Appendix H

Laboratory Analytical Reports

ANALYTICAL REPORT

Lab Number:	L2427915
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	05/28/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2427915-01	TS-01_0-1	SOIL	850 DOBBS FERRY ROAD	05/20/24 10:50	05/20/24
L2427915-02	TS-02_0-1	SOIL	850 DOBBS FERRY ROAD	05/20/24 10:55	05/20/24
L2427915-03	TS-03_0-1	SOIL	850 DOBBS FERRY ROAD	05/20/24 11:00	05/20/24
L2427915-04	TS-04_0-1	SOIL	850 DOBBS FERRY ROAD	05/20/24 11:30	05/20/24
L2427915-05	TS-05_0-1	SOIL	850 DOBBS FERRY ROAD	05/20/24 11:35	05/20/24
L2427915-06	TS-06_0-1	SOIL	850 DOBBS FERRY ROAD	05/20/24 11:45	05/20/24
L2427915-07	TS-07_0-1	SOIL	850 DOBBS FERRY ROAD	05/20/24 12:00	05/20/24
L2427915-08	TS-08_0-1	SOIL	850 DOBBS FERRY ROAD	05/20/24 12:30	05/20/24
L2427915-09	TS-09_0-1	SOIL	850 DOBBS FERRY ROAD	05/20/24 12:45	05/20/24
L2427915-10	TS-10_0-1	SOIL	850 DOBBS FERRY ROAD	05/20/24 12:55	05/20/24
L2427915-11	TS-11_0-1	SOIL	850 DOBBS FERRY ROAD	05/20/24 13:05	05/20/24
L2427915-12	TS-12_0-1	SOIL	850 DOBBS FERRY ROAD	05/20/24 13:35	05/20/24
L2427915-13	TS-13_0-1	SOIL	850 DOBBS FERRY ROAD	05/20/24 13:40	05/20/24
L2427915-14	TS-14_0-1	SOIL	850 DOBBS FERRY ROAD	05/20/24 14:00	05/20/24
L2427915-15	TS-15_0-1	SOIL	850 DOBBS FERRY ROAD	05/20/24 14:10	05/20/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2427915
Project Number:	3858.0004Y000	**Report Date:**	05/28/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915
Project Number: 3858.0004Y000 **Report Date:** 05/28/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L2427915-04D and -05D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Pesticides

L2427915-04: The internal standard (IS) response for 1-bromo-2-nitrobenzene (250%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recovery is outside the method acceptance criteria for decachlorobiphenyl (14%) due to interference with the Internal Standard.

Total Metals

L2427915-01 through -15: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1925025-3 MS recoveries for aluminum (0%), iron (0%), magnesium (52%), and manganese (0%), performed on L2427915-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1925025-3 MS recoveries, performed on L2427915-01, are outside the acceptance criteria for chromium (72%), copper (69%), lead (39%), and zinc (48%). A post digestion spike was performed and was within acceptance criteria.

The WG1925027-3 MS recovery, performed on L2427915-01, is outside the acceptance criteria for mercury (123%). A post digestion spike was performed and was within acceptance criteria.

The WG1925025-4 Laboratory Duplicate RPDs for calcium (54%), copper (27%), lead (24%), potassium (29%), and zinc (23%), performed on L2427915-01, are outside the acceptance criteria. The elevated RPDs

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2427915
Project Number:	3858.0004Y000	**Report Date:**	05/28/24

Case Narrative (continued)

have been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 05/28/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-01
Client ID: TS-01_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 10:50
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/22/24 09:47
Analyst: AJK
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	0.68	J	ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-01 Date Collected: 05/20/24 10:50

Client ID: TS-01_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.81	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-01 Date Collected: 05/20/24 10:50

Client ID: TS-01_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-02
Client ID: TS-02_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 10:55
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/22/24 10:26
Analyst: AJK
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.70	0.27	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.97	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.70	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	0.83	J	ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.81	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-02 Date Collected: 05/20/24 10:55

Client ID: TS-02_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.41	1
Xylenes, Total	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.70	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.6	0.91	1
Acrylonitrile	ND		ug/kg	5.6	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-02 Date Collected: 05/20/24 10:55

Client ID: TS-02_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	49.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.54	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-03
Client ID: TS-03_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/22/24 11:05
Analyst: AJK
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	0.77	J	ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-03 Date Collected: 05/20/24 11:00

Client ID: TS-03_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-03 Date Collected: 05/20/24 11:00

Client ID: TS-03_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-04
Client ID: TS-04_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/22/24 11:44
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	0.70	J	ug/kg	1.2	0.66	1
Ethylbenzene	0.18	J	ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-04 Date Collected: 05/20/24 11:30

Client ID: TS-04_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	0.85	J	ug/kg	2.4	0.68	1
o-Xylene	0.43	J	ug/kg	1.2	0.35	1
Xylenes, Total	1.3	J	ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	18		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	0.16	J	ug/kg	1.2	0.13	1
Naphthalene	3.9	J	ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-04 Date Collected: 05/20/24 11:30

Client ID: TS-04_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-05
Client ID: TS-05_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 11:35
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/22/24 12:24
Analyst: AJK
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	0.71	J	ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-05 Date Collected: 05/20/24 11:35

Client ID: TS-05_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	1.1	J	ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-05 Date Collected: 05/20/24 11:35

Client ID: TS-05_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-06
Client ID: TS-06_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 11:45
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/22/24 13:03
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	0.71	J	ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-06 Date Collected: 05/20/24 11:45

Client ID: TS-06_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	3.7	J	ug/kg	4.9	0.79	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-06 Date Collected: 05/20/24 11:45

Client ID: TS-06_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-07
Client ID: TS-07_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 12:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/22/24 15:42
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.5	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-07 Date Collected: 05/20/24 12:00

Client ID: TS-07_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.21	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.82	1
Acrylonitrile	ND		ug/kg	5.1	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-07 Date Collected: 05/20/24 12:00

Client ID: TS-07_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-08
Client ID: TS-08_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 12:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/22/24 16:21
Analyst: JIC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.26	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.22	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.22	1
Benzene	ND		ug/kg	0.68	0.22	1
Toluene	0.85	J	ug/kg	1.4	0.73	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.4	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-08 Date Collected: 05/20/24 12:30

Client ID: TS-08_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.39	1
Xylenes, Total	ND		ug/kg	1.4	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.26	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	14		ug/kg	14	6.5	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.22	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	10		ug/kg	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-08 Date Collected: 05/20/24 12:30

Client ID: TS-08_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-09
Client ID: TS-09_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 12:45
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/22/24 17:01
Analyst: JIC
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.3	3.8	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.24	1
Chloroform	ND		ug/kg	2.5	0.23	1
Carbon tetrachloride	ND		ug/kg	1.7	0.38	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.44	1
Tetrachloroethene	ND		ug/kg	0.83	0.33	1
Chlorobenzene	ND		ug/kg	0.83	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.7	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.43	1
1,1,1-Trichloroethane	ND		ug/kg	0.83	0.28	1
Bromodichloromethane	ND		ug/kg	0.83	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.46	1
cis-1,3-Dichloropropene	ND		ug/kg	0.83	0.26	1
1,3-Dichloropropene, Total	ND		ug/kg	0.83	0.26	1
1,1-Dichloropropene	ND		ug/kg	0.83	0.26	1
Bromoform	ND		ug/kg	6.7	0.41	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.83	0.28	1
Benzene	ND		ug/kg	0.83	0.28	1
Toluene	1.4	J	ug/kg	1.7	0.90	1
Ethylbenzene	0.47	J	ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.7	1.6	1
Bromomethane	ND		ug/kg	3.3	0.97	1
Vinyl chloride	ND		ug/kg	1.7	0.56	1
Chloroethane	ND		ug/kg	3.3	0.75	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-09 Date Collected: 05/20/24 12:45

Client ID: TS-09_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.83	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.3	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	3.3	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.3	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.34	1
p/m-Xylene	2.2	J	ug/kg	3.3	0.93	1
o-Xylene	1.0	J	ug/kg	1.7	0.48	1
Xylenes, Total	3.2	J	ug/kg	1.7	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.29	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.23	1
Dibromomethane	ND		ug/kg	3.3	0.40	1
Styrene	ND		ug/kg	1.7	0.33	1
Dichlorodifluoromethane	ND		ug/kg	17	1.5	1
Acetone	ND		ug/kg	17	8.0	1
Carbon disulfide	ND		ug/kg	17	7.6	1
2-Butanone	ND		ug/kg	17	3.7	1
Vinyl acetate	ND		ug/kg	17	3.6	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.1	1
1,2,3-Trichloropropane	ND		ug/kg	3.3	0.21	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.3	0.34	1
2,2-Dichloropropane	ND		ug/kg	3.3	0.34	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.46	1
1,3-Dichloropropane	ND		ug/kg	3.3	0.28	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.83	0.22	1
Bromobenzene	ND		ug/kg	3.3	0.24	1
n-Butylbenzene	ND		ug/kg	1.7	0.28	1
sec-Butylbenzene	ND		ug/kg	1.7	0.24	1
tert-Butylbenzene	ND		ug/kg	3.3	0.20	1
o-Chlorotoluene	ND		ug/kg	3.3	0.32	1
p-Chlorotoluene	ND		ug/kg	3.3	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	1.7	1
Hexachlorobutadiene	ND		ug/kg	6.7	0.28	1
Isopropylbenzene	ND		ug/kg	1.7	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.18	1
Naphthalene	ND		ug/kg	6.7	1.1	1
Acrylonitrile	ND		ug/kg	6.7	1.9	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-09 Date Collected: 05/20/24 12:45

Client ID: TS-09_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.7	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.3	0.54	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.3	0.45	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.3	0.32	1
1,2,4-Trimethylbenzene	0.79	J	ug/kg	3.3	0.56	1
1,4-Dioxane	ND		ug/kg	130	58.	1
p-Diethylbenzene	ND		ug/kg	3.3	0.30	1
p-Ethyltoluene	ND		ug/kg	3.3	0.64	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.3	0.32	1
Ethyl ether	ND		ug/kg	3.3	0.57	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.3	2.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-10
Client ID: TS-10_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:55
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/22/24 17:41
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	2.0		ug/kg	1.2	0.64	1
Ethylbenzene	0.23	J	ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-10 Date Collected: 05/20/24 12:55

Client ID: TS-10_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	0.84	J	ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	0.84	J	ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	160		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	25		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	2.8	J	ug/kg	4.8	0.77	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-10 Date Collected: 05/20/24 12:55

Client ID: TS-10_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-11
Client ID: TS-11_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 13:05
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/22/24 18:20
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	0.70	J	ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	0.64	J	ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-11 Date Collected: 05/20/24 13:05

Client ID: TS-11_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	9.3	J	ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-11 Date Collected: 05/20/24 13:05

Client ID: TS-11_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-12
Client ID: TS-12_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 13:35
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/22/24 23:29
Analyst: JIC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-12 Date Collected: 05/20/24 13:35

Client ID: TS-12_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.27	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.18	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.16	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.3	0.86	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-12 Date Collected: 05/20/24 13:35

Client ID: TS-12_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.24	1
p-Ethyltoluene	ND		ug/kg	2.6	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	109		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-13
Client ID: TS-13_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 13:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/22/24 23:55
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-13 Date Collected: 05/20/24 13:40

Client ID: TS-13_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.79	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-13 Date Collected: 05/20/24 13:40

Client ID: TS-13_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-14
Client ID: TS-14_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 14:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/23/24 00:21
Analyst: JIC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.1	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.71	0.28	1
Chlorobenzene	ND		ug/kg	0.71	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.99	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.71	0.24	1
Bromodichloromethane	ND		ug/kg	0.71	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.71	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.71	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.71	0.22	1
Bromoform	ND		ug/kg	5.7	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.71	0.24	1
Benzene	ND		ug/kg	0.71	0.24	1
Toluene	0.89	J	ug/kg	1.4	0.77	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.7	1.3	1
Bromomethane	ND		ug/kg	2.8	0.82	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-14 Date Collected: 05/20/24 14:00

Client ID: TS-14_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.71	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.80	1
o-Xylene	ND		ug/kg	1.4	0.41	1
Xylenes, Total	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.5	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.71	0.19	1
Bromobenzene	ND		ug/kg	2.8	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.8	0.17	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.7	0.92	1
Acrylonitrile	ND		ug/kg	5.7	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-14 Date Collected: 05/20/24 14:00

Client ID: TS-14_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	50.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.54	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.1	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	106		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-15
Client ID: TS-15_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 14:10
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/23/24 00:47
Analyst: JIC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.26	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.22	1
Benzene	ND		ug/kg	0.68	0.22	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-15 Date Collected: 05/20/24 14:10

Client ID: TS-15_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.39	1
Xylenes, Total	ND		ug/kg	1.4	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.26	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.5	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-15 Date Collected: 05/20/24 14:10

Client ID: TS-15_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 09:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-11 Batch: WG1924979-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.23	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 09:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-11 Batch: WG1924979-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 09:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-11 Batch: WG1924979-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 23:03
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 12-15 Batch: WG1925127-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 23:03
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 12-15 Batch: WG1925127-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 23:03
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 12-15 Batch: WG1925127-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.33	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2427915

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG1924979-3 WG1924979-4								
Methylene chloride	96		90		70-130	6		30
1,1-Dichloroethane	95		88		70-130	8		30
Chloroform	94		88		70-130	7		30
Carbon tetrachloride	90		84		70-130	7		30
1,2-Dichloropropane	95		92		70-130	3		30
Dibromochloromethane	93		90		70-130	3		30
1,1,2-Trichloroethane	93		89		70-130	4		30
Tetrachloroethene	92		82		70-130	11		30
Chlorobenzene	95		88		70-130	8		30
Trichlorofluoromethane	100		90		70-139	11		30
1,2-Dichloroethane	93		89		70-130	4		30
1,1,1-Trichloroethane	92		85		70-130	8		30
Bromodichloromethane	93		90		70-130	3		30
trans-1,3-Dichloropropene	94		90		70-130	4		30
cis-1,3-Dichloropropene	94		91		70-130	3		30
1,1-Dichloropropene	92		84		70-130	9		30
Bromoform	89		88		70-130	1		30
1,1,2,2-Tetrachloroethane	96		92		70-130	4		30
Benzene	96		89		70-130	8		30
Toluene	97		88		70-130	10		30
Ethylbenzene	99		91		70-130	8		30
Chloromethane	98		87		52-130	12		30
Bromomethane	86		79		57-147	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG1924979-3 WG1924979-4								
Vinyl chloride	100		88		67-130	13		30
Chloroethane	100		90		50-151	11		30
1,1-Dichloroethene	92		82		65-135	11		30
trans-1,2-Dichloroethene	92		84		70-130	9		30
Trichloroethene	92		87		70-130	6		30
1,2-Dichlorobenzene	96		89		70-130	8		30
1,3-Dichlorobenzene	96		89		70-130	8		30
1,4-Dichlorobenzene	97		90		70-130	7		30
Methyl tert butyl ether	90		87		66-130	3		30
p/m-Xylene	99		91		70-130	8		30
o-Xylene	98		91		70-130	7		30
cis-1,2-Dichloroethene	91		85		70-130	7		30
Dibromomethane	92		90		70-130	2		30
Styrene	103		96		70-130	7		30
Dichlorodifluoromethane	94		81		30-146	15		30
Acetone	107		107		54-140	0		30
Carbon disulfide	85		77		59-130	10		30
2-Butanone	107		107		70-130	0		30
Vinyl acetate	103		97		70-130	6		30
4-Methyl-2-pentanone	102		101		70-130	1		30
1,2,3-Trichloropropane	97		94		68-130	3		30
2-Hexanone	112		111		70-130	1		30
Bromochloromethane	91		87		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2427915

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG1924979-3 WG1924979-4								
2,2-Dichloropropane	92		85		70-130	8		30
1,2-Dibromoethane	95		91		70-130	4		30
1,3-Dichloropropane	95		90		69-130	5		30
1,1,1,2-Tetrachloroethane	91		86		70-130	6		30
Bromobenzene	95		88		70-130	8		30
n-Butylbenzene	100		91		70-130	9		30
sec-Butylbenzene	100		91		70-130	9		30
tert-Butylbenzene	97		89		70-130	9		30
o-Chlorotoluene	98		90		70-130	9		30
p-Chlorotoluene	99		91		70-130	8		30
1,2-Dibromo-3-chloropropane	95		94		68-130	1		30
Hexachlorobutadiene	99		89		67-130	11		30
Isopropylbenzene	99		91		70-130	8		30
p-Isopropyltoluene	99		90		70-130	10		30
Naphthalene	99		91		70-130	8		30
Acrylonitrile	104		104		70-130	0		30
n-Propylbenzene	101		91		70-130	10		30
1,2,3-Trichlorobenzene	110		94		70-130	16		30
1,2,4-Trichlorobenzene	102		92		70-130	10		30
1,3,5-Trimethylbenzene	99		90		70-130	10		30
1,2,4-Trimethylbenzene	100		92		70-130	8		30
1,4-Dioxane	97		92		65-136	5		30
p-Diethylbenzene	99		90		70-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2427915

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG1924979-3 WG1924979-4								
p-Ethyltoluene	99		91		70-130	8		30
1,2,4,5-Tetramethylbenzene	99		92		70-130	7		30
Ethyl ether	92		88		67-130	4		30
trans-1,4-Dichloro-2-butene	111		107		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		102		70-130
Toluene-d8	104		102		70-130
4-Bromofluorobenzene	104		104		70-130
Dibromofluoromethane	102		103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2427915

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 12-15 Batch: WG1925127-3 WG1925127-4								
Methylene chloride	97		87		70-130	11		30
1,1-Dichloroethane	100		89		70-130	12		30
Chloroform	92		84		70-130	9		30
Carbon tetrachloride	91		82		70-130	10		30
1,2-Dichloropropane	98		95		70-130	3		30
Dibromochloromethane	98		94		70-130	4		30
1,1,2-Trichloroethane	94		90		70-130	4		30
Tetrachloroethene	101		89		70-130	13		30
Chlorobenzene	101		95		70-130	6		30
Trichlorofluoromethane	105		86		70-139	20		30
1,2-Dichloroethane	89		86		70-130	3		30
1,1,1-Trichloroethane	94		84		70-130	11		30
Bromodichloromethane	91		88		70-130	3		30
trans-1,3-Dichloropropene	98		95		70-130	3		30
cis-1,3-Dichloropropene	96		92		70-130	4		30
1,1-Dichloropropene	99		88		70-130	12		30
Bromoform	91		90		70-130	1		30
1,1,2,2-Tetrachloroethane	88		88		70-130	0		30
Benzene	100		92		70-130	8		30
Toluene	99		90		70-130	10		30
Ethylbenzene	100		91		70-130	9		30
Chloromethane	82		70		52-130	16		30
Bromomethane	121		105		57-147	14		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 12-15 Batch: WG1925127-3 WG1925127-4								
Vinyl chloride	108		88		67-130	20		30
Chloroethane	115		98		50-151	16		30
1,1-Dichloroethene	101		86		65-135	16		30
trans-1,2-Dichloroethene	100		89		70-130	12		30
Trichloroethene	96		88		70-130	9		30
1,2-Dichlorobenzene	104		96		70-130	8		30
1,3-Dichlorobenzene	104		95		70-130	9		30
1,4-Dichlorobenzene	102		92		70-130	10		30
Methyl tert butyl ether	97		93		66-130	4		30
p/m-Xylene	103		93		70-130	10		30
o-Xylene	101		93		70-130	8		30
cis-1,2-Dichloroethene	98		87		70-130	12		30
Dibromomethane	92		92		70-130	0		30
Styrene	105		96		70-130	9		30
Dichlorodifluoromethane	96		80		30-146	18		30
Acetone	94		90		54-140	4		30
Carbon disulfide	100		85		59-130	16		30
2-Butanone	71		76		70-130	7		30
Vinyl acetate	**61**	Q	**60**	Q	70-130	2		30
4-Methyl-2-pentanone	97		98		70-130	1		30
1,2,3-Trichloropropane	94		93		68-130	1		30
2-Hexanone	79		84		70-130	6		30
Bromochloromethane	97		92		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 12-15 Batch: WG1925127-3 WG1925127-4								
2,2-Dichloropropane	92		81		70-130	13		30
1,2-Dibromoethane	94		91		70-130	3		30
1,3-Dichloropropane	98		95		69-130	3		30
1,1,1,2-Tetrachloroethane	95		88		70-130	8		30
Bromobenzene	101		94		70-130	7		30
n-Butylbenzene	106		93		70-130	13		30
sec-Butylbenzene	103		92		70-130	11		30
tert-Butylbenzene	100		91		70-130	9		30
o-Chlorotoluene	98		89		70-130	10		30
p-Chlorotoluene	96		86		70-130	11		30
1,2-Dibromo-3-chloropropane	92		94		68-130	2		30
Hexachlorobutadiene	112		101		67-130	10		30
Isopropylbenzene	102		91		70-130	11		30
p-Isopropyltoluene	106		95		70-130	11		30
Naphthalene	98		97		70-130	1		30
Acrylonitrile	86		90		70-130	5		30
n-Propylbenzene	101		91		70-130	10		30
1,2,3-Trichlorobenzene	105		99		70-130	6		30
1,2,4-Trichlorobenzene	114		103		70-130	10		30
1,3,5-Trimethylbenzene	100		90		70-130	11		30
1,2,4-Trimethylbenzene	102		93		70-130	9		30
1,4-Dioxane	111		120		65-136	8		30
p-Diethylbenzene	107		93		70-130	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2427915

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 12-15 Batch: WG1925127-3 WG1925127-4								
p-Ethyltoluene	101		90		70-130	12		30
1,2,4,5-Tetramethylbenzene	104		93		70-130	11		30
Ethyl ether	100		91		67-130	9		30
trans-1,4-Dichloro-2-butene	86		86		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		91		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	94		96		70-130
Dibromofluoromethane	97		97		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-01
Client ID: TS-01_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 10:50
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/23/24 05:13
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	420		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-01 Date Collected: 05/20/24 10:50

Client ID: TS-01_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	200		ug/kg	120	22.	1
Benzo(a)pyrene	220		ug/kg	160	49.	1
Benzo(b)fluoranthene	290		ug/kg	120	34.	1
Benzo(k)fluoranthene	83	J	ug/kg	120	32.	1
Chrysene	180		ug/kg	120	21.	1
Acenaphthylene	37	J	ug/kg	160	31.	1
Anthracene	58	J	ug/kg	120	39.	1
Benzo(ghi)perylene	160		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	190		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	38	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	130	J	ug/kg	160	28.	1
Pyrene	360		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-01 Date Collected: 05/20/24 10:50

Client ID: TS-01_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	29	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	89		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-02
Client ID: TS-02_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 10:55
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/23/24 04:20
Analyst: JG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	22	J	ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	510		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	35	J	ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	210		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-02 Date Collected: 05/20/24 10:55

Client ID: TS-02_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	200		ug/kg	120	23.	1
Benzo(a)pyrene	230		ug/kg	160	50.	1
Benzo(b)fluoranthene	320		ug/kg	120	34.	1
Benzo(k)fluoranthene	110	J	ug/kg	120	32.	1
Chrysene	220		ug/kg	120	21.	1
Acenaphthylene	50	J	ug/kg	160	31.	1
Anthracene	67	J	ug/kg	120	40.	1
Benzo(ghi)perylene	180		ug/kg	160	24.	1
Fluorene	22	J	ug/kg	200	20.	1
Phenanthrene	230		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	45	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	160	28.	1
Pyrene	450		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	23	J	ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-02
Client ID: TS-02_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 10:55
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	43	J	ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	99		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-03
Client ID: TS-03_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/23/24 03:27
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	250		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	2200		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	290		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	240		ug/kg	200	68.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-03 Date Collected: 05/20/24 11:00

Client ID: TS-03_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	860		ug/kg	120	22.	1
Benzo(a)pyrene	890		ug/kg	160	48.	1
Benzo(b)fluoranthene	1100		ug/kg	120	33.	1
Benzo(k)fluoranthene	340		ug/kg	120	31.	1
Chrysene	790		ug/kg	120	20.	1
Acenaphthylene	64	J	ug/kg	160	30.	1
Anthracene	450		ug/kg	120	38.	1
Benzo(ghi)perylene	580		ug/kg	160	23.	1
Fluorene	210		ug/kg	200	19.	1
Phenanthrene	1600		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	150		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	480		ug/kg	160	27.	1
Pyrene	1800		ug/kg	120	20.	1
Biphenyl	28	J	ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	160	J	ug/kg	200	19.	1
2-Methylnaphthalene	80	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-03 Date Collected: 05/20/24 11:00

Client ID: TS-03_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	200		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	98		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-03 D
Client ID: TS-03_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/24/24 18:19
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Butyl benzyl phthalate	21000		ug/kg	2000	500	10

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-04 D
Client ID: TS-04_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/26/24 17:50
Analyst: CMM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/25/24 13:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1800		ug/kg	1600	200	10
1,2,4-Trichlorobenzene	ND		ug/kg	1900	220	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1700	260	10
2-Chloronaphthalene	ND		ug/kg	1900	190	10
1,2-Dichlorobenzene	ND		ug/kg	1900	350	10
1,3-Dichlorobenzene	ND		ug/kg	1900	330	10
1,4-Dichlorobenzene	ND		ug/kg	1900	340	10
3,3'-Dichlorobenzidine	ND		ug/kg	1900	520	10
2,4-Dinitrotoluene	ND		ug/kg	1900	390	10
2,6-Dinitrotoluene	ND		ug/kg	1900	330	10
Fluoranthene	16000		ug/kg	1200	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1900	210	10
4-Bromophenyl phenyl ether	ND		ug/kg	1900	300	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2300	330	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2100	190	10
Hexachlorobutadiene	ND		ug/kg	1900	280	10
Hexachlorocyclopentadiene	ND		ug/kg	5500	1800	10
Hexachloroethane	ND		ug/kg	1600	310	10
Isophorone	ND		ug/kg	1700	250	10
Naphthalene	2400		ug/kg	1900	240	10
Nitrobenzene	ND		ug/kg	1700	290	10
NDPA/DPA	ND		ug/kg	1600	220	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1900	300	10
Bis(2-ethylhexyl)phthalate	2000		ug/kg	1900	670	10
Butyl benzyl phthalate	ND		ug/kg	1900	490	10
Di-n-butylphthalate	ND		ug/kg	1900	370	10
Di-n-octylphthalate	ND		ug/kg	1900	660	10

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-04 D
Client ID: TS-04_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1900	180	10
Dimethyl phthalate	ND		ug/kg	1900	410	10
Benzo(a)anthracene	7000		ug/kg	1200	220	10
Benzo(a)pyrene	5800		ug/kg	1600	470	10
Benzo(b)fluoranthene	7400		ug/kg	1200	330	10
Benzo(k)fluoranthene	2300		ug/kg	1200	310	10
Chrysene	6200		ug/kg	1200	200	10
Acenaphthylene	ND		ug/kg	1600	300	10
Anthracene	3800		ug/kg	1200	380	10
Benzo(ghi)perylene	3700		ug/kg	1600	230	10
Fluorene	1900		ug/kg	1900	190	10
Phenanthrene	13000		ug/kg	1200	240	10
Dibenzo(a,h)anthracene	920	J	ug/kg	1200	220	10
Indeno(1,2,3-cd)pyrene	3700		ug/kg	1600	270	10
Pyrene	12000		ug/kg	1200	190	10
Biphenyl	ND		ug/kg	4400	250	10
4-Chloroaniline	ND		ug/kg	1900	350	10
2-Nitroaniline	ND		ug/kg	1900	370	10
3-Nitroaniline	ND		ug/kg	1900	360	10
4-Nitroaniline	ND		ug/kg	1900	800	10
Dibenzofuran	1200	J	ug/kg	1900	180	10
2-Methylnaphthalene	820	J	ug/kg	2300	230	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1900	200	10
Acetophenone	ND		ug/kg	1900	240	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	370	10
p-Chloro-m-cresol	ND		ug/kg	1900	290	10
2-Chlorophenol	ND		ug/kg	1900	230	10
2,4-Dichlorophenol	ND		ug/kg	1700	310	10
2,4-Dimethylphenol	ND		ug/kg	1900	640	10
2-Nitrophenol	ND		ug/kg	4200	730	10
4-Nitrophenol	ND		ug/kg	2700	790	10
2,4-Dinitrophenol	ND		ug/kg	9300	900	10
4,6-Dinitro-o-cresol	ND		ug/kg	5000	930	10
Pentachlorophenol	ND		ug/kg	1600	430	10
Phenol	ND		ug/kg	1900	290	10
2-Methylphenol	ND		ug/kg	1900	300	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2800	300	10

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-04 D
Client ID: TS-04_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1900	370	10
Benzoic Acid	ND		ug/kg	6300	2000	10
Benzyl Alcohol	3800		ug/kg	1900	590	10
Carbazole	1700	J	ug/kg	1900	190	10
1,4-Dioxane	ND		ug/kg	290	89.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	34		10-136
4-Terphenyl-d14	70		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-05 D
Client ID: TS-05_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:35
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/24/24 13:57
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1200		ug/kg	800	100	5
1,2,4-Trichlorobenzene	ND		ug/kg	1000	110	5
Hexachlorobenzene	ND		ug/kg	600	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	900	140	5
2-Chloronaphthalene	ND		ug/kg	1000	99.	5
1,2-Dichlorobenzene	ND		ug/kg	1000	180	5
1,3-Dichlorobenzene	ND		ug/kg	1000	170	5
1,4-Dichlorobenzene	ND		ug/kg	1000	170	5
3,3'-Dichlorobenzidine	ND		ug/kg	1000	260	5
2,4-Dinitrotoluene	ND		ug/kg	1000	200	5
2,6-Dinitrotoluene	ND		ug/kg	1000	170	5
Fluoranthene	11000		ug/kg	600	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1000	110	5
4-Bromophenyl phenyl ether	ND		ug/kg	1000	150	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	170	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1100	100	5
Hexachlorobutadiene	ND		ug/kg	1000	150	5
Hexachlorocyclopentadiene	ND		ug/kg	2800	900	5
Hexachloroethane	ND		ug/kg	800	160	5
Isophorone	ND		ug/kg	900	130	5
Naphthalene	1500		ug/kg	1000	120	5
Nitrobenzene	ND		ug/kg	900	150	5
NDPA/DPA	ND		ug/kg	800	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1000	150	5
Bis(2-ethylhexyl)phthalate	520	J	ug/kg	1000	340	5
Butyl benzyl phthalate	610	J	ug/kg	1000	250	5
Di-n-butylphthalate	ND		ug/kg	1000	190	5
Di-n-octylphthalate	ND		ug/kg	1000	340	5

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-05 D
Client ID: TS-05_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:35
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1000	92.	5
Dimethyl phthalate	ND		ug/kg	1000	210	5
Benzo(a)anthracene	4400		ug/kg	600	110	5
Benzo(a)pyrene	3700		ug/kg	800	240	5
Benzo(b)fluoranthene	4600		ug/kg	600	170	5
Benzo(k)fluoranthene	1500		ug/kg	600	160	5
Chrysene	3800		ug/kg	600	100	5
Acenaphthylene	160	J	ug/kg	800	150	5
Anthracene	2500		ug/kg	600	190	5
Benzo(ghi)perylene	2200		ug/kg	800	120	5
Fluorene	1400		ug/kg	1000	97.	5
Phenanthrene	9400		ug/kg	600	120	5
Dibenzo(a,h)anthracene	500	J	ug/kg	600	120	5
Indeno(1,2,3-cd)pyrene	2200		ug/kg	800	140	5
Pyrene	8900		ug/kg	600	99.	5
Biphenyl	150	J	ug/kg	2300	130	5
4-Chloroaniline	ND		ug/kg	1000	180	5
2-Nitroaniline	ND		ug/kg	1000	190	5
3-Nitroaniline	ND		ug/kg	1000	190	5
4-Nitroaniline	ND		ug/kg	1000	410	5
Dibenzofuran	930	J	ug/kg	1000	94.	5
2-Methylnaphthalene	590	J	ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1000	100	5
Acetophenone	ND		ug/kg	1000	120	5
2,4,6-Trichlorophenol	ND		ug/kg	600	190	5
p-Chloro-m-cresol	ND		ug/kg	1000	150	5
2-Chlorophenol	ND		ug/kg	1000	120	5
2,4-Dichlorophenol	ND		ug/kg	900	160	5
2,4-Dimethylphenol	ND		ug/kg	1000	330	5
2-Nitrophenol	ND		ug/kg	2200	380	5
4-Nitrophenol	ND		ug/kg	1400	410	5
2,4-Dinitrophenol	ND		ug/kg	4800	460	5
4,6-Dinitro-o-cresol	ND		ug/kg	2600	480	5
Pentachlorophenol	ND		ug/kg	800	220	5
Phenol	ND		ug/kg	1000	150	5
2-Methylphenol	ND		ug/kg	1000	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	160	5

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-05 D
Client ID: TS-05_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:35
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1000	190	5
Benzoic Acid	ND		ug/kg	3200	1000	5
Benzyl Alcohol	ND		ug/kg	1000	300	5
Carbazole	1300		ug/kg	1000	97.	5
1,4-Dioxane	ND		ug/kg	150	46.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	94		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-06 D
Client ID: TS-06_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:45
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/24/24 14:44
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3800		ug/kg	780	100	5
1,2,4-Trichlorobenzene	ND		ug/kg	970	110	5
Hexachlorobenzene	ND		ug/kg	580	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	880	130	5
2-Chloronaphthalene	ND		ug/kg	970	96.	5
1,2-Dichlorobenzene	ND		ug/kg	970	170	5
1,3-Dichlorobenzene	ND		ug/kg	970	170	5
1,4-Dichlorobenzene	170	J	ug/kg	970	170	5
3,3'-Dichlorobenzidine	ND		ug/kg	970	260	5
2,4-Dinitrotoluene	ND		ug/kg	970	190	5
2,6-Dinitrotoluene	ND		ug/kg	970	170	5
Fluoranthene	26000		ug/kg	580	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	970	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	970	150	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	170	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	97.	5
Hexachlorobutadiene	ND		ug/kg	970	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2800	880	5
Hexachloroethane	ND		ug/kg	780	160	5
Isophorone	ND		ug/kg	880	130	5
Naphthalene	4200		ug/kg	970	120	5
Nitrobenzene	ND		ug/kg	880	140	5
NDPA/DPA	ND		ug/kg	780	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	970	150	5
Bis(2-ethylhexyl)phthalate	620	J	ug/kg	970	340	5
Butyl benzyl phthalate	2500		ug/kg	970	240	5
Di-n-butylphthalate	ND		ug/kg	970	180	5
Di-n-octylphthalate	ND		ug/kg	970	330	5

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-06 D
Client ID: TS-06_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:45
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	970	90.	5
Dimethyl phthalate	ND		ug/kg	970	200	5
Benzo(a)anthracene	10000		ug/kg	580	110	5
Benzo(a)pyrene	9000		ug/kg	780	240	5
Benzo(b)fluoranthene	10000		ug/kg	580	160	5
Benzo(k)fluoranthene	3500		ug/kg	580	160	5
Chrysene	9000		ug/kg	580	100	5
Acenaphthylene	560	J	ug/kg	780	150	5
Anthracene	7300		ug/kg	580	190	5
Benzo(ghi)perylene	5400		ug/kg	780	110	5
Fluorene	4400		ug/kg	970	94.	5
Phenanthrene	22000		ug/kg	580	120	5
Dibenzo(a,h)anthracene	1200		ug/kg	580	110	5
Indeno(1,2,3-cd)pyrene	5400		ug/kg	780	140	5
Pyrene	21000		ug/kg	580	97.	5
Biphenyl	400	J	ug/kg	2200	130	5
4-Chloroaniline	ND		ug/kg	970	180	5
2-Nitroaniline	ND		ug/kg	970	190	5
3-Nitroaniline	ND		ug/kg	970	180	5
4-Nitroaniline	ND		ug/kg	970	400	5
Dibenzofuran	2400		ug/kg	970	92.	5
2-Methylnaphthalene	1600		ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	970	100	5
Acetophenone	ND		ug/kg	970	120	5
2,4,6-Trichlorophenol	ND		ug/kg	580	180	5
p-Chloro-m-cresol	ND		ug/kg	970	140	5
2-Chlorophenol	ND		ug/kg	970	110	5
2,4-Dichlorophenol	ND		ug/kg	880	160	5
2,4-Dimethylphenol	ND		ug/kg	970	320	5
2-Nitrophenol	ND		ug/kg	2100	360	5
4-Nitrophenol	ND		ug/kg	1400	400	5
2,4-Dinitrophenol	ND		ug/kg	4700	450	5
4,6-Dinitro-o-cresol	ND		ug/kg	2500	470	5
Pentachlorophenol	ND		ug/kg	780	210	5
Phenol	ND		ug/kg	970	150	5
2-Methylphenol	ND		ug/kg	970	150	5
3-Methylphenol/4-Methylphenol	170	J	ug/kg	1400	150	5

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-06 D
Client ID: TS-06_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:45
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	970	190	5
Benzoic Acid	ND		ug/kg	3200	980	5
Benzyl Alcohol	ND		ug/kg	970	300	5
Carbazole	2900		ug/kg	970	94.	5
1,4-Dioxane	ND		ug/kg	140	45.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	31		10-136
4-Terphenyl-d14	84		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-07
Client ID: TS-07_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/23/24 04:55
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	210		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	35	J	ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	1700		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	140	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-07 Date Collected: 05/20/24 12:00

Client ID: TS-07_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	700		ug/kg	110	21.	1
Benzo(a)pyrene	730		ug/kg	150	46.	1
Benzo(b)fluoranthene	850		ug/kg	110	31.	1
Benzo(k)fluoranthene	340		ug/kg	110	30.	1
Chrysene	650		ug/kg	110	19.	1
Acenaphthylene	34	J	ug/kg	150	29.	1
Anthracene	380		ug/kg	110	36.	1
Benzo(ghi)perylene	430		ug/kg	150	22.	1
Fluorene	190		ug/kg	190	18.	1
Phenanthrene	1300		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	120		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	370		ug/kg	150	26.	1
Pyrene	1400		ug/kg	110	18.	1
Biphenyl	25	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	130	J	ug/kg	190	18.	1
2-Methylnaphthalene	85	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-07 Date Collected: 05/20/24 12:00

Client ID: TS-07_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	200		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	124		10-136
4-Terphenyl-d14	104		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-08 D
Client ID: TS-08_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/25/24 09:42
Analyst: SZ
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1400		ug/kg	800	100	5
1,2,4-Trichlorobenzene	ND		ug/kg	1000	110	5
Hexachlorobenzene	ND		ug/kg	600	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	900	140	5
2-Chloronaphthalene	ND		ug/kg	1000	100	5
1,2-Dichlorobenzene	ND		ug/kg	1000	180	5
1,3-Dichlorobenzene	ND		ug/kg	1000	170	5
1,4-Dichlorobenzene	ND		ug/kg	1000	180	5
3,3'-Dichlorobenzidine	ND		ug/kg	1000	270	5
2,4-Dinitrotoluene	ND		ug/kg	1000	200	5
2,6-Dinitrotoluene	ND		ug/kg	1000	170	5
Fluoranthene	13000		ug/kg	600	120	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1000	110	5
4-Bromophenyl phenyl ether	ND		ug/kg	1000	150	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	170	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1100	100	5
Hexachlorobutadiene	ND		ug/kg	1000	150	5
Hexachlorocyclopentadiene	ND		ug/kg	2900	910	5
Hexachloroethane	ND		ug/kg	800	160	5
Isophorone	ND		ug/kg	900	130	5
Naphthalene	2100		ug/kg	1000	120	5
Nitrobenzene	ND		ug/kg	900	150	5
NDPA/DPA	ND		ug/kg	800	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1000	150	5
Bis(2-ethylhexyl)phthalate	1800		ug/kg	1000	350	5
Butyl benzyl phthalate	38000		ug/kg	1000	250	5
Di-n-butylphthalate	ND		ug/kg	1000	190	5
Di-n-octylphthalate	ND		ug/kg	1000	340	5

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-08 D
Client ID: TS-08_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1000	93.	5
Dimethyl phthalate	ND		ug/kg	1000	210	5
Benzo(a)anthracene	5600		ug/kg	600	110	5
Benzo(a)pyrene	4900		ug/kg	800	240	5
Benzo(b)fluoranthene	5700		ug/kg	600	170	5
Benzo(k)fluoranthene	2100		ug/kg	600	160	5
Chrysene	4800		ug/kg	600	100	5
Acenaphthylene	240	J	ug/kg	800	150	5
Anthracene	3100		ug/kg	600	200	5
Benzo(ghi)perylene	3100		ug/kg	800	120	5
Fluorene	1600		ug/kg	1000	98.	5
Phenanthrene	11000		ug/kg	600	120	5
Dibenzo(a,h)anthracene	690		ug/kg	600	120	5
Indeno(1,2,3-cd)pyrene	3000		ug/kg	800	140	5
Pyrene	11000		ug/kg	600	100	5
Biphenyl	170	J	ug/kg	2300	130	5
4-Chloroaniline	ND		ug/kg	1000	180	5
2-Nitroaniline	ND		ug/kg	1000	190	5
3-Nitroaniline	ND		ug/kg	1000	190	5
4-Nitroaniline	ND		ug/kg	1000	420	5
Dibenzofuran	1000		ug/kg	1000	95.	5
2-Methylnaphthalene	680	J	ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1000	100	5
Acetophenone	ND		ug/kg	1000	120	5
2,4,6-Trichlorophenol	ND		ug/kg	600	190	5
p-Chloro-m-cresol	ND		ug/kg	1000	150	5
2-Chlorophenol	ND		ug/kg	1000	120	5
2,4-Dichlorophenol	ND		ug/kg	900	160	5
2,4-Dimethylphenol	ND		ug/kg	1000	330	5
2-Nitrophenol	ND		ug/kg	2200	380	5
4-Nitrophenol	ND		ug/kg	1400	410	5
2,4-Dinitrophenol	ND		ug/kg	4800	470	5
4,6-Dinitro-o-cresol	ND		ug/kg	2600	480	5
Pentachlorophenol	ND		ug/kg	800	220	5
Phenol	ND		ug/kg	1000	150	5
2-Methylphenol	ND		ug/kg	1000	160	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	160	5

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-08 D
Client ID: TS-08_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1000	190	5
Benzoic Acid	ND		ug/kg	3200	1000	5
Benzyl Alcohol	ND		ug/kg	1000	310	5
Carbazole	1400		ug/kg	1000	98.	5
1,4-Dioxane	ND		ug/kg	150	46.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	22		10-136
4-Terphenyl-d14	81		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-09
Client ID: TS-09_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:45
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/23/24 02:34
Analyst: JG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	110	J	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-09 Date Collected: 05/20/24 12:45

Client ID: TS-09_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	57	J	ug/kg	120	23.	1
Benzo(a)pyrene	61	J	ug/kg	170	51.	1
Benzo(b)fluoranthene	82	J	ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	57	J	ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	41	J	ug/kg	170	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	68	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	31	J	ug/kg	170	29.	1
Pyrene	97	J	ug/kg	120	21.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-09 Date Collected: 05/20/24 12:45

Client ID: TS-09_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	80		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-10 D
Client ID: TS-10_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:55
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/24/24 14:20
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3400		ug/kg	780	100	5
1,2,4-Trichlorobenzene	ND		ug/kg	980	110	5
Hexachlorobenzene	ND		ug/kg	590	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	880	130	5
2-Chloronaphthalene	ND		ug/kg	980	97.	5
1,2-Dichlorobenzene	ND		ug/kg	980	180	5
1,3-Dichlorobenzene	ND		ug/kg	980	170	5
1,4-Dichlorobenzene	ND		ug/kg	980	170	5
3,3'-Dichlorobenzidine	ND		ug/kg	980	260	5
2,4-Dinitrotoluene	ND		ug/kg	980	200	5
2,6-Dinitrotoluene	ND		ug/kg	980	170	5
Fluoranthene	31000		ug/kg	590	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	980	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	980	150	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	170	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	98.	5
Hexachlorobutadiene	ND		ug/kg	980	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2800	890	5
Hexachloroethane	ND		ug/kg	780	160	5
Isophorone	ND		ug/kg	880	130	5
Naphthalene	2900		ug/kg	980	120	5
Nitrobenzene	ND		ug/kg	880	140	5
NDPA/DPA	ND		ug/kg	780	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	980	150	5
Bis(2-ethylhexyl)phthalate	6600		ug/kg	980	340	5
Butyl benzyl phthalate	ND		ug/kg	980	250	5
Di-n-butylphthalate	ND		ug/kg	980	180	5
Di-n-octylphthalate	ND		ug/kg	980	330	5

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-10 D
Client ID: TS-10_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:55
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	980	91.	5
Dimethyl phthalate	210	J	ug/kg	980	200	5
Benzo(a)anthracene	14000		ug/kg	590	110	5
Benzo(a)pyrene	11000		ug/kg	780	240	5
Benzo(b)fluoranthene	13000		ug/kg	590	160	5
Benzo(k)fluoranthene	4600		ug/kg	590	160	5
Chrysene	11000		ug/kg	590	100	5
Acenaphthylene	160	J	ug/kg	780	150	5
Anthracene	8700		ug/kg	590	190	5
Benzo(ghi)perylene	6600		ug/kg	780	120	5
Fluorene	4000		ug/kg	980	95.	5
Phenanthrene	26000		ug/kg	590	120	5
Dibenzo(a,h)anthracene	1500		ug/kg	590	110	5
Indeno(1,2,3-cd)pyrene	6500		ug/kg	780	140	5
Pyrene	25000		ug/kg	590	97.	5
Biphenyl	240	J	ug/kg	2200	130	5
4-Chloroaniline	ND		ug/kg	980	180	5
2-Nitroaniline	ND		ug/kg	980	190	5
3-Nitroaniline	ND		ug/kg	980	180	5
4-Nitroaniline	ND		ug/kg	980	400	5
Dibenzofuran	2400		ug/kg	980	93.	5
2-Methylnaphthalene	920	J	ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	980	100	5
Acetophenone	ND		ug/kg	980	120	5
2,4,6-Trichlorophenol	ND		ug/kg	590	180	5
p-Chloro-m-cresol	ND		ug/kg	980	150	5
2-Chlorophenol	ND		ug/kg	980	120	5
2,4-Dichlorophenol	ND		ug/kg	880	160	5
2,4-Dimethylphenol	ND		ug/kg	980	320	5
2-Nitrophenol	ND		ug/kg	2100	370	5
4-Nitrophenol	ND		ug/kg	1400	400	5
2,4-Dinitrophenol	ND		ug/kg	4700	460	5
4,6-Dinitro-o-cresol	ND		ug/kg	2500	470	5
Pentachlorophenol	ND		ug/kg	780	220	5
Phenol	ND		ug/kg	980	150	5
2-Methylphenol	ND		ug/kg	980	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	5

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-10 D
Client ID: TS-10_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:55
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	980	190	5
Benzoic Acid	ND		ug/kg	3200	990	5
Benzyl Alcohol	ND		ug/kg	980	300	5
Carbazole	4400		ug/kg	980	95.	5
1,4-Dioxane	ND		ug/kg	150	45.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	15		10-136
4-Terphenyl-d14	90		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-11
Client ID: TS-11_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 13:05
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/23/24 06:24
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	560		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	6200		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	370		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Butyl benzyl phthalate	490		ug/kg	190	47.	1
Di-n-butylphthalate	66	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-11 Date Collected: 05/20/24 13:05

Client ID: TS-11_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	2800		ug/kg	110	21.	1
Benzo(a)pyrene	3200		ug/kg	150	46.	1
Benzo(b)fluoranthene	3100		ug/kg	110	32.	1
Benzo(k)fluoranthene	1600		ug/kg	110	30.	1
Chrysene	2500		ug/kg	110	19.	1
Acenaphthylene	190		ug/kg	150	29.	1
Anthracene	1400		ug/kg	110	36.	1
Benzo(ghi)perylene	1800		ug/kg	150	22.	1
Fluorene	640		ug/kg	190	18.	1
Phenanthrene	4400		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	440		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1500		ug/kg	150	26.	1
Pyrene	5200		ug/kg	110	19.	1
Biphenyl	62	J	ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	350		ug/kg	190	18.	1
2-Methylnaphthalene	190	J	ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1

Project Name: ELMWOOD PRESERVE
Lab Number: L2427915
Project Number: 3858.0004Y000
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-11
Client ID: TS-11_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 13:05
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	500		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	88		18-120

Project Name: ELMWOOD PRESERVE
Lab Number: L2427915
Project Number: 3858.0004Y000
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-11 D
Client ID: TS-11_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 13:05
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/26/24 19:09
Analyst: CMM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-ethylhexyl)phthalate	46000		ug/kg	1900	650	10

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-12
Client ID: TS-12_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 13:35
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/23/24 04:02
Analyst: JG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	260		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-12 Date Collected: 05/20/24 13:35

Client ID: TS-12_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	120		ug/kg	120	23.	1
Benzo(a)pyrene	130	J	ug/kg	160	50.	1
Benzo(b)fluoranthene	160		ug/kg	120	34.	1
Benzo(k)fluoranthene	54	J	ug/kg	120	32.	1
Chrysene	120		ug/kg	120	21.	1
Acenaphthylene	32	J	ug/kg	160	31.	1
Anthracene	45	J	ug/kg	120	40.	1
Benzo(ghi)perylene	94	J	ug/kg	160	24.	1
Fluorene	20	J	ug/kg	200	20.	1
Phenanthrene	130		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	72	J	ug/kg	160	28.	1
Pyrene	230		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: ELMWOOD PRESERVE
Lab Number: L2427915
Project Number: 3858.0004Y000
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-12
Client ID: TS-12_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 13:35
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	22	J	ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	93		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-13
Client ID: TS-13_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 13:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/23/24 02:16
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	150		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-13 Date Collected: 05/20/24 13:40

Client ID: TS-13_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	73	J	ug/kg	110	21.	1
Benzo(a)pyrene	80	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	96	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	40	J	ug/kg	110	30.	1
Chrysene	68	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	46	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	100	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	39	J	ug/kg	150	26.	1
Pyrene	120		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-13 Date Collected: 05/20/24 13:40

Client ID: TS-13_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	113		10-136
4-Terphenyl-d14	92		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-14
Client ID: TS-14_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 14:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/23/24 12:08
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	360		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	4300		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	140	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	260		ug/kg	200	69.	1
Butyl benzyl phthalate	210		ug/kg	200	50.	1
Di-n-butylphthalate	43	J	ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-14 Date Collected: 05/20/24 14:00

Client ID: TS-14_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	2100		ug/kg	120	22.	1
Benzo(a)pyrene	2400		ug/kg	160	49.	1
Benzo(b)fluoranthene	2900		ug/kg	120	34.	1
Benzo(k)fluoranthene	970		ug/kg	120	32.	1
Chrysene	2200		ug/kg	120	21.	1
Acenaphthylene	86	J	ug/kg	160	31.	1
Anthracene	880		ug/kg	120	39.	1
Benzo(ghi)perylene	1600		ug/kg	160	23.	1
Fluorene	360		ug/kg	200	19.	1
Phenanthrene	2900		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	350		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	1500		ug/kg	160	28.	1
Pyrene	3500		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	200		ug/kg	200	19.	1
2-Methylnaphthalene	90	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-14 Date Collected: 05/20/24 14:00

Client ID: TS-14_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	460		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	62		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-15 D
Client ID: TS-15_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 14:10
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/24/24 19:31
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2200		ug/kg	800	100	5
1,2,4-Trichlorobenzene	ND		ug/kg	1000	110	5
Hexachlorobenzene	ND		ug/kg	600	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	900	140	5
2-Chloronaphthalene	ND		ug/kg	1000	99.	5
1,2-Dichlorobenzene	ND		ug/kg	1000	180	5
1,3-Dichlorobenzene	ND		ug/kg	1000	170	5
1,4-Dichlorobenzene	ND		ug/kg	1000	170	5
3,3'-Dichlorobenzidine	ND		ug/kg	1000	270	5
2,4-Dinitrotoluene	ND		ug/kg	1000	200	5
2,6-Dinitrotoluene	ND		ug/kg	1000	170	5
Fluoranthene	21000		ug/kg	600	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1000	110	5
4-Bromophenyl phenyl ether	ND		ug/kg	1000	150	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	170	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1100	100	5
Hexachlorobutadiene	ND		ug/kg	1000	150	5
Hexachlorocyclopentadiene	ND		ug/kg	2900	910	5
Hexachloroethane	ND		ug/kg	800	160	5
Isophorone	ND		ug/kg	900	130	5
Naphthalene	740	J	ug/kg	1000	120	5
Nitrobenzene	ND		ug/kg	900	150	5
NDPA/DPA	ND		ug/kg	800	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1000	150	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1000	350	5
Butyl benzyl phthalate	300	J	ug/kg	1000	250	5
Di-n-butylphthalate	ND		ug/kg	1000	190	5
Di-n-octylphthalate	ND		ug/kg	1000	340	5

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-15 D Date Collected: 05/20/24 14:10

Client ID: TS-15_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1000	93.	5
Dimethyl phthalate	ND		ug/kg	1000	210	5
Benzo(a)anthracene	9700		ug/kg	600	110	5
Benzo(a)pyrene	9900		ug/kg	800	240	5
Benzo(b)fluoranthene	12000		ug/kg	600	170	5
Benzo(k)fluoranthene	3600		ug/kg	600	160	5
Chrysene	9400		ug/kg	600	100	5
Acenaphthylene	250	J	ug/kg	800	150	5
Anthracene	5700		ug/kg	600	200	5
Benzo(ghi)perylene	6500		ug/kg	800	120	5
Fluorene	2600		ug/kg	1000	97.	5
Phenanthrene	17000		ug/kg	600	120	5
Dibenzo(a,h)anthracene	1300		ug/kg	600	120	5
Indeno(1,2,3-cd)pyrene	6000		ug/kg	800	140	5
Pyrene	17000		ug/kg	600	100	5
Biphenyl	150	J	ug/kg	2300	130	5
4-Chloroaniline	ND		ug/kg	1000	180	5
2-Nitroaniline	ND		ug/kg	1000	190	5
3-Nitroaniline	ND		ug/kg	1000	190	5
4-Nitroaniline	ND		ug/kg	1000	410	5
Dibenzofuran	1400		ug/kg	1000	95.	5
2-Methylnaphthalene	420	J	ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1000	100	5
Acetophenone	ND		ug/kg	1000	120	5
2,4,6-Trichlorophenol	ND		ug/kg	600	190	5
p-Chloro-m-cresol	ND		ug/kg	1000	150	5
2-Chlorophenol	ND		ug/kg	1000	120	5
2,4-Dichlorophenol	ND		ug/kg	900	160	5
2,4-Dimethylphenol	ND		ug/kg	1000	330	5
2-Nitrophenol	ND		ug/kg	2200	380	5
4-Nitrophenol	ND		ug/kg	1400	410	5
2,4-Dinitrophenol	ND		ug/kg	4800	470	5
4,6-Dinitro-o-cresol	ND		ug/kg	2600	480	5
Pentachlorophenol	ND		ug/kg	800	220	5
Phenol	ND		ug/kg	1000	150	5
2-Methylphenol	ND		ug/kg	1000	160	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	160	5

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-15 D
Client ID: TS-15_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 14:10
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1000	190	5
Benzoic Acid	ND		ug/kg	3200	1000	5
Benzyl Alcohol	ND		ug/kg	1000	310	5
Carbazole	2300		ug/kg	1000	97.	5
1,4-Dioxane	ND		ug/kg	150	46.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	125		10-136
4-Terphenyl-d14	92		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 03:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-15 Batch: WG1924053-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 03:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-15 Batch: WG1924053-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 03:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/21/24 17:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-15 Batch: WG1924053-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	98		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/25/24 12:28
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/24/24 13:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1925545-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/25/24 12:28
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/24/24 13:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1925545-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/25/24 12:28
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/24/24 13:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1925545-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	93		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-15 Batch: WG1924053-2 WG1924053-3								
Acenaphthene	95		106		31-137	11		50
1,2,4-Trichlorobenzene	94		103		38-107	9		50
Hexachlorobenzene	108		118		40-140	9		50
Bis(2-chloroethyl)ether	85		90		40-140	6		50
2-Chloronaphthalene	98		108		40-140	10		50
1,2-Dichlorobenzene	90		96		40-140	6		50
1,3-Dichlorobenzene	87		93		40-140	7		50
1,4-Dichlorobenzene	91		96		28-104	5		50
3,3'-Dichlorobenzidine	84		87		40-140	4		50
2,4-Dinitrotoluene	113		126		40-132	11		50
2,6-Dinitrotoluene	105		116		40-140	10		50
Fluoranthene	100		109		40-140	9		50
4-Chlorophenyl phenyl ether	101		112		40-140	10		50
4-Bromophenyl phenyl ether	105		114		40-140	8		50
Bis(2-chloroisopropyl)ether	76		79		40-140	4		50
Bis(2-chloroethoxy)methane	88		97		40-117	10		50
Hexachlorobutadiene	95		103		40-140	8		50
Hexachlorocyclopentadiene	86		95		40-140	10		50
Hexachloroethane	91		97		40-140	6		50
Isophorone	88		96		40-140	9		50
Naphthalene	90		98		40-140	9		50
Nitrobenzene	96		102		40-140	6		50
NDPA/DPA	102		112		36-157	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-15 Batch: WG1924053-2 WG1924053-3								
n-Nitrosodi-n-propylamine	90		98		32-121	9		50
Bis(2-ethylhexyl)phthalate	107		120		40-140	11		50
Butyl benzyl phthalate	106		116		40-140	9		50
Di-n-butylphthalate	106		116		40-140	9		50
Di-n-octylphthalate	100		114		40-140	13		50
Diethyl phthalate	104		115		40-140	10		50
Dimethyl phthalate	102		112		40-140	9		50
Benzo(a)anthracene	95		102		40-140	7		50
Benzo(a)pyrene	100		111		40-140	10		50
Benzo(b)fluoranthene	101		110		40-140	9		50
Benzo(k)fluoranthene	98		110		40-140	12		50
Chrysene	95		104		40-140	9		50
Acenaphthylene	101		110		40-140	9		50
Anthracene	101		109		40-140	8		50
Benzo(ghi)perylene	98		107		40-140	9		50
Fluorene	99		107		40-140	8		50
Phenanthrene	99		107		40-140	8		50
Dibenzo(a,h)anthracene	99		108		40-140	9		50
Indeno(1,2,3-cd)pyrene	97		104		40-140	7		50
Pyrene	101		106		35-142	5		50
Biphenyl	84		94		37-127	11		50
4-Chloroaniline	79		84		40-140	6		50
2-Nitroaniline	104		115		47-134	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-15 Batch: WG1924053-2 WG1924053-3								
3-Nitroaniline	92		93		26-129	1		50
4-Nitroaniline	96		108		41-125	12		50
Dibenzofuran	101		111		40-140	9		50
2-Methylnaphthalene	94		105		40-140	11		50
1,2,4,5-Tetrachlorobenzene	87		94		40-117	8		50
Acetophenone	82		88		14-144	7		50
2,4,6-Trichlorophenol	105		118		30-130	12		50
p-Chloro-m-cresol	103		**113**	Q	26-103	9		50
2-Chlorophenol	92		99		25-102	7		50
2,4-Dichlorophenol	101		110		30-130	9		50
2,4-Dimethylphenol	91		98		30-130	7		50
2-Nitrophenol	101		109		30-130	8		50
4-Nitrophenol	104		114		11-114	9		50
2,4-Dinitrophenol	89		106		4-130	17		50
4,6-Dinitro-o-cresol	114		130		10-130	13		50
Pentachlorophenol	97		**111**	Q	17-109	13		50
Phenol	90		**98**	Q	26-90	9		50
2-Methylphenol	94		101		30-130.	7		50
3-Methylphenol/4-Methylphenol	101		110		30-130	9		50
2,4,5-Trichlorophenol	109		117		30-130	7		50
Benzoic Acid	23		38		10-110	49		50
Benzyl Alcohol	100		105		40-140	5		50
Carbazole	100		107		54-128	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2427915

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-15 Batch: WG1924053-2 WG1924053-3								
1,4-Dioxane	56		57		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	86		93		25-120
Phenol-d6	86		93		10-120
Nitrobenzene-d5	93		99		23-120
2-Fluorobiphenyl	90		101		30-120
2,4,6-Tribromophenol	106		121		10-136
4-Terphenyl-d14	93		105		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1925545-2 WG1925545-3								
Acenaphthene	73		78		31-137	7		50
1,2,4-Trichlorobenzene	69		81		38-107	16		50
Hexachlorobenzene	81		88		40-140	8		50
Bis(2-chloroethyl)ether	72		84		40-140	15		50
2-Chloronaphthalene	74		82		40-140	10		50
1,2-Dichlorobenzene	68		78		40-140	14		50
1,3-Dichlorobenzene	67		77		40-140	14		50
1,4-Dichlorobenzene	68		78		28-104	14		50
3,3'-Dichlorobenzidine	69		71		40-140	3		50
2,4-Dinitrotoluene	77		86		40-132	11		50
2,6-Dinitrotoluene	87		96		40-140	10		50
Fluoranthene	81		88		40-140	8		50
4-Chlorophenyl phenyl ether	78		85		40-140	9		50
4-Bromophenyl phenyl ether	83		90		40-140	8		50
Bis(2-chloroisopropyl)ether	67		79		40-140	16		50
Bis(2-chloroethoxy)methane	79		89		40-117	12		50
Hexachlorobutadiene	68		78		40-140	14		50
Hexachlorocyclopentadiene	74		84		40-140	13		50
Hexachloroethane	70		80		40-140	13		50
Isophorone	80		91		40-140	13		50
Naphthalene	71		80		40-140	12		50
Nitrobenzene	81		96		40-140	17		50
NDPA/DPA	78		85		36-157	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1925545-2 WG1925545-3								
n-Nitrosodi-n-propylamine	81		92		32-121	13		50
Bis(2-ethylhexyl)phthalate	83		90		40-140	8		50
Butyl benzyl phthalate	88		96		40-140	9		50
Di-n-butylphthalate	82		89		40-140	8		50
Di-n-octylphthalate	81		90		40-140	11		50
Diethyl phthalate	77		84		40-140	9		50
Dimethyl phthalate	77		85		40-140	10		50
Benzo(a)anthracene	78		86		40-140	10		50
Benzo(a)pyrene	83		92		40-140	10		50
Benzo(b)fluoranthene	82		91		40-140	10		50
Benzo(k)fluoranthene	79		85		40-140	7		50
Chrysene	77		85		40-140	10		50
Acenaphthylene	80		90		40-140	12		50
Anthracene	80		86		40-140	7		50
Benzo(ghi)perylene	79		87		40-140	10		50
Fluorene	75		82		40-140	9		50
Phenanthrene	76		83		40-140	9		50
Dibenzo(a,h)anthracene	78		86		40-140	10		50
Indeno(1,2,3-cd)pyrene	80		88		40-140	10		50
Pyrene	80		86		35-142	7		50
Biphenyl	66		72		37-127	9		50
4-Chloroaniline	52		50		40-140	4		50
2-Nitroaniline	93		103		47-134	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1925545-2 WG1925545-3								
3-Nitroaniline	81		82		26-129	1		50
4-Nitroaniline	84		89		41-125	6		50
Dibenzofuran	75		82		40-140	9		50
2-Methylnaphthalene	76		84		40-140	10		50
1,2,4,5-Tetrachlorobenzene	70		78		40-117	11		50
Acetophenone	69		80		14-144	15		50
2,4,6-Trichlorophenol	82		91		30-130	10		50
p-Chloro-m-cresol	86		93		26-103	8		50
2-Chlorophenol	76		90		25-102	17		50
2,4-Dichlorophenol	80		93		30-130	15		50
2,4-Dimethylphenol	77		88		30-130	13		50
2-Nitrophenol	95		112		30-130	16		50
4-Nitrophenol	104		114		11-114	9		50
2,4-Dinitrophenol	82		90		4-130	9		50
4,6-Dinitro-o-cresol	91		103		10-130	12		50
Pentachlorophenol	77		84		17-109	9		50
Phenol	83		**94**	Q	26-90	12		50
2-Methylphenol	84		94		30-130.	11		50
3-Methylphenol/4-Methylphenol	85		97		30-130	13		50
2,4,5-Trichlorophenol	84		93		30-130	10		50
Benzoic Acid	36		44		10-110	20		50
Benzyl Alcohol	87		102		40-140	16		50
Carbazole	81		86		54-128	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2427915

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1925545-2 WG1925545-3								
1,4-Dioxane	52		59		40-140	13		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		89		25-120
Phenol-d6	80		92		10-120
Nitrobenzene-d5	78		91		23-120
2-Fluorobiphenyl	67		73		30-120
2,4,6-Tribromophenol	84		89		10-136
4-Terphenyl-d14	77		83		18-120

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-01
Client ID: TS-01_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 10:50
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/22/24 21:03
Analyst: MHG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.8	5.13	1	A
Aroclor 1221	ND		ug/kg	57.8	5.79	1	A
Aroclor 1232	ND		ug/kg	57.8	12.2	1	A
Aroclor 1242	ND		ug/kg	57.8	7.79	1	A
Aroclor 1248	ND		ug/kg	57.8	8.66	1	A
Aroclor 1254	ND		ug/kg	57.8	6.32	1	A
Aroclor 1260	33.4	J	ug/kg	57.8	10.7	1	A
Aroclor 1262	ND		ug/kg	57.8	7.34	1	A
Aroclor 1268	ND		ug/kg	57.8	5.98	1	A
PCBs, Total	33.4	J	ug/kg	57.8	5.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-02
Client ID: TS-02_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 10:55
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/22/24 21:11
Analyst: MHG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.7	5.30	1	A
Aroclor 1221	ND		ug/kg	59.7	5.99	1	A
Aroclor 1232	ND		ug/kg	59.7	12.7	1	A
Aroclor 1242	ND		ug/kg	59.7	8.05	1	A
Aroclor 1248	ND		ug/kg	59.7	8.96	1	A
Aroclor 1254	ND		ug/kg	59.7	6.54	1	A
Aroclor 1260	23.3	J	ug/kg	59.7	11.0	1	A
Aroclor 1262	ND		ug/kg	59.7	7.59	1	A
Aroclor 1268	10.3	J	ug/kg	59.7	6.19	1	A
PCBs, Total	33.6	J	ug/kg	59.7	5.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-03
Client ID: TS-03_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/22/24 21:19
Analyst: MHG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.0	4.98	1	A
Aroclor 1221	ND		ug/kg	56.0	5.62	1	A
Aroclor 1232	ND		ug/kg	56.0	11.9	1	A
Aroclor 1242	ND		ug/kg	56.0	7.56	1	A
Aroclor 1248	ND		ug/kg	56.0	8.41	1	A
Aroclor 1254	ND		ug/kg	56.0	6.13	1	A
Aroclor 1260	12.3	J	ug/kg	56.0	10.4	1	B
Aroclor 1262	ND		ug/kg	56.0	7.12	1	A
Aroclor 1268	8.28	J	ug/kg	56.0	5.81	1	A
PCBs, Total	20.6	J	ug/kg	56.0	4.98	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-04
Client ID: TS-04_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/22/24 21:26
Analyst: MHG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.6	5.03	1	A
Aroclor 1221	ND		ug/kg	56.6	5.67	1	A
Aroclor 1232	ND		ug/kg	56.6	12.0	1	A
Aroclor 1242	ND		ug/kg	56.6	7.63	1	A
Aroclor 1248	ND		ug/kg	56.6	8.49	1	A
Aroclor 1254	132		ug/kg	56.6	6.19	1	A
Aroclor 1260	35.1	J	ug/kg	56.6	10.5	1	A
Aroclor 1262	ND		ug/kg	56.6	7.19	1	A
Aroclor 1268	ND		ug/kg	56.6	5.86	1	A
PCBs, Total	167	J	ug/kg	56.6	5.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-05
Client ID: TS-05_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:35
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/23/24 00:30
Analyst: MHG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.5	5.28	1	A
Aroclor 1221	ND		ug/kg	59.5	5.96	1	A
Aroclor 1232	ND		ug/kg	59.5	12.6	1	A
Aroclor 1242	ND		ug/kg	59.5	8.02	1	A
Aroclor 1248	ND		ug/kg	59.5	8.93	1	A
Aroclor 1254	ND		ug/kg	59.5	6.51	1	A
Aroclor 1260	15.6	J	ug/kg	59.5	11.0	1	A
Aroclor 1262	ND		ug/kg	59.5	7.56	1	A
Aroclor 1268	ND		ug/kg	59.5	6.16	1	A
PCBs, Total	15.6	J	ug/kg	59.5	5.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-06
Client ID: TS-06_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:45
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/23/24 00:38
Analyst: MHG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.3	5.09	1	A
Aroclor 1221	ND		ug/kg	57.3	5.74	1	A
Aroclor 1232	ND		ug/kg	57.3	12.2	1	A
Aroclor 1242	ND		ug/kg	57.3	7.73	1	A
Aroclor 1248	ND		ug/kg	57.3	8.60	1	A
Aroclor 1254	76.9		ug/kg	57.3	6.27	1	A
Aroclor 1260	20.6	J	ug/kg	57.3	10.6	1	A
Aroclor 1262	ND		ug/kg	57.3	7.28	1	A
Aroclor 1268	9.77	J	ug/kg	57.3	5.94	1	A
PCBs, Total	107	J	ug/kg	57.3	5.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-07
Client ID: TS-07_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/23/24 00:46
Analyst: MHG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.3	4.91	1	A
Aroclor 1221	ND		ug/kg	55.3	5.54	1	A
Aroclor 1232	ND		ug/kg	55.3	11.7	1	A
Aroclor 1242	ND		ug/kg	55.3	7.46	1	A
Aroclor 1248	ND		ug/kg	55.3	8.30	1	A
Aroclor 1254	ND		ug/kg	55.3	6.05	1	A
Aroclor 1260	ND		ug/kg	55.3	10.2	1	A
Aroclor 1262	ND		ug/kg	55.3	7.02	1	A
Aroclor 1268	ND		ug/kg	55.3	5.73	1	A
PCBs, Total	ND		ug/kg	55.3	4.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-08
Client ID: TS-08_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/23/24 00:54
Analyst: MHG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.7	5.21	1	A
Aroclor 1221	ND		ug/kg	58.7	5.88	1	A
Aroclor 1232	ND		ug/kg	58.7	12.4	1	A
Aroclor 1242	ND		ug/kg	58.7	7.91	1	A
Aroclor 1248	60.2		ug/kg	58.7	8.80	1	B
Aroclor 1254	55.2	J	ug/kg	58.7	6.42	1	A
Aroclor 1260	19.6	J	ug/kg	58.7	10.8	1	A
Aroclor 1262	ND		ug/kg	58.7	7.45	1	A
Aroclor 1268	ND		ug/kg	58.7	6.08	1	A
PCBs, Total	135	J	ug/kg	58.7	5.21	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-09
Client ID: TS-09_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:45
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/23/24 01:02
Analyst: MEO
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	62.6	5.56	1	A
Aroclor 1221	ND		ug/kg	62.6	6.27	1	A
Aroclor 1232	ND		ug/kg	62.6	13.3	1	A
Aroclor 1242	ND		ug/kg	62.6	8.43	1	A
Aroclor 1248	ND		ug/kg	62.6	9.38	1	A
Aroclor 1254	ND		ug/kg	62.6	6.84	1	A
Aroclor 1260	ND		ug/kg	62.6	11.6	1	A
Aroclor 1262	ND		ug/kg	62.6	7.95	1	A
Aroclor 1268	ND		ug/kg	62.6	6.48	1	A
PCBs, Total	ND		ug/kg	62.6	5.56	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-10
Client ID: TS-10_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:55
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/23/24 01:09
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.5	5.02	1	A
Aroclor 1221	ND		ug/kg	56.5	5.66	1	A
Aroclor 1232	ND		ug/kg	56.5	12.0	1	A
Aroclor 1242	ND		ug/kg	56.5	7.62	1	A
Aroclor 1248	ND		ug/kg	56.5	8.48	1	A
Aroclor 1254	80.8		ug/kg	56.5	6.18	1	A
Aroclor 1260	18.7	J	ug/kg	56.5	10.4	1	A
Aroclor 1262	ND		ug/kg	56.5	7.18	1	A
Aroclor 1268	ND		ug/kg	56.5	5.85	1	A
PCBs, Total	99.5	J	ug/kg	56.5	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-11
Client ID: TS-11_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 13:05
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/23/24 01:17
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.5	5.02	1	A
Aroclor 1221	ND		ug/kg	56.5	5.66	1	A
Aroclor 1232	ND		ug/kg	56.5	12.0	1	A
Aroclor 1242	ND		ug/kg	56.5	7.62	1	A
Aroclor 1248	ND		ug/kg	56.5	8.48	1	A
Aroclor 1254	793		ug/kg	56.5	6.18	1	B
Aroclor 1260	ND		ug/kg	56.5	10.4	1	A
Aroclor 1262	ND		ug/kg	56.5	7.18	1	A
Aroclor 1268	ND		ug/kg	56.5	5.86	1	A
PCBs, Total	793		ug/kg	56.5	5.02	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-12
Client ID: TS-12_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 13:35
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/23/24 01:25
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.1	5.25	1	A
Aroclor 1221	ND		ug/kg	59.1	5.92	1	A
Aroclor 1232	ND		ug/kg	59.1	12.5	1	A
Aroclor 1242	ND		ug/kg	59.1	7.96	1	A
Aroclor 1248	ND		ug/kg	59.1	8.86	1	A
Aroclor 1254	ND		ug/kg	59.1	6.46	1	A
Aroclor 1260	ND		ug/kg	59.1	10.9	1	A
Aroclor 1262	ND		ug/kg	59.1	7.50	1	A
Aroclor 1268	ND		ug/kg	59.1	6.12	1	A
PCBs, Total	ND		ug/kg	59.1	5.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-13
Client ID: TS-13_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 13:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/22/24 23:09
Analyst: MHG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:51
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.4	4.92	1	A
Aroclor 1221	ND		ug/kg	55.4	5.55	1	A
Aroclor 1232	ND		ug/kg	55.4	11.7	1	A
Aroclor 1242	ND		ug/kg	55.4	7.47	1	A
Aroclor 1248	ND		ug/kg	55.4	8.31	1	A
Aroclor 1254	ND		ug/kg	55.4	6.06	1	A
Aroclor 1260	ND		ug/kg	55.4	10.2	1	A
Aroclor 1262	ND		ug/kg	55.4	7.03	1	A
Aroclor 1268	ND		ug/kg	55.4	5.74	1	A
PCBs, Total	ND		ug/kg	55.4	4.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-14
Client ID: TS-14_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 14:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/22/24 23:17
Analyst: MHG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:51
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.7	5.30	1	A
Aroclor 1221	ND		ug/kg	59.7	5.98	1	A
Aroclor 1232	ND		ug/kg	59.7	12.7	1	A
Aroclor 1242	ND		ug/kg	59.7	8.05	1	A
Aroclor 1248	ND		ug/kg	59.7	8.96	1	A
Aroclor 1254	84.8		ug/kg	59.7	6.53	1	A
Aroclor 1260	29.4	J	ug/kg	59.7	11.0	1	A
Aroclor 1262	ND		ug/kg	59.7	7.58	1	A
Aroclor 1268	7.99	J	ug/kg	59.7	6.19	1	A
PCBs, Total	122	J	ug/kg	59.7	5.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	36		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	34		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-15
Client ID: TS-15_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 14:10
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/22/24 23:25
Analyst: MHG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:51
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.7	5.22	1	A
Aroclor 1221	ND		ug/kg	58.7	5.88	1	A
Aroclor 1232	ND		ug/kg	58.7	12.4	1	A
Aroclor 1242	ND		ug/kg	58.7	7.92	1	A
Aroclor 1248	ND		ug/kg	58.7	8.81	1	A
Aroclor 1254	217		ug/kg	58.7	6.43	1	A
Aroclor 1260	65.9		ug/kg	58.7	10.8	1	A
Aroclor 1262	ND		ug/kg	58.7	7.46	1	A
Aroclor 1268	16.8	J	ug/kg	58.7	6.08	1	A
PCBs, Total	300	J	ug/kg	58.7	5.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/23/24 00:06
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-15 Batch: WG1924106-1						
Aroclor 1016	ND		ug/kg	48.4	4.29	A
Aroclor 1221	ND		ug/kg	48.4	4.84	A
Aroclor 1232	ND		ug/kg	48.4	10.2	A
Aroclor 1242	ND		ug/kg	48.4	6.52	A
Aroclor 1248	ND		ug/kg	48.4	7.25	A
Aroclor 1254	ND		ug/kg	48.4	5.29	A
Aroclor 1260	ND		ug/kg	48.4	8.94	A
Aroclor 1262	ND		ug/kg	48.4	6.14	A
Aroclor 1268	ND		ug/kg	48.4	5.01	A
PCBs, Total	ND		ug/kg	48.4	4.29	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	92		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2427915

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-15 Batch: WG1924106-2 WG1924106-3									
Aroclor 1016	86		85		40-140	1		50	A
Aroclor 1260	83		84		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		77		30-150	A
Decachlorobiphenyl	95		98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		81		30-150	B
Decachlorobiphenyl	89		94		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-01
Client ID: TS-01_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 10:50
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/25/24 13:37
Analyst: MMG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.770	0.344	1	A
Alpha-BHC	ND		ug/kg	0.770	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	0.774	J	ug/kg	0.924	0.414	1	B
Aldrin	2.78		ug/kg	1.85	0.651	1	B
Heptachlor epoxide	22.6		ug/kg	3.46	1.04	1	A
Endrin	ND		ug/kg	0.770	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.809	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	50.0		ug/kg	1.16	0.578	1	B
4,4'-DDD	46.5		ug/kg	1.85	0.659	1	A
4,4'-DDT	98.2		ug/kg	1.85	1.49	1	B
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.770	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.70	1	A
cis-Chlordane	67.8	IP	ug/kg	2.31	0.644	1	B
trans-Chlordane	64.8		ug/kg	2.31	0.610	1	B
Chlordane	391		ug/kg	15.4	6.12	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2427915
Project Number: 3858.0004Y000
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-01 D
Client ID: TS-01_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 10:50
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/27/24 14:58
Analyst: AKM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	445		ug/kg	9.24	2.14	5	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-02
Client ID: TS-02_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 10:55
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/24/24 23:11
Analyst: AKM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.95	0.382	1	A
Lindane	ND		ug/kg	0.812	0.363	1	A
Alpha-BHC	ND		ug/kg	0.812	0.230	1	A
Beta-BHC	ND		ug/kg	1.95	0.739	1	A
Heptachlor	ND		ug/kg	0.974	0.437	1	A
Aldrin	ND		ug/kg	1.95	0.686	1	A
Heptachlor epoxide	73.3		ug/kg	3.65	1.10	1	B
Endrin	ND		ug/kg	0.812	0.333	1	A
Endrin aldehyde	ND		ug/kg	2.44	0.852	1	A
Endrin ketone	ND		ug/kg	1.95	0.502	1	A
4,4'-DDE	186		ug/kg	1.95	0.450	1	A
4,4'-DDD	ND		ug/kg	1.95	0.695	1	A
4,4'-DDT	53.2		ug/kg	1.95	1.57	1	A
Endosulfan I	ND		ug/kg	1.95	0.460	1	A
Endosulfan II	ND		ug/kg	1.95	0.651	1	A
Endosulfan sulfate	ND		ug/kg	0.812	0.386	1	A
Methoxychlor	ND		ug/kg	3.65	1.14	1	A
Toxaphene	ND		ug/kg	36.5	10.2	1	A
cis-Chlordane	65.8	IP	ug/kg	2.44	0.679	1	B
trans-Chlordane	60.1		ug/kg	2.44	0.643	1	B
Chlordane	438	IP	ug/kg	16.2	6.45	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-02 D
Client ID: TS-02_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 10:55
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/25/24 16:08
Analyst: AKM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	478		ug/kg	6.09	3.04	5	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-03
Client ID: TS-03_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/24/24 22:59
Analyst: AKM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.768	0.343	1	A
Alpha-BHC	ND		ug/kg	0.768	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.699	1	A
Heptachlor	ND		ug/kg	0.922	0.413	1	A
Aldrin	ND		ug/kg	1.84	0.649	1	A
Heptachlor epoxide	27.8		ug/kg	3.46	1.04	1	B
Endrin	ND		ug/kg	0.768	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.806	1	A
Endrin ketone	ND		ug/kg	1.84	0.475	1	A
Dieldrin	118		ug/kg	1.15	0.576	1	B
4,4'-DDE	79.5		ug/kg	1.84	0.426	1	A
4,4'-DDD	3.28	IP	ug/kg	1.84	0.657	1	B
4,4'-DDT	103		ug/kg	1.84	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.435	1	A
Endosulfan II	ND		ug/kg	1.84	0.616	1	A
Endosulfan sulfate	ND		ug/kg	0.768	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.68	1	A
cis-Chlordane	32.8	IP	ug/kg	2.30	0.642	1	B
trans-Chlordane	32.2		ug/kg	2.30	0.608	1	B
Chlordane	236	IP	ug/kg	15.4	6.10	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-03 Date Collected: 05/20/24 11:00

Client ID: TS-03_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	**27**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-04
Client ID: TS-04_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/24/24 23:35
Analyst: AKM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	B
Lindane	ND		ug/kg	0.764	0.342	1	B
Alpha-BHC	ND		ug/kg	0.764	0.217	1	B
Beta-BHC	ND		ug/kg	1.83	0.696	1	B
Heptachlor	ND		ug/kg	0.917	0.411	1	B
Aldrin	ND		ug/kg	1.83	0.646	1	B
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	B
Endrin	ND		ug/kg	0.764	0.313	1	B
Endrin aldehyde	ND		ug/kg	2.29	0.803	1	B
Endrin ketone	ND		ug/kg	1.83	0.472	1	B
Dieldrin	ND		ug/kg	1.15	0.573	1	B
4,4'-DDE	45.2	P	ug/kg	1.83	0.424	1	B
4,4'-DDD	5.21	P	ug/kg	1.83	0.654	1	B
4,4'-DDT	51.0	P	ug/kg	1.83	1.48	1	B
Endosulfan I	ND		ug/kg	1.83	0.433	1	B
Endosulfan II	ND		ug/kg	1.83	0.613	1	B
Endosulfan sulfate	ND		ug/kg	0.764	0.364	1	B
Methoxychlor	ND		ug/kg	3.44	1.07	1	B
Toxaphene	ND		ug/kg	34.4	9.63	1	B
cis-Chlordane	6.84	P	ug/kg	2.29	0.639	1	B
trans-Chlordane	18.5	P	ug/kg	2.29	0.605	1	B
Chlordane	73.7	P	ug/kg	15.3	6.08	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-04 Date Collected: 05/20/24 11:30

Client ID: TS-04_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	**14**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-05
Client ID: TS-05_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:35
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/25/24 11:58
Analyst: MMG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.365	1	A
Lindane	ND		ug/kg	0.776	0.347	1	A
Alpha-BHC	ND		ug/kg	0.776	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.706	1	A
Heptachlor	ND		ug/kg	0.931	0.418	1	B
Aldrin	ND		ug/kg	1.86	0.656	1	A
Heptachlor epoxide	ND		ug/kg	3.49	1.05	1	A
Endrin	ND		ug/kg	0.776	0.318	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.815	1	A
Endrin ketone	ND		ug/kg	1.86	0.480	1	A
Dieldrin	1.69		ug/kg	1.16	0.582	1	A
4,4'-DDE	4.61		ug/kg	1.86	0.431	1	A
4,4'-DDD	1.46	J	ug/kg	1.86	0.664	1	A
4,4'-DDT	12.2		ug/kg	1.86	1.50	1	A
Endosulfan I	ND		ug/kg	1.86	0.440	1	A
Endosulfan II	ND		ug/kg	1.86	0.622	1	A
Endosulfan sulfate	ND		ug/kg	0.776	0.369	1	A
Methoxychlor	ND		ug/kg	3.49	1.09	1	A
Toxaphene	ND		ug/kg	34.9	9.78	1	A
cis-Chlordane	1.94	JIP	ug/kg	2.33	0.649	1	B
trans-Chlordane	2.26	JIP	ug/kg	2.33	0.615	1	B
Chlordane	ND		ug/kg	15.5	6.17	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-05 Date Collected: 05/20/24 11:35

Client ID: TS-05_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-06
Client ID: TS-06_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 11:45
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/25/24 12:10
Analyst: MMG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.750	0.335	1	A
Alpha-BHC	ND		ug/kg	0.750	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.682	1	A
Heptachlor	ND		ug/kg	0.900	0.403	1	A
Aldrin	ND		ug/kg	1.80	0.633	1	A
Heptachlor epoxide	4.87		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.750	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.787	1	A
Endrin ketone	ND		ug/kg	1.80	0.463	1	A
Dieldrin	6.16		ug/kg	1.12	0.562	1	A
4,4'-DDE	43.5		ug/kg	1.80	0.416	1	A
4,4'-DDD	7.27		ug/kg	1.80	0.642	1	B
4,4'-DDT	118		ug/kg	1.80	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.601	1	A
Endosulfan sulfate	ND		ug/kg	0.750	0.357	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.44	1	A
cis-Chlordane	19.4		ug/kg	2.25	0.627	1	A
trans-Chlordane	17.1		ug/kg	2.25	0.594	1	B
Chlordane	148		ug/kg	15.0	5.96	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-06 Date Collected: 05/20/24 11:45

Client ID: TS-06_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-07
Client ID: TS-07_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/25/24 12:47
Analyst: MMG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.733	0.328	1	A
Alpha-BHC	ND		ug/kg	0.733	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.667	1	A
Heptachlor	11.9		ug/kg	0.879	0.394	1	A
Aldrin	1.67	J	ug/kg	1.76	0.619	1	B
Heptachlor epoxide	ND		ug/kg	3.30	0.989	1	A
Endrin	ND		ug/kg	0.733	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.770	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	4.09	IP	ug/kg	1.10	0.550	1	A
4,4'-DDE	12.6		ug/kg	1.76	0.407	1	A
4,4'-DDD	2.83		ug/kg	1.76	0.627	1	B
4,4'-DDT	111		ug/kg	1.76	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.733	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.03	1	A
Toxaphene	ND		ug/kg	33.0	9.23	1	A
cis-Chlordane	56.6	IP	ug/kg	2.20	0.613	1	B
trans-Chlordane	67.8		ug/kg	2.20	0.580	1	B
Chlordane	565		ug/kg	14.6	5.83	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-07 Date Collected: 05/20/24 12:00

Client ID: TS-07_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-08
Client ID: TS-08_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/25/24 12:35
Analyst: MMG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.381	1	A
Lindane	ND		ug/kg	0.810	0.362	1	A
Alpha-BHC	ND		ug/kg	0.810	0.230	1	A
Beta-BHC	ND		ug/kg	1.94	0.737	1	A
Heptachlor	10.6		ug/kg	0.972	0.436	1	A
Aldrin	24.2		ug/kg	1.94	0.684	1	B
Heptachlor epoxide	7.00		ug/kg	3.64	1.09	1	A
Endrin	ND		ug/kg	0.810	0.332	1	A
Endrin aldehyde	ND		ug/kg	2.43	0.851	1	A
Endrin ketone	ND		ug/kg	1.94	0.501	1	A
Dieldrin	21.5		ug/kg	1.22	0.608	1	B
4,4'-DDE	43.8		ug/kg	1.94	0.450	1	A
4,4'-DDD	5.11		ug/kg	1.94	0.693	1	B
4,4'-DDT	73.3		ug/kg	1.94	1.56	1	A
Endosulfan I	ND		ug/kg	1.94	0.459	1	A
Endosulfan II	ND		ug/kg	1.94	0.650	1	A
Endosulfan sulfate	ND		ug/kg	0.810	0.386	1	A
Methoxychlor	ND		ug/kg	3.64	1.13	1	A
Toxaphene	ND		ug/kg	36.4	10.2	1	A
cis-Chlordane	40.1		ug/kg	2.43	0.677	1	A
trans-Chlordane	36.7		ug/kg	2.43	0.642	1	B
Chlordane	341		ug/kg	16.2	6.44	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-08 Date Collected: 05/20/24 12:30

Client ID: TS-08_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-09
Client ID: TS-09_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:45
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/25/24 13:00
Analyst: MMG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.97	0.386	1	A
Lindane	ND		ug/kg	0.822	0.367	1	A
Alpha-BHC	ND		ug/kg	0.822	0.233	1	A
Beta-BHC	ND		ug/kg	1.97	0.748	1	A
Heptachlor	ND		ug/kg	0.986	0.442	1	A
Aldrin	ND		ug/kg	1.97	0.694	1	A
Heptachlor epoxide	ND		ug/kg	3.70	1.11	1	A
Endrin	ND		ug/kg	0.822	0.337	1	A
Endrin aldehyde	ND		ug/kg	2.46	0.863	1	A
Endrin ketone	ND		ug/kg	1.97	0.508	1	A
Dieldrin	ND		ug/kg	1.23	0.616	1	A
4,4'-DDE	13.8		ug/kg	1.97	0.456	1	A
4,4'-DDD	ND		ug/kg	1.97	0.704	1	A
4,4'-DDT	12.9		ug/kg	1.97	1.59	1	B
Endosulfan I	ND		ug/kg	1.97	0.466	1	A
Endosulfan II	ND		ug/kg	1.97	0.659	1	A
Endosulfan sulfate	ND		ug/kg	0.822	0.391	1	A
Methoxychlor	ND		ug/kg	3.70	1.15	1	A
Toxaphene	ND		ug/kg	37.0	10.4	1	A
cis-Chlordane	ND		ug/kg	2.46	0.687	1	A
trans-Chlordane	ND		ug/kg	2.46	0.651	1	A
Chlordane	ND		ug/kg	16.4	6.53	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-09 Date Collected: 05/20/24 12:45

Client ID: TS-09_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-10
Client ID: TS-10_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 12:55
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/25/24 12:22
Analyst: MMG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.358	1	A
Lindane	ND		ug/kg	0.762	0.341	1	A
Alpha-BHC	ND		ug/kg	0.762	0.216	1	A
Beta-BHC	ND		ug/kg	1.83	0.693	1	A
Heptachlor	ND		ug/kg	0.914	0.410	1	A
Aldrin	ND		ug/kg	1.83	0.644	1	A
Heptachlor epoxide	ND		ug/kg	3.43	1.03	1	A
Endrin	ND		ug/kg	0.762	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.800	1	A
Endrin ketone	ND		ug/kg	1.83	0.471	1	A
Dieldrin	ND		ug/kg	1.14	0.572	1	A
4,4'-DDE	62.5		ug/kg	1.83	0.423	1	B
4,4'-DDD	11.7		ug/kg	1.83	0.652	1	B
4,4'-DDT	48.4		ug/kg	1.83	1.47	1	B
Endosulfan I	ND		ug/kg	1.83	0.432	1	A
Endosulfan II	ND		ug/kg	1.83	0.611	1	A
Endosulfan sulfate	ND		ug/kg	0.762	0.363	1	A
Methoxychlor	ND		ug/kg	3.43	1.07	1	A
Toxaphene	ND		ug/kg	34.3	9.60	1	A
cis-Chlordane	ND		ug/kg	2.29	0.637	1	A
trans-Chlordane	ND		ug/kg	2.29	0.604	1	A
Chlordane	ND		ug/kg	15.2	6.06	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-10 Date Collected: 05/20/24 12:55

Client ID: TS-10_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-11
Client ID: TS-11_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 13:05
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/25/24 13:12
Analyst: MMG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.755	0.338	1	A
Alpha-BHC	ND		ug/kg	0.755	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.687	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.755	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.793	1	A
Endrin ketone	ND		ug/kg	1.81	0.467	1	A
Dieldrin	ND		ug/kg	1.13	0.566	1	A
4,4'-DDE	49.8		ug/kg	1.81	0.419	1	B
4,4'-DDD	5.63		ug/kg	1.81	0.646	1	A
4,4'-DDT	76.2	IP	ug/kg	1.81	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.606	1	A
Endosulfan sulfate	ND		ug/kg	0.755	0.359	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.52	1	A
cis-Chlordane	14.8		ug/kg	2.26	0.631	1	B
trans-Chlordane	8.68	IP	ug/kg	2.26	0.598	1	A
Chlordane	111	IP	ug/kg	15.1	6.00	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-11 Date Collected: 05/20/24 13:05

Client ID: TS-11_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-12
Client ID: TS-12_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 13:35
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/25/24 13:25
Analyst: MMG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.369	1	A
Lindane	ND		ug/kg	0.784	0.351	1	A
Alpha-BHC	ND		ug/kg	0.784	0.223	1	A
Beta-BHC	ND		ug/kg	1.88	0.714	1	A
Heptachlor	ND		ug/kg	0.941	0.422	1	B
Aldrin	ND		ug/kg	1.88	0.663	1	A
Heptachlor epoxide	6.62		ug/kg	3.53	1.06	1	A
Endrin	ND		ug/kg	0.784	0.322	1	A
Endrin aldehyde	ND		ug/kg	2.35	0.824	1	A
Endrin ketone	ND		ug/kg	1.88	0.485	1	A
Dieldrin	32.0		ug/kg	1.18	0.588	1	A
4,4'-DDE	172		ug/kg	1.88	0.435	1	A
4,4'-DDD	2.82		ug/kg	1.88	0.671	1	A
4,4'-DDT	97.9		ug/kg	1.88	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.445	1	A
Endosulfan II	ND		ug/kg	1.88	0.629	1	A
Endosulfan sulfate	ND		ug/kg	0.784	0.373	1	A
Methoxychlor	ND		ug/kg	3.53	1.10	1	A
Toxaphene	ND		ug/kg	35.3	9.88	1	A
cis-Chlordane	11.2	IP	ug/kg	2.35	0.656	1	B
trans-Chlordane	11.7		ug/kg	2.35	0.621	1	B
Chlordane	106		ug/kg	15.7	6.24	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-12 Date Collected: 05/20/24 13:35

Client ID: TS-12_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-13
Client ID: TS-13_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 13:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/25/24 15:17
Analyst: MMG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.745	0.333	1	A
Alpha-BHC	ND		ug/kg	0.745	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.678	1	A
Heptachlor	ND		ug/kg	0.894	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.745	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.782	1	A
Endrin ketone	ND		ug/kg	1.79	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.559	1	A
4,4'-DDE	9.34		ug/kg	1.79	0.413	1	A
4,4'-DDD	ND		ug/kg	1.79	0.638	1	B
4,4'-DDT	6.46		ug/kg	1.79	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.422	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.745	0.355	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.39	1	A
cis-Chlordane	ND		ug/kg	2.24	0.623	1	A
trans-Chlordane	ND		ug/kg	2.24	0.590	1	A
Chlordane	ND		ug/kg	14.9	5.92	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-13 Date Collected: 05/20/24 13:40

Client ID: TS-13_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-14
Client ID: TS-14_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 14:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/25/24 15:29
Analyst: MMG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.375	1	A
Lindane	ND		ug/kg	0.798	0.356	1	A
Alpha-BHC	ND		ug/kg	0.798	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.726	1	A
Heptachlor	0.913	J	ug/kg	0.957	0.429	1	A
Aldrin	ND		ug/kg	1.91	0.674	1	A
Heptachlor epoxide	16.2		ug/kg	3.59	1.08	1	B
Endrin	ND		ug/kg	0.798	0.327	1	A
Endrin aldehyde	ND		ug/kg	2.39	0.838	1	A
Endrin ketone	ND		ug/kg	1.91	0.493	1	A
Dieldrin	ND		ug/kg	1.20	0.598	1	A
4,4'-DDE	19.0		ug/kg	1.91	0.443	1	A
4,4'-DDD	3.22		ug/kg	1.91	0.683	1	A
4,4'-DDT	70.5		ug/kg	1.91	1.54	1	B
Endosulfan I	ND		ug/kg	1.91	0.452	1	A
Endosulfan II	ND		ug/kg	1.91	0.640	1	A
Endosulfan sulfate	ND		ug/kg	0.798	0.380	1	A
Methoxychlor	ND		ug/kg	3.59	1.12	1	A
Toxaphene	ND		ug/kg	35.9	10.0	1	A
cis-Chlordane	33.6	IP	ug/kg	2.39	0.667	1	B
trans-Chlordane	43.0		ug/kg	2.39	0.632	1	B
Chlordane	311		ug/kg	16.0	6.34	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-14 Date Collected: 05/20/24 14:00

Client ID: TS-14_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-15
Client ID: TS-15_0-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/20/24 14:10
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/25/24 15:42
Analyst: MMG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 20:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.89	0.370	1	A
Lindane	ND		ug/kg	0.786	0.351	1	A
Alpha-BHC	ND		ug/kg	0.786	0.223	1	A
Beta-BHC	ND		ug/kg	1.89	0.716	1	A
Heptachlor	1.91		ug/kg	0.944	0.423	1	A
Aldrin	ND		ug/kg	1.89	0.664	1	A
Heptachlor epoxide	19.9		ug/kg	3.54	1.06	1	B
Endrin	ND		ug/kg	0.786	0.322	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.826	1	A
Endrin ketone	ND		ug/kg	1.89	0.486	1	A
Dieldrin	ND		ug/kg	1.18	0.590	1	A
4,4'-DDE	17.6		ug/kg	1.89	0.436	1	B
4,4'-DDD	3.13		ug/kg	1.89	0.673	1	B
4,4'-DDT	92.9		ug/kg	1.89	1.52	1	B
Endosulfan I	ND		ug/kg	1.89	0.446	1	A
Endosulfan II	ND		ug/kg	1.89	0.630	1	A
Endosulfan sulfate	ND		ug/kg	0.786	0.374	1	A
Methoxychlor	ND		ug/kg	3.54	1.10	1	A
Toxaphene	ND		ug/kg	35.4	9.91	1	A
cis-Chlordane	49.8	IP	ug/kg	2.36	0.657	1	B
trans-Chlordane	61.2		ug/kg	2.36	0.623	1	B
Chlordane	497		ug/kg	15.7	6.25	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-15 Date Collected: 05/20/24 14:10

Client ID: TS-15_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	110		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/22/24 12:24
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 05/21/24 13:53
Cleanup Method: EPA 3620B
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-15 Batch: WG1923953-1						
Delta-BHC	ND		ug/kg	1.59	0.311	A
Lindane	ND		ug/kg	0.661	0.295	A
Alpha-BHC	ND		ug/kg	0.661	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.601	A
Heptachlor	ND		ug/kg	0.793	0.356	A
Aldrin	ND		ug/kg	1.59	0.558	A
Heptachlor epoxide	ND		ug/kg	2.97	0.892	A
Endrin	ND		ug/kg	0.661	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.694	A
Endrin ketone	ND		ug/kg	1.59	0.408	A
Dieldrin	ND		ug/kg	0.991	0.496	A
4,4'-DDE	ND		ug/kg	1.59	0.367	A
4,4'-DDD	ND		ug/kg	1.59	0.566	A
4,4'-DDT	ND		ug/kg	1.59	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.375	A
Endosulfan II	ND		ug/kg	1.59	0.530	A
Endosulfan sulfate	ND		ug/kg	0.661	0.315	A
Methoxychlor	ND		ug/kg	2.97	0.925	A
Toxaphene	ND		ug/kg	29.7	8.33	A
cis-Chlordane	ND		ug/kg	1.98	0.552	A
trans-Chlordane	ND		ug/kg	1.98	0.523	A
Chlordane	ND		ug/kg	13.2	5.25	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/22/24 12:24
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 05/21/24 13:53
Cleanup Method: EPA 3620B
Cleanup Date: 05/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-15 Batch: WG1923953-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2427915

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-15 Batch: WG1923953-2 WG1923953-3									
Delta-BHC	95		96		30-150	1		30	A
Lindane	86		86		30-150	0		30	A
Alpha-BHC	88		87		30-150	1		30	A
Beta-BHC	100		100		30-150	0		30	A
Heptachlor	83		83		30-150	0		30	A
Aldrin	83		85		30-150	2		30	A
Heptachlor epoxide	69		68		30-150	1		30	A
Endrin	83		82		30-150	1		30	A
Endrin aldehyde	80		82		30-150	2		30	A
Endrin ketone	95		96		30-150	1		30	A
Dieldrin	89		89		30-150	0		30	A
4,4'-DDE	84		84		30-150	0		30	A
4,4'-DDD	98		98		30-150	0		30	A
4,4'-DDT	90		89		30-150	1		30	A
Endosulfan I	81		80		30-150	1		30	A
Endosulfan II	86		86		30-150	0		30	A
Endosulfan sulfate	92		94		30-150	2		30	A
Methoxychlor	90		93		30-150	3		30	A
cis-Chlordane	77		77		30-150	0		30	A
trans-Chlordane	91		111		30-150	20		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2427915

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-15 Batch: WG1923953-2 WG1923953-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		76		30-150	A
Decachlorobiphenyl	77		82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		84		30-150	B
Decachlorobiphenyl	74		76		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-01 Date Collected: 05/20/24 10:50

Client ID: TS-01_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10600		mg/kg	9.35	2.52	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Antimony, Total	0.588	J	mg/kg	4.67	0.355	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Arsenic, Total	19.2		mg/kg	0.935	0.194	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Barium, Total	104		mg/kg	0.935	0.163	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.376	J	mg/kg	0.467	0.031	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.450	J	mg/kg	0.935	0.092	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Calcium, Total	5060		mg/kg	9.35	3.27	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Chromium, Total	25.5		mg/kg	0.935	0.090	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.69		mg/kg	1.87	0.155	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Copper, Total	29.2		mg/kg	0.935	0.241	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Iron, Total	17200		mg/kg	4.67	0.844	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Lead, Total	135		mg/kg	4.67	0.250	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Magnesium, Total	4160		mg/kg	9.35	1.44	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Manganese, Total	326		mg/kg	0.935	0.149	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Mercury, Total	3.31		mg/kg	0.180	0.117	2	05/24/24 02:30	05/24/24 17:22	EPA 7471B	1,7471B	MJR
Nickel, Total	14.2		mg/kg	2.34	0.226	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Potassium, Total	1830		mg/kg	234	13.5	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Selenium, Total	0.247	J	mg/kg	1.87	0.241	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.467	0.264	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Sodium, Total	61.0	J	mg/kg	187	2.94	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.87	0.294	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Vanadium, Total	26.2		mg/kg	0.935	0.190	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF
Zinc, Total	110		mg/kg	4.67	0.274	2	05/24/24 01:40	05/24/24 19:29	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-02 Date Collected: 05/20/24 10:55

Client ID: TS-02_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11500		mg/kg	9.39	2.54	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Antimony, Total	0.802	J	mg/kg	4.70	0.357	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Arsenic, Total	81.0		mg/kg	0.939	0.195	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Barium, Total	139		mg/kg	0.939	0.163	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.464	J	mg/kg	0.470	0.031	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.935	J	mg/kg	0.939	0.092	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Calcium, Total	29200		mg/kg	9.39	3.29	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Chromium, Total	65.8		mg/kg	0.939	0.090	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.10		mg/kg	1.88	0.156	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Copper, Total	18.3		mg/kg	0.939	0.242	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Iron, Total	13100		mg/kg	4.70	0.848	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Lead, Total	115		mg/kg	4.70	0.252	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Magnesium, Total	6630		mg/kg	9.39	1.45	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Manganese, Total	418		mg/kg	0.939	0.149	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Mercury, Total	1.43		mg/kg	0.088	0.057	1	05/24/24 02:30	05/24/24 15:50	EPA 7471B	1,7471B	MJR
Nickel, Total	11.2		mg/kg	2.35	0.227	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Potassium, Total	899		mg/kg	235	13.5	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.88	0.242	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Silver, Total	0.292	J	mg/kg	0.470	0.266	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Sodium, Total	127	J	mg/kg	188	2.96	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.88	0.296	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Vanadium, Total	21.9		mg/kg	0.939	0.191	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF
Zinc, Total	122		mg/kg	4.70	0.275	2	05/24/24 01:40	05/24/24 19:18	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2427915
Project Number: 3858.0004Y000
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-03
Client ID: TS-03_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 11:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	12600		mg/kg	9.17	2.48	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Antimony, Total	0.858	J	mg/kg	4.58	0.348	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Arsenic, Total	70.8		mg/kg	0.917	0.191	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Barium, Total	158		mg/kg	0.917	0.160	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.450	J	mg/kg	0.458	0.030	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.672	J	mg/kg	0.917	0.090	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Calcium, Total	18800		mg/kg	9.17	3.21	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Chromium, Total	40.2		mg/kg	0.917	0.088	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.61		mg/kg	1.83	0.152	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Copper, Total	22.8		mg/kg	0.917	0.236	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Iron, Total	16900		mg/kg	4.58	0.828	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Lead, Total	128		mg/kg	4.58	0.246	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Magnesium, Total	5900		mg/kg	9.17	1.41	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Manganese, Total	338		mg/kg	0.917	0.146	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Mercury, Total	1.12		mg/kg	0.082	0.053	1	05/24/24 02:30	05/24/24 15:54	EPA 7471B	1,7471B	MJR
Nickel, Total	15.9		mg/kg	2.29	0.222	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Potassium, Total	2040		mg/kg	229	13.2	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.83	0.236	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.458	0.259	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Sodium, Total	205		mg/kg	183	2.89	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.83	0.289	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Vanadium, Total	26.4		mg/kg	0.917	0.186	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF
Zinc, Total	121		mg/kg	4.58	0.269	2	05/24/24 01:40	05/24/24 19:22	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2427915
Project Number: 3858.0004Y000
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-04
Client ID: TS-04_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 11:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8730		mg/kg	9.28	2.50	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Antimony, Total	1.09	J	mg/kg	4.64	0.352	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.94		mg/kg	0.928	0.193	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Barium, Total	103		mg/kg	0.928	0.161	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.341	J	mg/kg	0.464	0.031	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.479	J	mg/kg	0.928	0.091	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Calcium, Total	41300		mg/kg	9.28	3.25	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Chromium, Total	14.1		mg/kg	0.928	0.089	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.05		mg/kg	1.86	0.154	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Copper, Total	36.8		mg/kg	0.928	0.239	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Iron, Total	13500		mg/kg	4.64	0.838	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Lead, Total	128		mg/kg	4.64	0.249	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Magnesium, Total	8460		mg/kg	9.28	1.43	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Manganese, Total	220		mg/kg	0.928	0.148	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Mercury, Total	0.210		mg/kg	0.088	0.057	1	05/24/24 02:30	05/24/24 15:57	EPA 7471B	1,7471B	MJR
Nickel, Total	10.4		mg/kg	2.32	0.224	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Potassium, Total	1600		mg/kg	232	13.4	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.86	0.239	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.464	0.262	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Sodium, Total	457		mg/kg	186	2.92	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.86	0.292	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Vanadium, Total	21.6		mg/kg	0.928	0.188	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF
Zinc, Total	273		mg/kg	4.64	0.272	2	05/24/24 01:40	05/24/24 19:26	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-05 Date Collected: 05/20/24 11:35

Client ID: TS-05_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14100		mg/kg	9.14	2.47	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Antimony, Total	0.584	J	mg/kg	4.57	0.347	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.91		mg/kg	0.914	0.190	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Barium, Total	131		mg/kg	0.914	0.159	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.498		mg/kg	0.457	0.030	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.327	J	mg/kg	0.914	0.090	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Calcium, Total	10600		mg/kg	9.14	3.20	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Chromium, Total	21.4		mg/kg	0.914	0.088	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.02		mg/kg	1.83	0.152	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Copper, Total	20.3		mg/kg	0.914	0.236	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Iron, Total	18800		mg/kg	4.57	0.825	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Lead, Total	209		mg/kg	4.57	0.245	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Magnesium, Total	4390		mg/kg	9.14	1.41	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Manganese, Total	486		mg/kg	0.914	0.145	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Mercury, Total	0.111		mg/kg	0.084	0.055	1	05/24/24 02:30	05/24/24 16:00	EPA 7471B	1,7471B	MJR
Nickel, Total	16.4		mg/kg	2.28	0.221	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Potassium, Total	1700		mg/kg	228	13.2	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.83	0.236	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.457	0.259	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Sodium, Total	153	J	mg/kg	183	2.88	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.83	0.288	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Vanadium, Total	26.1		mg/kg	0.914	0.186	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF
Zinc, Total	258		mg/kg	4.57	0.268	2	05/24/24 01:40	05/24/24 20:04	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2427915
Project Number: 3858.0004Y000
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-06
Client ID: TS-06_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 11:45
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	9600		mg/kg	8.90	2.40	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Antimony, Total	0.519	J	mg/kg	4.45	0.338	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Arsenic, Total	8.09		mg/kg	0.890	0.185	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Barium, Total	141		mg/kg	0.890	0.155	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.358	J	mg/kg	0.445	0.029	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.480	J	mg/kg	0.890	0.087	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Calcium, Total	48300		mg/kg	8.90	3.11	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Chromium, Total	20.4		mg/kg	0.890	0.085	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.97		mg/kg	1.78	0.148	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Copper, Total	36.2		mg/kg	0.890	0.230	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Iron, Total	15300		mg/kg	4.45	0.803	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Lead, Total	146		mg/kg	4.45	0.238	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Magnesium, Total	6860		mg/kg	8.90	1.37	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Manganese, Total	279		mg/kg	0.890	0.141	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Mercury, Total	0.269		mg/kg	0.073	0.048	1	05/24/24 02:30	05/24/24 16:04	EPA 7471B	1,7471B	MJR
Nickel, Total	17.0		mg/kg	2.22	0.215	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Potassium, Total	1930		mg/kg	222	12.8	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.78	0.230	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.445	0.252	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Sodium, Total	191		mg/kg	178	2.80	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.78	0.280	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Vanadium, Total	25.1		mg/kg	0.890	0.181	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF
Zinc, Total	183		mg/kg	4.45	0.261	2	05/24/24 01:40	05/24/24 20:08	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-07 Date Collected: 05/20/24 12:00

Client ID: TS-07_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15100		mg/kg	8.97	2.42	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.48	0.341	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.30		mg/kg	0.897	0.186	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Barium, Total	138		mg/kg	0.897	0.156	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.449		mg/kg	0.448	0.030	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.325	J	mg/kg	0.897	0.088	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Calcium, Total	21300		mg/kg	8.97	3.14	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Chromium, Total	29.9		mg/kg	0.897	0.086	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Cobalt, Total	12.6		mg/kg	1.79	0.149	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Copper, Total	22.7		mg/kg	0.897	0.231	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Iron, Total	24100		mg/kg	4.48	0.810	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Lead, Total	55.5		mg/kg	4.48	0.240	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Magnesium, Total	6750		mg/kg	8.97	1.38	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Manganese, Total	294		mg/kg	0.897	0.143	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Mercury, Total	0.125		mg/kg	0.071	0.046	1	05/24/24 02:30	05/24/24 16:07	EPA 7471B	1,7471B	MJR
Nickel, Total	24.5		mg/kg	2.24	0.217	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Potassium, Total	3970		mg/kg	224	12.9	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.79	0.231	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.448	0.254	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Sodium, Total	164	J	mg/kg	179	2.82	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Thallium, Total	0.669	J	mg/kg	1.79	0.282	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Vanadium, Total	32.0		mg/kg	0.897	0.182	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF
Zinc, Total	155		mg/kg	4.48	0.263	2	05/24/24 01:40	05/24/24 20:12	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2427915
Project Number: 3858.0004Y000
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-08
Client ID: TS-08_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 12:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	6860		mg/kg	9.61	2.59	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Antimony, Total	2.54	J	mg/kg	4.80	0.365	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.46		mg/kg	0.961	0.200	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Barium, Total	126		mg/kg	0.961	0.167	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.319	J	mg/kg	0.480	0.032	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.291	J	mg/kg	0.961	0.094	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Calcium, Total	76400		mg/kg	9.61	3.36	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Chromium, Total	14.2		mg/kg	0.961	0.092	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.58		mg/kg	1.92	0.160	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Copper, Total	23.5		mg/kg	0.961	0.248	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Iron, Total	12200		mg/kg	4.80	0.868	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Lead, Total	107		mg/kg	4.80	0.258	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Magnesium, Total	26000		mg/kg	9.61	1.48	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Manganese, Total	204		mg/kg	0.961	0.153	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Mercury, Total	0.166		mg/kg	0.087	0.057	1	05/24/24 02:30	05/24/24 16:10	EPA 7471B	1,7471B	MJR
Nickel, Total	9.58		mg/kg	2.40	0.232	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Potassium, Total	1330		mg/kg	240	13.8	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.92	0.248	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.480	0.272	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Sodium, Total	189	J	mg/kg	192	3.03	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.92	0.303	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Vanadium, Total	22.3		mg/kg	0.961	0.195	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF
Zinc, Total	128		mg/kg	4.80	0.282	2	05/24/24 01:40	05/24/24 20:16	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2427915
Project Number: 3858.0004Y000
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-09
Client ID: TS-09_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 12:45
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	9300		mg/kg	10.2	2.74	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	5.08	0.386	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.36		mg/kg	1.02	0.211	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Barium, Total	77.9		mg/kg	1.02	0.177	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.302	J	mg/kg	0.508	0.034	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.282	J	mg/kg	1.02	0.100	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Calcium, Total	7440		mg/kg	10.2	3.55	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Chromium, Total	18.4		mg/kg	1.02	0.097	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.06		mg/kg	2.03	0.168	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Copper, Total	28.1		mg/kg	1.02	0.262	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Iron, Total	15100		mg/kg	5.08	0.916	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Lead, Total	32.1		mg/kg	5.08	0.272	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Magnesium, Total	6600		mg/kg	10.2	1.56	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Manganese, Total	305		mg/kg	1.02	0.161	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Mercury, Total	0.193		mg/kg	0.094	0.061	1	05/24/24 02:30	05/24/24 16:14	EPA 7471B	1,7471B	MJR
Nickel, Total	14.3		mg/kg	2.54	0.246	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Potassium, Total	2420		mg/kg	254	14.6	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	2.03	0.262	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.508	0.287	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Sodium, Total	92.9	J	mg/kg	203	3.20	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	2.03	0.320	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Vanadium, Total	25.1		mg/kg	1.02	0.206	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF
Zinc, Total	67.8		mg/kg	5.08	0.297	2	05/24/24 01:40	05/24/24 20:20	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-10 Date Collected: 05/20/24 12:55

Client ID: TS-10_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8300		mg/kg	9.31	2.51	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Antimony, Total	0.658	J	mg/kg	4.66	0.354	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Arsenic, Total	6.55		mg/kg	0.931	0.194	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Barium, Total	92.5		mg/kg	0.931	0.162	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.298	J	mg/kg	0.466	0.031	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.443	J	mg/kg	0.931	0.091	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Calcium, Total	32300		mg/kg	9.31	3.26	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Chromium, Total	14.2		mg/kg	0.931	0.089	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.29		mg/kg	1.86	0.154	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Copper, Total	21.2		mg/kg	0.931	0.240	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Iron, Total	11500		mg/kg	4.66	0.841	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Lead, Total	80.3		mg/kg	4.66	0.250	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Magnesium, Total	4170		mg/kg	9.31	1.43	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Manganese, Total	207		mg/kg	0.931	0.148	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Mercury, Total	0.141		mg/kg	0.077	0.050	1	05/24/24 02:30	05/24/24 16:17	EPA 7471B	1,7471B	MJR
Nickel, Total	10.0		mg/kg	2.33	0.225	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Potassium, Total	1590		mg/kg	233	13.4	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.86	0.240	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.466	0.264	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Sodium, Total	215		mg/kg	186	2.93	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.86	0.293	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Vanadium, Total	20.8		mg/kg	0.931	0.189	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF
Zinc, Total	312		mg/kg	4.66	0.273	2	05/24/24 01:40	05/24/24 20:24	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-11
Client ID: TS-11_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 13:05
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10300		mg/kg	8.81	2.38	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.40	0.335	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Arsenic, Total	6.28		mg/kg	0.881	0.183	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Barium, Total	93.5		mg/kg	0.881	0.153	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.345	J	mg/kg	0.440	0.029	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.383	J	mg/kg	0.881	0.086	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Calcium, Total	29700		mg/kg	8.81	3.08	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Chromium, Total	17.1		mg/kg	0.881	0.085	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.28		mg/kg	1.76	0.146	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Copper, Total	28.6		mg/kg	0.881	0.227	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Iron, Total	15300		mg/kg	4.40	0.795	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Lead, Total	104		mg/kg	4.40	0.236	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Magnesium, Total	6440		mg/kg	8.81	1.36	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Manganese, Total	230		mg/kg	0.881	0.140	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Mercury, Total	0.338		mg/kg	0.075	0.049	1	05/24/24 02:30	05/24/24 16:27	EPA 7471B	1,7471B	MJR
Nickel, Total	13.9		mg/kg	2.20	0.213	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Potassium, Total	1800		mg/kg	220	12.7	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.76	0.227	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.440	0.249	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Sodium, Total	193		mg/kg	176	2.77	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Thallium, Total	0.401	J	mg/kg	1.76	0.277	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Vanadium, Total	23.3		mg/kg	0.881	0.179	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF
Zinc, Total	136		mg/kg	4.40	0.258	2	05/24/24 01:40	05/24/24 20:27	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2427915

Project Number: 3858.0004Y000 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-12 Date Collected: 05/20/24 13:35

Client ID: TS-12_0-1 Date Received: 05/20/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10400		mg/kg	9.28	2.51	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Antimony, Total	0.468	J	mg/kg	4.64	0.353	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Arsenic, Total	18.0		mg/kg	0.928	0.193	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Barium, Total	85.4		mg/kg	0.928	0.162	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.352	J	mg/kg	0.464	0.031	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.378	J	mg/kg	0.928	0.091	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Calcium, Total	3580		mg/kg	9.28	3.25	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Chromium, Total	23.0		mg/kg	0.928	0.089	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.87		mg/kg	1.86	0.154	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Copper, Total	18.9		mg/kg	0.928	0.240	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Iron, Total	14600		mg/kg	4.64	0.838	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Lead, Total	66.4		mg/kg	4.64	0.249	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Magnesium, Total	4120		mg/kg	9.28	1.43	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Manganese, Total	260		mg/kg	0.928	0.148	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Mercury, Total	1.34		mg/kg	0.079	0.052	1	05/24/24 02:30	05/24/24 16:30	EPA 7471B	1,7471B	MJR
Nickel, Total	12.6		mg/kg	2.32	0.225	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Potassium, Total	1250		mg/kg	232	13.4	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.86	0.240	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.464	0.263	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Sodium, Total	48.2	J	mg/kg	186	2.92	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.86	0.292	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Vanadium, Total	24.5		mg/kg	0.928	0.188	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF
Zinc, Total	62.4		mg/kg	4.64	0.272	2	05/24/24 01:40	05/24/24 20:31	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2427915
Project Number: 3858.0004Y000
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-13
Client ID: TS-13_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 13:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	13800		mg/kg	9.06	2.45	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.53	0.344	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.12		mg/kg	0.906	0.188	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Barium, Total	82.9		mg/kg	0.906	0.158	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.484		mg/kg	0.453	0.030	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.243	J	mg/kg	0.906	0.089	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Calcium, Total	2060		mg/kg	9.06	3.17	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Chromium, Total	20.7		mg/kg	0.906	0.087	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.79		mg/kg	1.81	0.150	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Copper, Total	18.2		mg/kg	0.906	0.234	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Iron, Total	17100		mg/kg	4.53	0.818	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Lead, Total	61.6		mg/kg	4.53	0.243	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Magnesium, Total	4600		mg/kg	9.06	1.40	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Manganese, Total	387		mg/kg	0.906	0.144	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	05/24/24 02:30	05/24/24 16:33	EPA 7471B	1,7471B	MJR
Nickel, Total	14.2		mg/kg	2.27	0.219	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Potassium, Total	1010		mg/kg	227	13.0	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.81	0.234	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.453	0.256	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Sodium, Total	54.4	J	mg/kg	181	2.86	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Thallium, Total	0.383	J	mg/kg	1.81	0.286	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Vanadium, Total	25.4		mg/kg	0.906	0.184	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF
Zinc, Total	70.4		mg/kg	4.53	0.266	2	05/24/24 01:40	05/24/24 20:35	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2427915
Project Number: 3858.0004Y000
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-14
Client ID: TS-14_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 14:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7560		mg/kg	9.54	2.58	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Antimony, Total	0.632	J	mg/kg	4.77	0.362	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.07		mg/kg	0.954	0.198	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Barium, Total	109		mg/kg	0.954	0.166	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.281	J	mg/kg	0.477	0.032	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.267	J	mg/kg	0.954	0.094	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Calcium, Total	21300		mg/kg	9.54	3.34	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Chromium, Total	16.6		mg/kg	0.954	0.092	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.64		mg/kg	1.91	0.158	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Copper, Total	21.4		mg/kg	0.954	0.246	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Iron, Total	11900		mg/kg	4.77	0.861	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Lead, Total	41.8		mg/kg	4.77	0.256	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Magnesium, Total	3920		mg/kg	9.54	1.47	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Manganese, Total	226		mg/kg	0.954	0.152	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Mercury, Total	0.980		mg/kg	0.083	0.054	1	05/24/24 02:30	05/24/24 16:37	EPA 7471B	1,7471B	MJR
Nickel, Total	10.4		mg/kg	2.38	0.231	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Potassium, Total	1700		mg/kg	238	13.7	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.91	0.246	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.477	0.270	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Sodium, Total	145	J	mg/kg	191	3.00	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.91	0.300	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Vanadium, Total	22.8		mg/kg	0.954	0.194	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF
Zinc, Total	101		mg/kg	4.77	0.280	2	05/24/24 01:40	05/24/24 20:39	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2427915
Project Number: 3858.0004Y000
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-15
Client ID: TS-15_0-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 14:10
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	6680		mg/kg	9.47	2.56	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Antimony, Total	0.559	J	mg/kg	4.74	0.360	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.27		mg/kg	0.947	0.197	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Barium, Total	116		mg/kg	0.947	0.165	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.251	J	mg/kg	0.474	0.031	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.273	J	mg/kg	0.947	0.093	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Calcium, Total	56000		mg/kg	9.47	3.32	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Chromium, Total	13.2		mg/kg	0.947	0.091	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.28		mg/kg	1.89	0.157	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Copper, Total	26.4		mg/kg	0.947	0.244	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Iron, Total	12700		mg/kg	4.74	0.855	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Lead, Total	43.4		mg/kg	4.74	0.254	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Magnesium, Total	3780		mg/kg	9.47	1.46	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Manganese, Total	233		mg/kg	0.947	0.151	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Mercury, Total	1.00		mg/kg	0.081	0.053	1	05/24/24 02:30	05/24/24 16:47	EPA 7471B	1,7471B	MJR
Nickel, Total	9.74		mg/kg	2.37	0.229	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Potassium, Total	1230		mg/kg	237	13.6	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.89	0.244	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.474	0.268	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Sodium, Total	171	J	mg/kg	189	2.98	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.89	0.298	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Vanadium, Total	17.6		mg/kg	0.947	0.192	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF
Zinc, Total	98.0		mg/kg	4.74	0.278	2	05/24/24 01:40	05/24/24 20:56	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-15 Batch: WG1925025-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Iron, Total	0.555	J	mg/kg	2.00	0.361	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	05/24/24 01:40	05/24/24 19:10	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-15 Batch: WG1925027-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/24/24 02:30	05/24/24 15:27	1,7471B	MJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2427915

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 Batch: WG1925025-2								
Aluminum, Total	105		-		80-120	-		
Antimony, Total	104		-		80-120	-		
Arsenic, Total	96		-		80-120	-		
Barium, Total	106		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Calcium, Total	104		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	106		-		80-120	-		
Iron, Total	108		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	105		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Potassium, Total	109		-		80-120	-		
Selenium, Total	101		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	106		-		80-120	-		
Thallium, Total	102		-		80-120	-		
Vanadium, Total	104		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2427915

Report Date: 05/28/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 Batch: WG1925025-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-15 Batch: WG1925027-2					
Mercury, Total	105	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG1925025-3 QC Sample: L2427915-01 Client ID: TS-01_0-1												
Aluminum, Total	10600	191	10000	**0**	Q	-	-		75-125	-		20
Antimony, Total	0.588J	47.8	42.5	89		-	-		75-125	-		20
Arsenic, Total	19.2	11.5	28.7	83		-	-		75-125	-		20
Barium, Total	104	191	283	94		-	-		75-125	-		20
Beryllium, Total	0.376J	4.78	5.17	108		-	-		75-125	-		20
Cadmium, Total	0.450J	5.06	5.03	99		-	-		75-125	-		20
Calcium, Total	5060	956	6210	120		-	-		75-125	-		20
Chromium, Total	25.5	19.1	39.3	**72**	Q	-	-		75-125	-		20
Cobalt, Total	6.69	47.8	51.3	93		-	-		75-125	-		20
Copper, Total	29.2	23.9	45.7	**69**	Q	-	-		75-125	-		20
Iron, Total	17200	95.6	14600	**0**	Q	-	-		75-125	-		20
Lead, Total	135	50.6	155	**39**	Q	-	-		75-125	-		20
Magnesium, Total	4160	956	4660	**52**	Q	-	-		75-125	-		20
Manganese, Total	326	47.8	314	**0**	Q	-	-		75-125	-		20
Nickel, Total	14.2	47.8	58.0	92		-	-		75-125	-		20
Potassium, Total	1830	956	2900	112		-	-		75-125	-		20
Selenium, Total	0.247J	11.5	12.2	106		-	-		75-125	-		20
Silver, Total	ND	4.78	4.88	102		-	-		75-125	-		20
Sodium, Total	61.0J	956	1020	107		-	-		75-125	-		20
Thallium, Total	ND	11.5	12.0	105		-	-		75-125	-		20
Vanadium, Total	26.2	47.8	70.4	92		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG1925025-3 QC Sample: L2427915-01 Client ID: TS-01_0-1										
Zinc, Total	110	47.8	133	**48**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG1925027-3 QC Sample: L2427915-01 Client ID: TS-01_0-1										
Mercury, Total	3.31	1.7	5.39	**123**	Q	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG1925025-4 QC Sample: L2427915-01 Client ID: TS-01_0-1						
Aluminum, Total	10600	11800	mg/kg	11		20
Antimony, Total	0.588J	ND	mg/kg	NC		20
Arsenic, Total	19.2	19.9	mg/kg	4		20
Barium, Total	104	96.9	mg/kg	7		20
Beryllium, Total	0.376J	0.371J	mg/kg	NC		20
Cadmium, Total	0.450J	0.387J	mg/kg	NC		20
Calcium, Total	5060	2910	mg/kg	**54**	Q	20
Chromium, Total	25.5	25.3	mg/kg	1		20
Cobalt, Total	6.69	7.94	mg/kg	17		20
Copper, Total	29.2	22.2	mg/kg	**27**	Q	20
Iron, Total	17200	17600	mg/kg	2		20
Lead, Total	135	106	mg/kg	**24**	Q	20
Magnesium, Total	4160	4240	mg/kg	2		20
Manganese, Total	326	294	mg/kg	10		20
Nickel, Total	14.2	16.2	mg/kg	13		20
Potassium, Total	1830	2460	mg/kg	**29**	Q	20
Selenium, Total	0.247J	0.270J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	61.0J	57.3J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2427915

Report Date: 05/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG1925025-4 QC Sample: L2427915-01 Client ID: TS-01_0-1						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	26.2	29.3	mg/kg	11		20
Zinc, Total	110	87.6	mg/kg	**23**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG1925027-4 QC Sample: L2427915-01 Client ID: TS-01_0-1						
Mercury, Total	3.31	3.88	mg/kg	16		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-01
Client ID: TS-01_0-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/20/24 10:50
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	05/21/24 13:34	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-02
Client ID: TS-02_0-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/20/24 10:55
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	05/21/24 13:34	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-03
Client ID: TS-03_0-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/20/24 11:00
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	05/21/24 13:34	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-04
Client ID: TS-04_0-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/20/24 11:30
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	05/21/24 13:34	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-05
Client ID: TS-05_0-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/20/24 11:35
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	05/21/24 13:34	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-06
Client ID: TS-06_0-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/20/24 11:45
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	05/21/24 13:34	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-07
Client ID: TS-07_0-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/20/24 12:00
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	05/21/24 13:34	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-08
Client ID: TS-08_0-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/20/24 12:30
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	05/21/24 13:34	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-09
Client ID: TS-09_0-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/20/24 12:45
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.5		%	0.100	NA	1	-	05/21/24 13:34	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-10
Client ID: TS-10_0-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/20/24 12:55
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	05/21/24 13:34	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-11
Client ID: TS-11_0-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/20/24 13:05
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	05/21/24 13:34	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-12
Client ID: TS-12_0-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/20/24 13:35
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	05/21/24 13:51	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-13
Client ID: TS-13_0-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/20/24 13:40
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	05/21/24 13:51	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-14
Client ID: TS-14_0-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/20/24 14:00
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	05/21/24 13:51	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2427915
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427915-15
Client ID: TS-15_0-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/20/24 14:10
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	05/21/24 13:51	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2427915

Report Date: 05/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1923773-1 QC Sample: L2427880-01 Client ID: DUP Sample						
Solids, Total	85.5	85.3	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 12-15 QC Batch ID: WG1923782-1 QC Sample: L2427936-01 Client ID: DUP Sample						
Solids, Total	95.6	94.7	%	1		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427915-01A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-01B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-01C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-01D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2427915-01E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2427915-01F	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2427915-01X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-01Y	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-01Z	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-02A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-02B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-02C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-02D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2427915-02E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2427915-02F	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2427915-02X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-02Y	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427915-02Z	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-03A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-03B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-03C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-03D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2427915-03E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2427915-03F	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2427915-03X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-03Y	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-03Z	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-04A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-04B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-04C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-04D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2427915-04E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2427915-04F	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2427915-04X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-04Y	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-04Z	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-05A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-05B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-05C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427915-05D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2427915-05E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2427915-05F	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2427915-05X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-05Y	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-05Z	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-06A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-06B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-06C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-06D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2427915-06E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2427915-06F	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2427915-06X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-06Y	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-06Z	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-07A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-07B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-07C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-07D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2427915-07E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427915-07F	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2427915-07X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-07Y	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-07Z	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-08A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-08B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-08C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-08D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2427915-08E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2427915-08F	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2427915-08X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-08Y	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-08Z	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-09A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-09B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-09C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-09D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2427915-09E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2427915-09F	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2427915-09X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-09Y	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-09Z	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427915-10A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-10B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-10C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-10D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2427915-10E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2427915-10F	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2427915-10X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-10Y	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-10Z	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-11A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-11B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-11C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-11D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2427915-11E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2427915-11F	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2427915-11X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-11Y	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-11Z	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-12A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-12B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-12C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427915-12D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2427915-12E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2427915-12F	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2427915-12X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-12Y	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-12Z	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-13A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-13B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-13C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-13D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2427915-13E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2427915-13F	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2427915-13X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-13Y	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-13Z	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-14A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-14B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-14C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-14D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2427915-14E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2427915
Report Date: 05/28/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427915-14F	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2427915-14X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-14Y	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-14Z	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-15A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-15B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-15C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-15D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2427915-15E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2427915-15F	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2427915-15X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2427915-15Y	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)
L2427915-15Z	Vial Water preserved split	A	NA		3.2	Y	Absent	21-MAY-24 11:35	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2427915
Project Number:	3858.0004Y000	**Report Date:**	05/28/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2427915
Project Number:	3858.0004Y000	**Report Date:**	05/28/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2427915
Project Number:	3858.0004Y000	**Report Date:**	05/28/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2427915
Project Number:	3858.0004Y000	**Report Date:**	05/28/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 5/21/24

ALPHA Job #: L2427915

Client Information

Client: ROUX
Address: 209 SHAFFER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax:
Email: RLOMBINO@ROUXINC.COM

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 850 DUBBS FERRY ROAD
Project #: 3858.00044000
(Use Project name as Project #): ☐
Project Manager: RON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time

Standard: ☒ Due Date: STANDARD
Rush (only if pre approved): ☐ # of Days:

Deliverables

☒ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT-A REPORTING

Please specify Metals or TAL.

ANALYSIS

TCL VOCs - 8260D
8 - SM2540
NYTCL SVOCs - 8270E
TCL PEST - 8081B
TCL PCBs - 8082A
TAL METALS - 6010D

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs - 8260D	8 - SM2540	NYTCL SVOCs - 8270E	TCL PEST - 8081B	TCL PCBs - 8082A	TAL METALS - 6010D			Total Bottle
27915.01	TS-01_0-1	5/20/24	1050	S	EL	X	X	X	X	X	X			6
02	TS-02_0-1	"	1055	S	EL									6
03	TS-03_0-1	"	1100	S	EL									6
04	TS-04_0-1	"	1130	S	EL									6
05	TS-05_0-1	"	1135	S	EL									6
06	TS-06_0-1	"	1145	S	EL									6
07	TS-07_0-1	"	1200	S	EL									6
08	TS-08_0-1	"	1230	S	EL									6
09	TS-09_0-1	"	1245	S	EL									6
10	TS-10_0-1	"	1255	S	EL									6

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	P	A	A	A	A			
Preservative	A	A	A	A	A	A			

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/20/24 1440		5/20/24 1440
	5/20/24 1725		5/20/24 18:30
	5/20/24 2230		5/20 2230
	5/21 200		5/21 200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 5/21/24

ALPHA Job #: L2427915

Client Information

Client: RAMX
Address: 209 SHAPTER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax:
Email: RLOMBINO@RAMINC.COM

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 850 JOBBS FERRY ROAD
Project # 7858.0004G000
(Use Project name as Project #)
Project Manager: RON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time

Standard [X] Due Date: STANDARD
Rush (only if pre approved) [ ] # of Days:

Deliverables

[X] ASP-A [ ] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information

[X] Same as Client Info
PO #

Regulatory Requirement

[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

CAT-A REPORTING

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs - 8260D	TS - SM2540D	NYTCL&TAGS - 8270E	TCL PEST - 8081B	TCL PCBs - 8082A	TAL METALS - 6010D			Sample Specific Comments	Total Bottle
27915 11	TS-11_0-1	5/20/24	1305	S	EL	X	X	X	X	X	X				6
12	TS-12_0-1	"	1335	S	EL	↓	↓	↓	↓	↓	↓				6
13	TS-13_0-1	"	1340	S	EL	↓	↓	↓	↓	↓	↓				6
14	TS-14_0-1	"	1400	S	EL	↓	↓	↓	↓	↓	↓				6
15	TS-15_0-1	"	1410	S	EL	↓	↓	↓	↓	↓	↓				6

Container Type: E P A A A A
Preservative: A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/20/24 1440		5/20/24 1440
	5/20/24 1725		5/20/24 18:32
	5/20/24		5/20 22:30
	5/21 200		5/21/24 200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2428224
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/07/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428224
Report Date: 06/07/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2428224-01	G5-0.2-2-P	SOIL	850 DOBBS FERRY ROAD	05/21/24 09:45	05/21/24
L2428224-02	E5-0.2-2-P	SOIL	850 DOBBS FERRY ROAD	05/21/24 11:10	05/21/24
L2428224-03	G5-13-15-P	SOIL	850 DOBBS FERRY ROAD	05/21/24 11:55	05/21/24
L2428224-04	FB-05212024-P	WATER	850 DOBBS FERRY ROAD	05/21/24 12:05	05/21/24
L2428224-05	I8-0.2-2-P	SOIL	850 DOBBS FERRY ROAD	05/21/24 13:50	05/21/24
L2428224-06	I8-6-8-P	SOIL	850 DOBBS FERRY ROAD	05/21/24 14:25	05/21/24
L2428224-07	I1-0.2-2-P	SOIL	850 DOBBS FERRY ROAD	05/21/24 14:45	05/21/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428224
Project Number:	3858.0004Y000	**Report Date:**	06/07/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428224
Project Number:	3858.0004Y000	**Report Date:**	06/07/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by 1633

L2428224-07: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Darian Dailey

Title: Technical Director/Representative Date: 06/07/24

ORGANICS

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-01
Client ID: G5-0.2-2-P
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 09:45
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/06/24 21:27
Analyst: SL
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 06/06/24 12:00
Cleanup Method: EPA 1633
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.090	J	ng/g	0.200	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428224

Project Number: 3858.0004Y000 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-01 Date Collected: 05/21/24 09:45

Client ID: G5-0.2-2-P Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428224

Project Number: 3858.0004Y000 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-01 Date Collected: 05/21/24 09:45

Client ID: G5-0.2-2-P Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	72		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	80		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	75		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	73		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	84		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	64		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	64		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	69		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	73		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-02
Client ID: E5-0.2-2-P
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 11:10
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/06/24 21:40
Analyst: SL
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 06/06/24 12:00
Cleanup Method: EPA 1633
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.100	J	ng/g	0.797	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.081	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.037	J	ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	0.300		ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.279	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.123	J	ng/g	0.199	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.386	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.146	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428224

Project Number: 3858.0004Y000 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-02 Date Collected: 05/21/24 11:10

Client ID: E5-0.2-2-P Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.195	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.167	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.100	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.112	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.509	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.144	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.503	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	1.75	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428224

Project Number: 3858.0004Y000 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-02 Date Collected: 05/21/24 11:10

Client ID: E5-0.2-2-P Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	59		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	63		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	59		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	64		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	64		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	65		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	67		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	61		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	65		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	70		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	70		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	73		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	92		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	73		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	56		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	64		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	58		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-03
Client ID: G5-13-15-P
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 11:55
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/06/24 21:53
Analyst: SL
Percent Solids: 94%

Extraction Method: EPA 1633
Extraction Date: 06/06/24 12:00
Cleanup Method: EPA 1633
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.796	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.796	0.080	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.796	0.279	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.796	0.385	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.796	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.796	0.146	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428224

Project Number: 3858.0004Y000 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-03 Date Collected: 05/21/24 11:55

Client ID: G5-13-15-P Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.796	0.195	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.796	0.166	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.100	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.111	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.249	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.508	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.995	0.143	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.502	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	1.75	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428224

Project Number: 3858.0004Y000 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-03 Date Collected: 05/21/24 11:55

Client ID: G5-13-15-P Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	84		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	95		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	106		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	89		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	60		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	58		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	63		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		20-150

Project Name: ELMWOOD PRESERVE
Lab Number: L2428224
Project Number: 3858.0004Y000
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-04
Client ID: FB-05212024-P
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 12:05
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/06/24 10:04
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/24 18:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.07	J	ng/l	6.14	0.982	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.07	0.820	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.53	0.514	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.14	1.60	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.53	0.452	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.53	0.268	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.53	0.307	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.53	0.368	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.53	0.667	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.14	2.07	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.53	0.414	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.53	0.483	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.53	0.698	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.53	0.621	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.14	2.38	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.53	0.475	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.53	0.836	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.53	0.667	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.53	0.353	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.53	0.414	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.53	0.828	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.53	0.706	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.53	0.575	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.53	0.406	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.14	0.859	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.14	0.966	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.53	0.583	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428224

Project Number: 3858.0004Y000 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-04 Date Collected: 05/21/24 12:05

Client ID: FB-05212024-P Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.14	1.26	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.14	1.26	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.53	0.667	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.53	0.706	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.3	3.60	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.3	1.88	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.07	0.437	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.07	0.406	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.07	0.337	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.07	1.81	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.67	2.53	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	38.3	8.97	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	38.3	6.05	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428224

Project Number: 3858.0004Y000 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-04 Date Collected: 05/21/24 12:05

Client ID: FB-05212024-P Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	73		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	73		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	75		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	76		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	64		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	62		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	68		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	62		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	45		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	51		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	51		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	63		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	49		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	63		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	50		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	45		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	67		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	61		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	70		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	73		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-05
Client ID: I8-0.2-2-P
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 13:50
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/06/24 22:31
Analyst: SL
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 06/06/24 12:00
Cleanup Method: EPA 1633
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.794	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.794	0.080	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.059	1
Perfluorooctanoic Acid (PFOA)	0.081	J	ng/g	0.198	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.794	0.278	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.141	J	ng/g	0.198	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.794	0.384	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.794	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.794	0.145	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428224

Project Number: 3858.0004Y000 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-05 Date Collected: 05/21/24 13:50

Client ID: I8-0.2-2-P Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.794	0.194	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.794	0.166	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.111	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.248	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.506	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.397	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.992	0.143	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.501	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	1.75	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428224

Project Number: 3858.0004Y000 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-05 Date Collected: 05/21/24 13:50

Client ID: I8-0.2-2-P Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	87		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	94		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	101		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	95		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	70		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	84		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	82		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	79		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	84		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	87		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-06
Client ID: I8-6-8-P
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/21/24 14:25
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/06/24 22:44
Analyst: SL
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 06/06/24 12:00
Cleanup Method: EPA 1633
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.799	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.081	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.280	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.387	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.146	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428224

Project Number: 3858.0004Y000 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-06 Date Collected: 05/21/24 14:25

Client ID: I8-6-8-P Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.196	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.167	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.999	0.144	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.504	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	1.76	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428224

Project Number: 3858.0004Y000 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-06 Date Collected: 05/21/24 14:25

Client ID: I8-6-8-P Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	88		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	92		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	86		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	115		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	104		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	88		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	86		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	79		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	92		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	93		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-07
Client ID: I1-0.2-2-P
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/21/24 14:45
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/06/24 22:57
Analyst: SL
Percent Solids: 74%

Extraction Method: EPA 1633
Extraction Date: 06/06/24 12:00
Cleanup Method: EPA 1633
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.073	J	ng/g	0.798	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.798	0.081	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.049	J	ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	0.223		ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.279	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.037	1
Perfluorononanoic Acid (PFNA)	0.185	J	ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.734		ng/g	0.199	0.079	1
Perfluorodecanoic Acid (PFDA)	0.226		ng/g	0.199	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.798	0.386	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.100	1
Perfluoroundecanoic Acid (PFUnA)	0.182	J	ng/g	0.199	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.082	1
Perfluorododecanoic Acid (PFDoA)	0.106	JF	ng/g	0.199	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	0.081	J	ng/g	0.199	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.798	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.798	0.146	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428224

Project Number: 3858.0004Y000 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-07 Date Collected: 05/21/24 14:45

Client ID: I1-0.2-2-P Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.798	0.195	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.798	0.167	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.100	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.112	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.509	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.144	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.503	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	1.75	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428224

Project Number: 3858.0004Y000 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-07 Date Collected: 05/21/24 14:45

Client ID: I1-0.2-2-P Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	100		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	97		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**189**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**163**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	90		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**158**	Q	20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	90		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	84		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	85		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	89		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	90		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	95		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/06/24 07:43
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/24 18:13

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 04 Batch: WG1930180-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/06/24 07:43
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/24 18:13

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 04 Batch: WG1930180-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/06/24 07:43
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/24 18:13

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 04 Batch: WG1930180-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	87		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	101		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	108		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	92		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	83		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	95		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	73		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	80		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	86		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	92		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/06/24 20:48
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/06/24 12:00
Cleanup Method: EPA 1633
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03,05-07 Batch: WG1930542-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/06/24 20:48
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/06/24 12:00
Cleanup Method: EPA 1633
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03,05-07 Batch: WG1930542-1					
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/06/24 20:48
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/06/24 12:00
Cleanup Method: EPA 1633
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03,05-07 Batch: WG1930542-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	79		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	88		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	77		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	87		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	60		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	44		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	86		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	64		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	58		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	69		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	69		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428224
Report Date: 06/07/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04 Batch: WG1930180-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	103		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	105		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	96		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	105		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	94		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	102		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	114		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	102		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	92		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	98		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	137		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	117		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	99		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	103		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	107		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	86		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	97		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	112		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	94		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	118		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	111		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428224

Report Date: 06/07/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04 Batch: WG1930180-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	100		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	110		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	103		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	105		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	128		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	89		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	109		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	87		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	91		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	99		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	101		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	106		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	101		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	93		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	88		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	80		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	84		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	53		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428224

Report Date: 06/07/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04 Batch: WG1930180-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	97				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	70				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	105				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	87				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	77				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	83				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	74				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	78				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	88				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428224
Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04 Batch: WG1930180-3								
Perfluorobutanoic Acid (PFBA)	103		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	109		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	113		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	110		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	107		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	113		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	116		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	102		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	86		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	116		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	104		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	108		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	114		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	119		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	112		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	90		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	108		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	111		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	103		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	102		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	109		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428224
Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04 Batch: WG1930180-3								
Perfluorotridecanoic Acid (PFTrDA)	103		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	118		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	106		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	113		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	118		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	95		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	103		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	113		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	113		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	109		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	107		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	114		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	105		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	104		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	92		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	89		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	96		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	70		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428224

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04 Batch: WG1930180-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	72				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	101				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	73				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	72				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	73				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	80				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	74				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	82				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428224
Report Date: 06/07/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-07 Batch: WG1930542-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	105		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	102		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	105		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	110		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	105		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	105		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	110		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	119		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	116		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	102		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	121		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	98		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	113		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	119		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	126		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	100		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	118		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	97		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	93		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	107		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	117		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	105		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428224

Report Date: 06/07/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-07 Batch: WG1930542-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	97		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	109		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	115		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	118		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	91		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	111		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	95		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	100		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	107		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	106		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	116		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	100		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	109		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	104		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	102		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	109		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	107		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	92		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428224

Report Date: 06/07/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-07 Batch: WG1930542-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	89				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	79				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	95				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	102				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	96				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	63				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	79				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	75				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428224
Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-07 Batch: WG1930542-3								
Perfluorobutanoic Acid (PFBA)	115		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	116		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	107		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	107		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	113		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	114		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	113		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	114		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	121		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	116		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	103		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	119		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	125		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	129		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	122		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	111		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	115		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	111		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	110		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	131		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	118		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428224

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-07 Batch: WG1930542-3								
Perfluorotridecanoic Acid (PFTrDA)	110		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	121		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	111		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	114		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	102		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	103		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	99		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	100		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	124		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	110		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	112		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	128		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	108		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	100		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	107		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	120		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	101		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	83		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428224

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-07 Batch: WG1930542-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	98				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	100				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	86				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	91				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	64				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	80				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	72				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	66				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	78				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	79				20-150

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-07 QC Batch ID: WG1930542-4 WG1930542-5 QC Sample: L2428224-03 Client ID: G5-13-15-P												
Perfluorobutanoic Acid (PFBA)	ND	7.95	8.90	112		8.92	112		40-150	0		30
Perfluoropentanoic Acid (PFPeA)	ND	3.97	4.64	117		4.52	113		40-150	3		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.76	2.05	116		1.84	104		40-150	11		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	7.45	8.18	110		8.11	108		40-150	1		30
Perfluorohexanoic Acid (PFHxA)	ND	1.99	2.15	108		2.15	108		40-150	0		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.87	2.07	111		1.89	101		40-150	9		30
Perfluoroheptanoic Acid (PFHpA)	ND	1.99	2.26	114		2.33	117		40-150	3		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.82	1.98	109		1.86	102		40-150	6		30
Perfluorooctanoic Acid (PFOA)	ND	1.99	2.27	114		2.24	112		40-150	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	7.55	8.42	112		8.48	112		40-150	1		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.89	2.23	118		2.12	112		40-150	5		30
Perfluorononanoic Acid (PFNA)	ND	1.99	2.21	111		2.10	105		40-150	5		30
Perfluorooctanesulfonic Acid (PFOS)	ND	1.84	2.16	117		2.06	111		40-150	5		30
Perfluorodecanoic Acid (PFDA)	ND	1.99	2.25	113		2.38	119		40-150	6		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.63	9.81	129		9.92	130		40-150	1		30
Perfluorononanesulfonic Acid (PFNS)	ND	1.91	2.32	121		2.15	112		40-150	8		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.99	2.12	107		2.15	108		40-150	1		30
Perfluoroundecanoic Acid (PFUnA)	ND	1.99	2.19	110		2.20	110		40-150	0		30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.92	1.95	102		1.94	101		40-150	1		30
Perfluorooctanesulfonamide (PFOSA)	ND	1.99	2.29	115		2.10	105		40-150	9		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.99	2.26	114		2.22	111		40-150	2		30
Perfluorododecanoic Acid (PFDoA)	ND	1.99	2.32	117		2.29	115		40-150	1		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428224

Report Date: 06/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-07 QC Batch ID: WG1930542-4 WG1930542-5 QC Sample: L2428224-03 Client ID: G5-13-15-P												
Perfluorotridecanoic Acid (PFTrDA)	ND	1.99	2.22	112		2.36	118		40-150	6		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.99	2.18	110		2.42	121		40-150	10		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	7.95	8.98	113		8.55	107		40-150	5		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	7.51	8.46	113		8.53	113		40-150	1		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	1.93	2.01	104		1.93	100		40-150	4		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	7.43	7.83	105		8.00	107		40-150	2		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	7.51	7.54	100		8.07	107		40-150	7		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.99	2.33	117		2.18	109		40-150	7		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.99	2.39	120		2.21	111		40-150	8		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	19.9	21.7	109		21.0	105		40-150	3		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	19.9	22.5	113		22.4	112		40-150	0		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.97	4.97	125		4.91	123		40-150	1		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.97	4.39	110		4.28	107		40-150	3		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.54	3.60	102		3.58	101		40-150	1		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.97	4.18	105		4.22	106		40-150	1		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	9.93	11.9	120		11.6	116		40-150	3		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	49.7	49.2	99		49.6	100		40-150	1		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	49.7	41.0	83		45.1	91		40-150	10		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-07 QC Batch ID: WG1930542-4 WG1930542-5 QC Sample: L2428224-03 Client ID: G5-13-15-P

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89		85		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85		92		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	95		102		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	70		82		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	92		97		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80		84		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69		75		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	87		105		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77		83		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81		91		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71		78		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77		84		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75		83		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		88		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77		79		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84		82		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	85		80		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73		77		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	78		73		20-150
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84		82		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		83		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80		77		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		78		20-150

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428224

Report Date: 06/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-07 QC Batch ID: WG1930542-4 WG1930542-5 QC Sample: L2428224-03 Client ID: G5-13-15-P												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		81		20-150

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-01
Client ID: G5-0.2-2-P
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 09:45
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	81.7		%	0.100	0.100	1	-	05/24/24 11:36	121,2540G	KAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-02
Client ID: E5-0.2-2-P
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 11:10
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	82.1		%	0.100	0.100	1	-	05/24/24 11:36	121,2540G	KAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-03
Client ID: G5-13-15-P
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 11:55
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	93.9		%	0.100	0.100	1	-	05/24/24 11:36	121,2540G	KAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-05
Client ID: I8-0.2-2-P
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 13:50
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	85.7		%	0.100	0.100	1	-	05/24/24 11:36	121,2540G	KAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-06
Client ID: I8-6-8-P
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 14:25
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	84.0		%	0.100	0.100	1	-	05/24/24 11:36	121,2540G	KAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428224
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428224-07
Client ID: I1-0.2-2-P
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 14:45
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	74.3		%	0.100	0.100	1	-	05/24/24 11:36	121,2540G	KAR

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428224

Report Date: 06/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Mansfield Lab Associated sample(s): 01-03,05-07 QC Batch ID: WG1925476-1 QC Sample: L2428224-01 Client ID: G5-0.2-2-P						
Solids, Total	81.7	81.5	%	0		10

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428224
Report Date: 06/07/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428224-01A	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-1633-DRAFT(90)
L2428224-01B	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		A2-TS(7)
L2428224-02A	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-1633-DRAFT(90)
L2428224-02B	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		A2-TS(7)
L2428224-03A	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-1633-DRAFT(90)
L2428224-03B	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		A2-TS(7)
L2428224-04A	Plastic 500ml unpreserved	A	NA		2.7	Y	Absent		A2-1633-DRAFT(28)
L2428224-04B	Plastic 500ml unpreserved	A	NA		2.7	Y	Absent		A2-1633-DRAFT(28)
L2428224-05A	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-1633-DRAFT(90)
L2428224-05B	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		A2-TS(7)
L2428224-06A	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-1633-DRAFT(90)
L2428224-06B	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		A2-TS(7)
L2428224-07A	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-1633-DRAFT(90)
L2428224-07B	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		A2-TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428224
Report Date: 06/07/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428224
Report Date: 06/07/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428224
Project Number:	3858.0004Y000	**Report Date:**	06/07/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428224
Project Number:	3858.0004Y000	**Report Date:**	06/07/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428224
Project Number:	3858.0004Y000	**Report Date:**	06/07/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428224
Project Number:	3858.0004Y000	**Report Date:**	06/07/24

REFERENCES

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/22/24

ALPHA Job #: L2428224

Client Information
Client: ROUX
Address: 209 SHAFTER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax:
Email: RLOMBINO@ROUXINC.COM

Project Information
Project Name: ELMWOOD PRESERVE
Project Location: 850 DOBBS FERRY ROAD
Project # 3858.0004Y000
(Use Project name as Project #)
Project Manager: RON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time
Standard: X
Due Date: STANDARD
Rush (only if pre approved):
# of Days:

Deliverables
ASP-A: ASP-B: X
EQuIS (1 File): EQuIS (4 File):
Other:

Regulatory Requirement
NY TOGS: NY Part 375:
AWQ Standards: NY CP-51:
NY Restricted Use: Other:
NY Unrestricted Use:
NYC Sewer Discharge:

Billing Information
X Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ: NY:
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS
PFAS - USEPA 1633

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PFAS	Total Bottle	Sample Specific Comments
28224-01	GS-0.2-2-P	5/21/24	0945	S	EL	X	2	
-02	ES-0.2-2-P	"	1110	S	EL	X	2	
-03	GS-13-15-P	"	1155	S	EL	X	2	
-04	FB-05212024-P	"	1205	W	EL	X	2	
-05	IB-0.2-2-P	"	1350	S	EL	X	2	
-06	IB-6-8-P	"	1425	S	EL	X	2	
-07	I1-0.2-2-P	"	1445	S	EL	X	2	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type: P
Preservative: A

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/21/24 1540	(PALE)	5/21/24 1540
	5/22/24 1626		5/21/24 1643
	5/22/24		5/22/24 1120
	5-22-24 915		5/21 2335
Environ Age	5/22/24 1040	Environ	5/22/24 915
			5/22/24 1040

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2428227
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/10/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2428227-01	G5_0-0.2	SOIL	850 DOBBS FERRY ROAD	05/21/24 09:40	05/21/24
L2428227-02	G5_0.2-2	SOIL	850 DOBBS FERRY ROAD	05/21/24 09:45	05/21/24
L2428227-03	G5_2-4	SOIL	850 DOBBS FERRY ROAD	05/21/24 09:47	05/21/24
L2428227-04	G5_4-6	SOIL	850 DOBBS FERRY ROAD	05/21/24 09:50	05/21/24
L2428227-05	E5_0-0.2	SOIL	850 DOBBS FERRY ROAD	05/21/24 11:05	05/21/24
L2428227-06	E5_0.2-2	SOIL	850 DOBBS FERRY ROAD	05/21/24 11:10	05/21/24
L2428227-07	E5_2-4	SOIL	850 DOBBS FERRY ROAD	05/21/24 11:15	05/21/24
L2428227-08	E5_4-6	SOIL	850 DOBBS FERRY ROAD	05/21/24 11:20	05/21/24
L2428227-09	G5_13-15	SOIL	850 DOBBS FERRY ROAD	05/21/24 11:55	05/21/24
L2428227-10	I8_0-0.2	SOIL	850 DOBBS FERRY ROAD	05/21/24 13:45	05/21/24
L2428227-11	I8_0.2-2	SOIL	850 DOBBS FERRY ROAD	05/21/24 13:50	05/21/24
L2428227-12	I8_2-4	SOIL	850 DOBBS FERRY ROAD	05/21/24 13:55	05/21/24
L2428227-13	I8_4-6	SOIL	850 DOBBS FERRY ROAD	05/21/24 14:00	05/21/24
L2428227-14	I8_6-8	SOIL	850 DOBBS FERRY ROAD	05/21/24 14:05	05/21/24
L2428227-15	I1_0-0.2	SOIL	850 DOBBS FERRY ROAD	05/21/24 14:40	05/21/24
L2428227-16	I1_0.2-2	SOIL	850 DOBBS FERRY ROAD	05/21/24 14:45	05/21/24
L2428227-17	I1_2-4	SOIL	850 DOBBS FERRY ROAD	05/21/24 14:50	05/21/24
L2428227-18	I1_4-6	SOIL	850 DOBBS FERRY ROAD	05/21/24 14:55	05/21/24
L2428227-19	TB_05212024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD	05/21/24 00:00	05/21/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428227
Project Number:	3858.0004Y000	**Report Date:**	06/10/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428227
Project Number:	3858.0004Y000	**Report Date:**	06/10/24

Case Narrative (continued)

Report Revision

June 10, 2024: This report includes the results of the following analyses:

L2428227-12: Pesticides and Total Metals

L2428227-17: Pesticides

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2428227-01, -02, -05, -06, -09, -10, -11, -12, -14, -15, and -16: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1930226-3 MS recoveries for aluminum (43%), iron (1170%), and magnesium (20%), performed on L2428227-12, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1930226-4 Laboratory Duplicate RPD for potassium (25%), performed on L2428227-12, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 06/10/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-02
Client ID: G5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/21/24 09:45
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/24/24 01:52
Analyst: JIC
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-02 Date Collected: 05/21/24 09:45

Client ID: G5_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-02 Date Collected: 05/21/24 09:45

Client ID: G5_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	86	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	2.54	J	ug/kg			1
Unknown	2.54	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	110		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-06
Client ID: E5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/21/24 11:10
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/24/24 02:17
Analyst: JIC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-06 Date Collected: 05/21/24 11:10

Client ID: E5_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-06 Date Collected: 05/21/24 11:10

Client ID: E5_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**133**	Q	70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	115		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-09
Client ID: G5_13-15
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/21/24 11:55
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/24/24 02:42
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-09 Date Collected: 05/21/24 11:55

Client ID: G5_13-15 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	11	J	ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.22	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-09 Date Collected: 05/21/24 11:55

Client ID: G5_13-15 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.22	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	111		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-11
Client ID: I8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 13:50
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/24/24 14:53
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-11 Date Collected: 05/21/24 13:50

Client ID: I8_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-11 Date Collected: 05/21/24 13:50

Client ID: I8_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	7.19	J	ug/kg			1
Unknown	2.22	J	ug/kg			1
Unknown	4.97	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	112		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-14
Client ID: I8_6-8
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 14:05
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/24/24 03:33
Analyst: JIC
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-14 Date Collected: 05/21/24 14:05

Client ID: I8_6-8 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	11		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-14 Date Collected: 05/21/24 14:05

Client ID: I8_6-8 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	111		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-16
Client ID: I1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 14:45
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/24/24 03:58
Analyst: JIC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.63	0.24	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-16 Date Collected: 05/21/24 14:45

Client ID: I1_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.81	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-16 Date Collected: 05/21/24 14:45

Client ID: I1_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	117		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-19
Client ID: TB_05212024
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/21/24 00:00
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 05/24/24 15:45
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-19 Date Collected: 05/21/24 00:00

Client ID: TB_05212024 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-19 Date Collected: 05/21/24 00:00

Client ID: TB_05212024 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	1.07	J	ug/l			1
Unknown	1.07	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/23/24 21:38
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,09,14,16 Batch: WG1925538-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/23/24 21:38
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,09,14,16 Batch: WG1925538-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/23/24 21:38
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,09,14,16 Batch: WG1925538-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/23/24 21:38
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,09,14,16 Batch: WG1925538-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/24/24 08:46
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 19 Batch: WG1925883-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/24/24 08:46
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 19 Batch: WG1925883-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/24/24 08:46
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 19 Batch: WG1925883-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/24/24 08:46
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 19 Batch: WG1925883-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/24/24 14:02
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11 Batch: WG1926408-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/24/24 14:02
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11 Batch: WG1926408-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/24/24 14:02
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11 Batch: WG1926408-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/24/24 14:02
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11 Batch: WG1926408-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,09,14,16 Batch: WG1925538-3 WG1925538-4								
Methylene chloride	102		101		70-130	1		30
1,1-Dichloroethane	100		100		70-130	0		30
Chloroform	110		106		70-130	4		30
Carbon tetrachloride	116		115		70-130	1		30
1,2-Dichloropropane	100		101		70-130	1		30
Dibromochloromethane	112		111		70-130	1		30
1,1,2-Trichloroethane	112		112		70-130	0		30
Tetrachloroethene	108		108		70-130	0		30
Chlorobenzene	104		104		70-130	0		30
Trichlorofluoromethane	125		124		70-139	1		30
1,2-Dichloroethane	100		99		70-130	1		30
1,1,1-Trichloroethane	118		118		70-130	0		30
Bromodichloromethane	114		113		70-130	1		30
trans-1,3-Dichloropropene	120		120		70-130	0		30
cis-1,3-Dichloropropene	116		115		70-130	1		30
1,1-Dichloropropene	102		102		70-130	0		30
Bromoform	110		110		70-130	0		30
1,1,2,2-Tetrachloroethane	102		99		70-130	3		30
Benzene	112		112		70-130	0		30
Toluene	109		109		70-130	0		30
Ethylbenzene	111		111		70-130	0		30
Chloromethane	85		84		52-130	1		30
Bromomethane	129		132		57-147	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,09,14,16 Batch: WG1925538-3 WG1925538-4								
Vinyl chloride	122		122		67-130	0		30
Chloroethane	119		117		50-151	2		30
1,1-Dichloroethene	111		112		65-135	1		30
trans-1,2-Dichloroethene	104		104		70-130	0		30
Trichloroethene	114		114		70-130	0		30
1,2-Dichlorobenzene	104		103		70-130	1		30
1,3-Dichlorobenzene	101		101		70-130	0		30
1,4-Dichlorobenzene	101		102		70-130	1		30
Methyl tert butyl ether	109		108		66-130	1		30
p/m-Xylene	112		112		70-130	0		30
o-Xylene	109		109		70-130	0		30
cis-1,2-Dichloroethene	102		102		70-130	0		30
Dibromomethane	108		109		70-130	1		30
Styrene	115		114		70-130	1		30
Dichlorodifluoromethane	134		134		30-146	0		30
Acetone	82		78		54-140	5		30
Carbon disulfide	109		109		59-130	0		30
2-Butanone	78		75		70-130	4		30
Vinyl acetate	76		**69**	Q	70-130	10		30
4-Methyl-2-pentanone	90		87		70-130	3		30
1,2,3-Trichloropropane	108		106		68-130	2		30
2-Hexanone	82		81		70-130	1		30
Bromochloromethane	104		102		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,09,14,16 Batch: WG1925538-3 WG1925538-4								
2,2-Dichloropropane	115		114		70-130	1		30
1,2-Dibromoethane	103		101		70-130	2		30
1,3-Dichloropropane	116		115		69-130	1		30
1,1,1,2-Tetrachloroethane	108		109		70-130	1		30
Bromobenzene	102		102		70-130	0		30
n-Butylbenzene	111		111		70-130	0		30
sec-Butylbenzene	107		107		70-130	0		30
tert-Butylbenzene	103		103		70-130	0		30
o-Chlorotoluene	103		103		70-130	0		30
p-Chlorotoluene	104		103		70-130	1		30
1,2-Dibromo-3-chloropropane	100		97		68-130	3		30
Hexachlorobutadiene	127		126		67-130	1		30
Isopropylbenzene	104		105		70-130	1		30
p-Isopropyltoluene	105		105		70-130	0		30
Naphthalene	104		102		70-130	2		30
Acrylonitrile	84		82		70-130	2		30
n-Propylbenzene	107		107		70-130	0		30
1,2,3-Trichlorobenzene	117		116		70-130	1		30
1,2,4-Trichlorobenzene	112		110		70-130	2		30
1,3,5-Trimethylbenzene	104		104		70-130	0		30
1,2,4-Trimethylbenzene	104		103		70-130	1		30
1,4-Dioxane	88		89		65-136	1		30
p-Diethylbenzene	99		99		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,09,14,16 Batch: WG1925538-3 WG1925538-4								
p-Ethyltoluene	101		100		70-130	1		30
1,2,4,5-Tetramethylbenzene	97		98		70-130	1		30
Ethyl ether	112		109		67-130	3		30
trans-1,4-Dichloro-2-butene	88		88		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		100		70-130
Toluene-d8	101		103		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	100		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG1925883-3 WG1925883-4								
Methylene chloride	96		97		70-130	1		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	96		97		70-130	1		20
Carbon tetrachloride	97		95		63-132	2		20
1,2-Dichloropropane	98		100		70-130	2		20
Dibromochloromethane	88		89		63-130	1		20
1,1,2-Trichloroethane	91		93		70-130	2		20
Tetrachloroethene	94		92		70-130	2		20
Chlorobenzene	99		99		75-130	0		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	94		96		67-130	2		20
trans-1,3-Dichloropropene	90		91		70-130	1		20
cis-1,3-Dichloropropene	92		94		70-130	2		20
1,1-Dichloropropene	97		97		70-130	0		20
Bromoform	82		83		54-136	1		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	100		100		70-130	0		20
Toluene	98		96		70-130	2		20
Ethylbenzene	98		97		70-130	1		20
Chloromethane	100		97		64-130	3		20
Bromomethane	94		94		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG1925883-3 WG1925883-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	99		99		61-145	0		20
trans-1,2-Dichloroethene	100		97		70-130	3		20
Trichloroethene	93		90		70-130	3		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		98		70-130	2		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	90		96		63-130	6		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	100		99		70-130	1		20
Dibromomethane	97		100		70-130	3		20
1,2,3-Trichloropropane	100		110		64-130	10		20
Acrylonitrile	94		99		70-130	5		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	90		88		36-147	2		20
Acetone	94		100		58-148	6		20
Carbon disulfide	100		98		51-130	2		20
2-Butanone	86		92		63-138	7		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	85		92		59-130	8		20
2-Hexanone	79		88		57-130	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG1925883-3 WG1925883-4								
Bromochloromethane	94		94		70-130	0		20
2,2-Dichloropropane	100		98		63-133	2		20
1,2-Dibromoethane	96		97		70-130	1		20
1,3-Dichloropropane	98		100		70-130	2		20
1,1,1,2-Tetrachloroethane	90		91		64-130	1		20
Bromobenzene	99		98		70-130	1		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	87		91		41-144	4		20
Hexachlorobutadiene	95		92		63-130	3		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	98		100		70-130	2		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	98		100		70-130	2		20
1,2,4-Trichlorobenzene	97		98		70-130	1		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	96		97		70-130	1		20
1,4-Dioxane	92		98		56-162	6		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG1925883-3 WG1925883-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	96		97		70-130	1		20
Ethyl ether	94		98		59-134	4		20
trans-1,4-Dichloro-2-butene	93		100		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		103		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	101		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG1926408-3 WG1926408-4								
Methylene chloride	98		93		70-130	5		30
1,1-Dichloroethane	98		92		70-130	6		30
Chloroform	108		99		70-130	9		30
Carbon tetrachloride	114		108		70-130	5		30
1,2-Dichloropropane	95		91		70-130	4		30
Dibromochloromethane	106		101		70-130	5		30
1,1,2-Trichloroethane	105		101		70-130	4		30
Tetrachloroethene	101		95		70-130	6		30
Chlorobenzene	98		93		70-130	5		30
Trichlorofluoromethane	124		116		70-139	7		30
1,2-Dichloroethane	101		97		70-130	4		30
1,1,1-Trichloroethane	116		110		70-130	5		30
Bromodichloromethane	110		106		70-130	4		30
trans-1,3-Dichloropropene	112		108		70-130	4		30
cis-1,3-Dichloropropene	108		104		70-130	4		30
1,1-Dichloropropene	98		92		70-130	6		30
Bromoform	99		97		70-130	2		30
1,1,2,2-Tetrachloroethane	96		**65**	Q	70-130	**39**	Q	30
Benzene	105		100		70-130	5		30
Toluene	103		97		70-130	6		30
Ethylbenzene	106		100		70-130	6		30
Chloromethane	87		82		52-130	6		30
Bromomethane	117		113		57-147	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG1926408-3 WG1926408-4								
Vinyl chloride	116		110		67-130	5		30
Chloroethane	111		104		50-151	7		30
1,1-Dichloroethene	100		94		65-135	6		30
trans-1,2-Dichloroethene	96		92		70-130	4		30
Trichloroethene	105		128		70-130	20		30
1,2-Dichlorobenzene	94		92		70-130	2		30
1,3-Dichlorobenzene	94		89		70-130	5		30
1,4-Dichlorobenzene	92		89		70-130	3		30
Methyl tert butyl ether	102		98		66-130	4		30
p/m-Xylene	106		100		70-130	6		30
o-Xylene	104		99		70-130	5		30
cis-1,2-Dichloroethene	95		91		70-130	4		30
Dibromomethane	104		100		70-130	4		30
Styrene	109		104		70-130	5		30
Dichlorodifluoromethane	133		124		30-146	7		30
Acetone	79		76		54-140	4		30
Carbon disulfide	102		96		59-130	6		30
2-Butanone	82		76		70-130	8		30
Vinyl acetate	88		**25**	Q	70-130	**112**	Q	30
4-Methyl-2-pentanone	81		78		70-130	4		30
1,2,3-Trichloropropane	98		97		68-130	1		30
2-Hexanone	76		74		70-130	3		30
Bromochloromethane	97		92		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG1926408-3 WG1926408-4								
2,2-Dichloropropane	112		106		70-130	6		30
1,2-Dibromoethane	96		92		70-130	4		30
1,3-Dichloropropane	108		105		69-130	3		30
1,1,1,2-Tetrachloroethane	104		99		70-130	5		30
Bromobenzene	92		90		70-130	2		30
n-Butylbenzene	103		97		70-130	6		30
sec-Butylbenzene	98		94		70-130	4		30
tert-Butylbenzene	95		91		70-130	4		30
o-Chlorotoluene	95		90		70-130	5		30
p-Chlorotoluene	95		92		70-130	3		30
1,2-Dibromo-3-chloropropane	91		87		68-130	4		30
Hexachlorobutadiene	114		110		67-130	4		30
Isopropylbenzene	95		91		70-130	4		30
p-Isopropyltoluene	96		92		70-130	4		30
Naphthalene	90		89		70-130	1		30
Acrylonitrile	86		83		70-130	4		30
n-Propylbenzene	98		94		70-130	4		30
1,2,3-Trichlorobenzene	102		101		70-130	1		30
1,2,4-Trichlorobenzene	99		94		70-130	5		30
1,3,5-Trimethylbenzene	97		92		70-130	5		30
1,2,4-Trimethylbenzene	96		92		70-130	4		30
1,4-Dioxane	87		83		65-136	5		30
p-Diethylbenzene	90		86		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG1926408-3 WG1926408-4								
p-Ethyltoluene	92		88		70-130	4		30
1,2,4,5-Tetramethylbenzene	89		86		70-130	3		30
Ethyl ether	102		99		67-130	3		30
trans-1,4-Dichloro-2-butene	84		82		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		108		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	91		93		70-130
Dibromofluoromethane	102		102		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-02
Client ID: G5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 09:45
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/25/24 16:42
Analyst: EK
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 19:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	160	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-02 Date Collected: 05/21/24 09:45

Client ID: G5_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	51.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	ND		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	160	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-02 Date Collected: 05/21/24 09:45

Client ID: G5_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	63.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	59		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-06
Client ID: E5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 11:10
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/25/24 17:05
Analyst: EK
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 19:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-06 Date Collected: 05/21/24 11:10

Client ID: E5_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-06 Date Collected: 05/21/24 11:10

Client ID: E5_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	46		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-09
Client ID: G5_13-15
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/21/24 11:55
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/25/24 17:29
Analyst: EK
Percent Solids: 91%
Extraction Method: EPA 3546
Extraction Date: 05/23/24 19:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-09 Date Collected: 05/21/24 11:55

Client ID: G5_13-15 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-09 Date Collected: 05/21/24 11:55

Client ID: G5_13-15 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	756	J	ug/kg			1
Unknown Organic Acid	418	J	ug/kg			1
Unknown Organic Acid	338	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	53		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-11
Client ID: I8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 13:50
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/24/24 14:33
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-11 Date Collected: 05/21/24 13:50

Client ID: I8_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-11 Date Collected: 05/21/24 13:50

Client ID: I8_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	173	J	ug/kg			1
Unknown	173	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	47		30-120
2,4,6-Tribromophenol	51		10-136
4-Terphenyl-d14	47		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-14
Client ID: I8_6-8
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 14:05
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/25/24 17:52
Analyst: EK
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 19:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	55.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-14 Date Collected: 05/21/24 14:05

Client ID: I8_6-8 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	31.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-14 Date Collected: 05/21/24 14:05

Client ID: I8_6-8 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	200	63.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	31	9.4	1
Tentatively Identified Compounds						
Total TIC Compounds	394	J	ug/kg			1
Unknown Amide	227	J	ug/kg			1
Unknown Organic Acid	167	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	55		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-16
Client ID: I1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 14:45
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/24/24 14:56
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	98	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-16 Date Collected: 05/21/24 14:45

Client ID: I1_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	54	J	ug/kg	120	22.	1
Benzo(a)pyrene	57	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	68	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	46	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	41	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	49	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	40	J	ug/kg	160	27.	1
Pyrene	80	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-16 Date Collected: 05/21/24 14:45

Client ID: I1_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1
Tentatively Identified Compounds						
Total TIC Compounds	635	J	ug/kg			1
Unknown	233	J	ug/kg			1
Unknown Alkane	402	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	40		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	41		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 10:08
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/22/24 23:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11,16 Batch: WG1924700-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 10:08
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/22/24 23:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11,16 Batch: WG1924700-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 10:08
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/22/24 23:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11,16 Batch: WG1924700-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	83		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 12:07
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/23/24 05:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,09,14 Batch: WG1924758-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 12:07
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/23/24 05:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,09,14 Batch: WG1924758-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 12:07
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/23/24 05:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,09,14 Batch: WG1924758-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	66		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11,16 Batch: WG1924700-2 WG1924700-3								
Acenaphthene	87		89		31-137	2		50
1,2,4-Trichlorobenzene	79		86		38-107	8		50
Hexachlorobenzene	86		89		40-140	3		50
Bis(2-chloroethyl)ether	89		98		40-140	10		50
2-Chloronaphthalene	85		88		40-140	3		50
1,2-Dichlorobenzene	74		83		40-140	11		50
1,3-Dichlorobenzene	73		83		40-140	13		50
1,4-Dichlorobenzene	71		82		28-104	14		50
3,3'-Dichlorobenzidine	74		70		40-140	6		50
2,4-Dinitrotoluene	98		101		40-132	3		50
2,6-Dinitrotoluene	96		100		40-140	4		50
Fluoranthene	93		99		40-140	6		50
4-Chlorophenyl phenyl ether	90		93		40-140	3		50
4-Bromophenyl phenyl ether	90		93		40-140	3		50
Bis(2-chloroisopropyl)ether	91		98		40-140	7		50
Bis(2-chloroethoxy)methane	96		100		40-117	4		50
Hexachlorobutadiene	77		86		40-140	11		50
Hexachlorocyclopentadiene	115		125		40-140	8		50
Hexachloroethane	79		88		40-140	11		50
Isophorone	92		94		40-140	2		50
Naphthalene	76		83		40-140	9		50
Nitrobenzene	88		96		40-140	9		50
NDPA/DPA	90		92		36-157	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11,16 Batch: WG1924700-2 WG1924700-3								
n-Nitrosodi-n-propylamine	94		96		32-121	2		50
Bis(2-ethylhexyl)phthalate	87		89		40-140	2		50
Butyl benzyl phthalate	97		106		40-140	9		50
Di-n-butylphthalate	94		100		40-140	6		50
Di-n-octylphthalate	101		108		40-140	7		50
Diethyl phthalate	91		93		40-140	2		50
Dimethyl phthalate	88		90		40-140	2		50
Benzo(a)anthracene	94		96		40-140	2		50
Benzo(a)pyrene	88		95		40-140	8		50
Benzo(b)fluoranthene	89		95		40-140	7		50
Benzo(k)fluoranthene	87		94		40-140	8		50
Chrysene	91		95		40-140	4		50
Acenaphthylene	85		88		40-140	3		50
Anthracene	91		95		40-140	4		50
Benzo(ghi)perylene	88		91		40-140	3		50
Fluorene	88		90		40-140	2		50
Phenanthrene	87		92		40-140	6		50
Dibenzo(a,h)anthracene	87		91		40-140	4		50
Indeno(1,2,3-cd)pyrene	92		96		40-140	4		50
Pyrene	90		97		35-142	7		50
Biphenyl	73		75		37-127	3		50
4-Chloroaniline	93		90		40-140	3		50
2-Nitroaniline	99		102		47-134	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11,16 Batch: WG1924700-2 WG1924700-3								
3-Nitroaniline	90		86		26-129	5		50
4-Nitroaniline	95		98		41-125	3		50
Dibenzofuran	86		88		40-140	2		50
2-Methylnaphthalene	84		86		40-140	2		50
1,2,4,5-Tetrachlorobenzene	75		78		40-117	4		50
Acetophenone	76		81		14-144	6		50
2,4,6-Trichlorophenol	97		98		30-130	1		50
p-Chloro-m-cresol	97		98		26-103	1		50
2-Chlorophenol	88		96		25-102	9		50
2,4-Dichlorophenol	96		97		30-130	1		50
2,4-Dimethylphenol	104		106		30-130	2		50
2-Nitrophenol	102		111		30-130	8		50
4-Nitrophenol	113		**119**	Q	11-114	5		50
2,4-Dinitrophenol	108		112		4-130	4		50
4,6-Dinitro-o-cresol	109		114		10-130	4		50
Pentachlorophenol	91		96		17-109	5		50
Phenol	90		**100**	Q	26-90	11		50
2-Methylphenol	98		101		30-130.	3		50
3-Methylphenol/4-Methylphenol	96		100		30-130	4		50
2,4,5-Trichlorophenol	99		100		30-130	1		50
Benzoic Acid	67		67		10-110	0		50
Benzyl Alcohol	97		101		40-140	4		50
Carbazole	87		93		54-128	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11,16 Batch: WG1924700-2 WG1924700-3								
1,4-Dioxane	52		55		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		93		25-120
Phenol-d6	84		89		10-120
Nitrobenzene-d5	80		86		23-120
2-Fluorobiphenyl	75		77		30-120
2,4,6-Tribromophenol	86		90		10-136
4-Terphenyl-d14	81		88		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,09,14 Batch: WG1924758-2 WG1924758-3								
Acenaphthene	51		50		31-137	2		50
1,2,4-Trichlorobenzene	55		51		38-107	8		50
Hexachlorobenzene	62		58		40-140	7		50
Bis(2-chloroethyl)ether	56		52		40-140	7		50
2-Chloronaphthalene	56		53		40-140	6		50
1,2-Dichlorobenzene	54		50		40-140	8		50
1,3-Dichlorobenzene	52		49		40-140	6		50
1,4-Dichlorobenzene	51		49		28-104	4		50
3,3'-Dichlorobenzidine	41		44		40-140	7		50
2,4-Dinitrotoluene	58		55		40-132	5		50
2,6-Dinitrotoluene	66		62		40-140	6		50
Fluoranthene	57		57		40-140	0		50
4-Chlorophenyl phenyl ether	56		55		40-140	2		50
4-Bromophenyl phenyl ether	61		60		40-140	2		50
Bis(2-chloroisopropyl)ether	49		48		40-140	2		50
Bis(2-chloroethoxy)methane	61		58		40-117	5		50
Hexachlorobutadiene	50		49		40-140	2		50
Hexachlorocyclopentadiene	59		56		40-140	5		50
Hexachloroethane	53		51		40-140	4		50
Isophorone	61		58		40-140	5		50
Naphthalene	53		50		40-140	6		50
Nitrobenzene	64		61		40-140	5		50
NDPA/DPA	57		55		36-157	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,09,14 Batch: WG1924758-2 WG1924758-3								
n-Nitrosodi-n-propylamine	63		58		32-121	8		50
Bis(2-ethylhexyl)phthalate	56		56		40-140	0		50
Butyl benzyl phthalate	63		63		40-140	0		50
Di-n-butylphthalate	58		56		40-140	4		50
Di-n-octylphthalate	56		56		40-140	0		50
Diethyl phthalate	56		54		40-140	4		50
Dimethyl phthalate	59		57		40-140	3		50
Benzo(a)anthracene	53		53		40-140	0		50
Benzo(a)pyrene	58		59		40-140	2		50
Benzo(b)fluoranthene	56		58		40-140	4		50
Benzo(k)fluoranthene	55		55		40-140	0		50
Chrysene	52		53		40-140	2		50
Acenaphthylene	61		58		40-140	5		50
Anthracene	55		53		40-140	4		50
Benzo(ghi)perylene	53		55		40-140	4		50
Fluorene	55		52		40-140	6		50
Phenanthrene	52		52		40-140	0		50
Dibenzo(a,h)anthracene	53		55		40-140	4		50
Indeno(1,2,3-cd)pyrene	54		55		40-140	2		50
Pyrene	56		56		35-142	0		50
Biphenyl	49		47		37-127	4		50
4-Chloroaniline	47		44		40-140	7		50
2-Nitroaniline	71		68		47-134	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,09,14 Batch: WG1924758-2 WG1924758-3								
3-Nitroaniline	55		54		26-129	2		50
4-Nitroaniline	64		61		41-125	5		50
Dibenzofuran	54		52		40-140	4		50
2-Methylnaphthalene	56		54		40-140	4		50
1,2,4,5-Tetrachlorobenzene	52		50		40-117	4		50
Acetophenone	55		52		14-144	6		50
2,4,6-Trichlorophenol	63		60		30-130	5		50
p-Chloro-m-cresol	65		62		26-103	5		50
2-Chlorophenol	61		57		25-102	7		50
2,4-Dichlorophenol	65		62		30-130	5		50
2,4-Dimethylphenol	60		58		30-130	3		50
2-Nitrophenol	74		70		30-130	6		50
4-Nitrophenol	74		72		11-114	3		50
2,4-Dinitrophenol	60		53		4-130	12		50
4,6-Dinitro-o-cresol	68		65		10-130	5		50
Pentachlorophenol	59		55		17-109	7		50
Phenol	63		60		26-90	5		50
2-Methylphenol	66		62		30-130.	6		50
3-Methylphenol/4-Methylphenol	66		63		30-130	5		50
2,4,5-Trichlorophenol	63		61		30-130	3		50
Benzoic Acid	41		30		10-110	31		50
Benzyl Alcohol	67		64		40-140	5		50
Carbazole	55		55		54-128	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,09,14 Batch: WG1924758-2 WG1924758-3								
1,4-Dioxane	**38**	Q	**39**	Q	40-140	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		57		25-120
Phenol-d6	63		60		10-120
Nitrobenzene-d5	63		59		23-120
2-Fluorobiphenyl	52		49		30-120
2,4,6-Tribromophenol	65		62		10-136
4-Terphenyl-d14	56		56		18-120

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-02
Client ID: G5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 09:45
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/25/24 02:55
Analyst: MEO
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 23:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	62.5	5.55	1	A
Aroclor 1221	ND		ug/kg	62.5	6.26	1	A
Aroclor 1232	ND		ug/kg	62.5	13.2	1	A
Aroclor 1242	ND		ug/kg	62.5	8.42	1	A
Aroclor 1248	ND		ug/kg	62.5	9.37	1	A
Aroclor 1254	ND		ug/kg	62.5	6.83	1	A
Aroclor 1260	ND		ug/kg	62.5	11.5	1	A
Aroclor 1262	ND		ug/kg	62.5	7.93	1	A
Aroclor 1268	ND		ug/kg	62.5	6.47	1	A
PCBs, Total	ND		ug/kg	62.5	5.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-06
Client ID: E5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 11:10
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/25/24 03:06
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 23:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.8	5.31	1	A
Aroclor 1221	ND		ug/kg	59.8	5.99	1	A
Aroclor 1232	ND		ug/kg	59.8	12.7	1	A
Aroclor 1242	ND		ug/kg	59.8	8.06	1	A
Aroclor 1248	ND		ug/kg	59.8	8.96	1	A
Aroclor 1254	ND		ug/kg	59.8	6.54	1	A
Aroclor 1260	ND		ug/kg	59.8	11.0	1	A
Aroclor 1262	ND		ug/kg	59.8	7.59	1	A
Aroclor 1268	ND		ug/kg	59.8	6.19	1	A
PCBs, Total	ND		ug/kg	59.8	5.31	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-09
Client ID: G5_13-15
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 11:55
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/25/24 03:29
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 23:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.6	4.49	1	A
Aroclor 1221	ND		ug/kg	50.6	5.07	1	A
Aroclor 1232	ND		ug/kg	50.6	10.7	1	A
Aroclor 1242	ND		ug/kg	50.6	6.82	1	A
Aroclor 1248	ND		ug/kg	50.6	7.59	1	A
Aroclor 1254	ND		ug/kg	50.6	5.53	1	A
Aroclor 1260	ND		ug/kg	50.6	9.35	1	A
Aroclor 1262	ND		ug/kg	50.6	6.42	1	A
Aroclor 1268	ND		ug/kg	50.6	5.24	1	A
PCBs, Total	ND		ug/kg	50.6	4.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-11
Client ID: I8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 13:50
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/25/24 10:38
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/24/24 15:45
Cleanup Method: EPA 3665A
Cleanup Date: 05/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.0	5.15	1	A
Aroclor 1221	ND		ug/kg	58.0	5.81	1	A
Aroclor 1232	ND		ug/kg	58.0	12.3	1	A
Aroclor 1242	ND		ug/kg	58.0	7.82	1	A
Aroclor 1248	ND		ug/kg	58.0	8.70	1	A
Aroclor 1254	ND		ug/kg	58.0	6.35	1	A
Aroclor 1260	ND		ug/kg	58.0	10.7	1	A
Aroclor 1262	ND		ug/kg	58.0	7.37	1	A
Aroclor 1268	ND		ug/kg	58.0	6.01	1	A
PCBs, Total	ND		ug/kg	58.0	5.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-14
Client ID: I8_6-8
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 14:05
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/25/24 03:18
Analyst: MEO
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 23:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.0	5.42	1	A
Aroclor 1221	ND		ug/kg	61.0	6.12	1	A
Aroclor 1232	ND		ug/kg	61.0	12.9	1	A
Aroclor 1242	ND		ug/kg	61.0	8.23	1	A
Aroclor 1248	ND		ug/kg	61.0	9.16	1	A
Aroclor 1254	ND		ug/kg	61.0	6.68	1	A
Aroclor 1260	ND		ug/kg	61.0	11.3	1	A
Aroclor 1262	ND		ug/kg	61.0	7.75	1	A
Aroclor 1268	ND		ug/kg	61.0	6.32	1	A
PCBs, Total	ND		ug/kg	61.0	5.42	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-16
Client ID: I1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 14:45
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/25/24 02:09
Analyst: MEO
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 23:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.3	5.18	1	A
Aroclor 1221	ND		ug/kg	58.3	5.84	1	A
Aroclor 1232	ND		ug/kg	58.3	12.4	1	A
Aroclor 1242	ND		ug/kg	58.3	7.86	1	A
Aroclor 1248	ND		ug/kg	58.3	8.75	1	A
Aroclor 1254	ND		ug/kg	58.3	6.38	1	A
Aroclor 1260	ND		ug/kg	58.3	10.8	1	B
Aroclor 1262	ND		ug/kg	58.3	7.41	1	A
Aroclor 1268	ND		ug/kg	58.3	6.04	1	A
PCBs, Total	ND		ug/kg	58.3	5.18	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/24/24 23:51
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 05/23/24 23:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,06,09,14,16 Batch: WG1925234-1						
Aroclor 1016	ND		ug/kg	46.2	4.10	A
Aroclor 1221	ND		ug/kg	46.2	4.63	A
Aroclor 1232	ND		ug/kg	46.2	9.80	A
Aroclor 1242	ND		ug/kg	46.2	6.23	A
Aroclor 1248	ND		ug/kg	46.2	6.93	A
Aroclor 1254	ND		ug/kg	46.2	5.06	A
Aroclor 1260	ND		ug/kg	46.2	8.54	A
Aroclor 1262	ND		ug/kg	46.2	5.87	A
Aroclor 1268	ND		ug/kg	46.2	4.79	A
PCBs, Total	ND		ug/kg	46.2	4.10	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/25/24 09:18
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 05/24/24 15:45
Cleanup Method: EPA 3665A
Cleanup Date: 05/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 11 Batch: WG1925587-1						
Aroclor 1016	ND		ug/kg	48.1	4.27	A
Aroclor 1221	ND		ug/kg	48.1	4.82	A
Aroclor 1232	ND		ug/kg	48.1	10.2	A
Aroclor 1242	ND		ug/kg	48.1	6.48	A
Aroclor 1248	ND		ug/kg	48.1	7.21	A
Aroclor 1254	ND		ug/kg	48.1	5.26	A
Aroclor 1260	ND		ug/kg	48.1	8.88	A
Aroclor 1262	ND		ug/kg	48.1	6.10	A
Aroclor 1268	ND		ug/kg	48.1	4.98	A
PCBs, Total	ND		ug/kg	48.1	4.27	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	70		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,09,14,16 Batch: WG1925234-2 WG1925234-3									
Aroclor 1016	73		71		40-140	3		50	A
Aroclor 1260	69		68		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		78		30-150	A
Decachlorobiphenyl	94		94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		80		30-150	B
Decachlorobiphenyl	98		101		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 11 Batch: WG1925587-2 WG1925587-3									
Aroclor 1016	82		83		40-140	1		50	A
Aroclor 1260	78		78		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		80		30-150	A
Decachlorobiphenyl	75		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		84		30-150	B
Decachlorobiphenyl	78		78		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-01
Client ID: G5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 09:40
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/27/24 10:38
Analyst: AKM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 20:05
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.355	1	A
Lindane	ND		ug/kg	0.756	0.338	1	A
Alpha-BHC	ND		ug/kg	0.756	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.688	1	A
Heptachlor	32.3		ug/kg	0.908	0.407	1	B
Aldrin	ND		ug/kg	1.82	0.639	1	A
Heptachlor epoxide	5.52	IP	ug/kg	3.40	1.02	1	B
Endrin	ND		ug/kg	0.756	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.794	1	A
Endrin ketone	ND		ug/kg	1.82	0.467	1	A
Dieldrin	ND		ug/kg	1.13	0.567	1	A
4,4'-DDE	28.1		ug/kg	1.82	0.420	1	A
4,4'-DDD	ND		ug/kg	1.82	0.647	1	A
4,4'-DDT	27.2		ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.606	1	A
Endosulfan sulfate	ND		ug/kg	0.756	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.53	1	A
cis-Chlordane	258	IP	ug/kg	2.27	0.632	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-01
Client ID: G5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 09:40
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 12:14
Analyst: AKM
Percent Solids: 83%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	199	12.6	1	A
2,4,5-T	ND		ug/kg	199	6.18	1	A
2,4,5-TP (Silvex)	ND		ug/kg	199	5.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	90		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-01 D
Client ID: G5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/27/24 15:23
Analyst: PEG
Percent Solids: 83%

Date Collected: 05/21/24 09:40
Date Received: 05/21/24
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 05/23/24 20:05
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
trans-Chlordane	361		ug/kg	11.3	2.99	5	B
Chlordane	2680		ug/kg	75.6	30.1	5	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-02
Client ID: G5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 09:45
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/27/24 10:51
Analyst: AKM
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 20:05
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.96	0.383	1	A
Lindane	ND		ug/kg	0.815	0.364	1	A
Alpha-BHC	ND		ug/kg	0.815	0.231	1	A
Beta-BHC	ND		ug/kg	1.96	0.742	1	A
Heptachlor	ND		ug/kg	0.978	0.438	1	A
Aldrin	ND		ug/kg	1.96	0.689	1	A
Heptachlor epoxide	ND		ug/kg	3.67	1.10	1	A
Endrin	ND		ug/kg	0.815	0.334	1	A
Endrin aldehyde	ND		ug/kg	2.44	0.856	1	A
Endrin ketone	ND		ug/kg	1.96	0.504	1	A
Dieldrin	ND		ug/kg	1.22	0.611	1	A
4,4'-DDE	ND		ug/kg	1.96	0.452	1	A
4,4'-DDD	ND		ug/kg	1.96	0.698	1	A
4,4'-DDT	ND		ug/kg	1.96	1.57	1	A
Endosulfan I	ND		ug/kg	1.96	0.462	1	A
Endosulfan II	ND		ug/kg	1.96	0.654	1	A
Endosulfan sulfate	ND		ug/kg	0.815	0.388	1	A
Methoxychlor	ND		ug/kg	3.67	1.14	1	A
Toxaphene	ND		ug/kg	36.7	10.3	1	A
cis-Chlordane	ND		ug/kg	2.44	0.681	1	A
trans-Chlordane	ND		ug/kg	2.44	0.646	1	A
Chlordane	ND		ug/kg	16.3	6.48	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-02 Date Collected: 05/21/24 09:45

Client ID: G5_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	41		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	34		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-02
Client ID: G5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 09:45
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 12:33
Analyst: AKM
Percent Solids: 79%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	209	13.2	1	A
2,4,5-T	ND		ug/kg	209	6.48	1	A
2,4,5-TP (Silvex)	ND		ug/kg	209	5.56	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	64		30-150	A
DCAA	70		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-05
Client ID: E5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 11:05
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/27/24 11:03
Analyst: AKM
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 20:05
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.21	0.433	1	A
Lindane	ND		ug/kg	0.922	0.412	1	A
Alpha-BHC	ND		ug/kg	0.922	0.262	1	A
Beta-BHC	ND		ug/kg	2.21	0.839	1	A
Heptachlor	ND		ug/kg	1.10	0.496	1	A
Aldrin	ND		ug/kg	2.21	0.779	1	A
Heptachlor epoxide	22.2		ug/kg	4.15	1.24	1	A
Endrin	ND		ug/kg	0.922	0.378	1	A
Endrin aldehyde	ND		ug/kg	2.76	0.968	1	A
Endrin ketone	ND		ug/kg	2.21	0.570	1	A
Dieldrin	ND		ug/kg	1.38	0.691	1	A
4,4'-DDD	10.9		ug/kg	2.21	0.789	1	A
Endosulfan I	ND		ug/kg	2.21	0.522	1	A
Endosulfan II	ND		ug/kg	2.21	0.739	1	A
Endosulfan sulfate	ND		ug/kg	0.922	0.439	1	A
Methoxychlor	ND		ug/kg	4.15	1.29	1	A
Toxaphene	ND		ug/kg	41.5	11.6	1	A
cis-Chlordane	ND		ug/kg	2.76	0.770	1	A
trans-Chlordane	ND		ug/kg	2.76	0.730	1	A
Chlordane	ND		ug/kg	18.4	7.33	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-05
Client ID: E5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 11:05
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 12:51
Analyst: AKM
Percent Solids: 71%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	232	14.6	1	A
2,4,5-T	ND		ug/kg	232	7.19	1	A
2,4,5-TP (Silvex)	ND		ug/kg	232	6.17	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	94		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-05 D
Client ID: E5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 11:05
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/27/24 15:35
Analyst: PEG
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 20:05
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	458		ug/kg	11.0	2.56	5	A
4,4'-DDT	517		ug/kg	11.0	8.89	5	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-06
Client ID: E5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 11:10
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/27/24 11:16
Analyst: AKM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 20:05
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.367	1	A
Lindane	ND		ug/kg	0.781	0.349	1	A
Alpha-BHC	ND		ug/kg	0.781	0.222	1	A
Beta-BHC	ND		ug/kg	1.87	0.711	1	A
Heptachlor	ND		ug/kg	0.937	0.420	1	A
Aldrin	ND		ug/kg	1.87	0.660	1	A
Heptachlor epoxide	ND		ug/kg	3.51	1.05	1	A
Endrin	ND		ug/kg	0.781	0.320	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.820	1	A
Endrin ketone	ND		ug/kg	1.87	0.483	1	A
Dieldrin	ND		ug/kg	1.17	0.586	1	A
4,4'-DDE	2.23		ug/kg	1.87	0.433	1	A
4,4'-DDD	ND		ug/kg	1.87	0.668	1	A
4,4'-DDT	1.52	J	ug/kg	1.87	1.51	1	A
Endosulfan I	ND		ug/kg	1.87	0.443	1	A
Endosulfan II	ND		ug/kg	1.87	0.626	1	A
Endosulfan sulfate	ND		ug/kg	0.781	0.372	1	A
Methoxychlor	ND		ug/kg	3.51	1.09	1	A
Toxaphene	ND		ug/kg	35.1	9.84	1	A
cis-Chlordane	ND		ug/kg	2.34	0.653	1	A
trans-Chlordane	ND		ug/kg	2.34	0.618	1	A
Chlordane	ND		ug/kg	15.6	6.21	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-06 Date Collected: 05/21/24 11:10

Client ID: E5_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-06
Client ID: E5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 11:10
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 13:10
Analyst: AKM
Percent Solids: 81%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	199	12.5	1	A
2,4,5-T	ND		ug/kg	199	6.17	1	A
2,4,5-TP (Silvex)	ND		ug/kg	199	5.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	90		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-09
Client ID: G5_13-15
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 11:55
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/27/24 11:28
Analyst: AKM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 20:05
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.324	1	A
Lindane	ND		ug/kg	0.689	0.308	1	A
Alpha-BHC	ND		ug/kg	0.689	0.196	1	A
Beta-BHC	ND		ug/kg	1.65	0.627	1	A
Heptachlor	0.747	J	ug/kg	0.827	0.371	1	B
Aldrin	ND		ug/kg	1.65	0.582	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.930	1	A
Endrin	ND		ug/kg	0.689	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.724	1	A
Endrin ketone	ND		ug/kg	1.65	0.426	1	A
Dieldrin	ND		ug/kg	1.03	0.517	1	A
4,4'-DDE	1.85		ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.590	1	A
4,4'-DDT	2.10		ug/kg	1.65	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.391	1	A
Endosulfan II	ND		ug/kg	1.65	0.553	1	A
Endosulfan sulfate	ND		ug/kg	0.689	0.328	1	A
Methoxychlor	ND		ug/kg	3.10	0.965	1	A
Toxaphene	ND		ug/kg	31.0	8.68	1	A
cis-Chlordane	3.75	IP	ug/kg	2.07	0.576	1	B
trans-Chlordane	4.10	IP	ug/kg	2.07	0.546	1	B
Chlordane	52.4		ug/kg	13.8	5.48	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-09 Date Collected: 05/21/24 11:55

Client ID: G5_13-15 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-09
Client ID: G5_13-15
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 11:55
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 13:28
Analyst: AKM
Percent Solids: 91%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	178	11.2	1	A
2,4,5-T	ND		ug/kg	178	5.50	1	A
2,4,5-TP (Silvex)	ND		ug/kg	178	4.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-10
Client ID: I8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 13:45
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/27/24 11:41
Analyst: AKM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 20:05
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.686	0.306	1	A
Alpha-BHC	ND		ug/kg	0.686	0.195	1	A
Beta-BHC	ND		ug/kg	1.64	0.624	1	A
Heptachlor	ND		ug/kg	0.823	0.369	1	A
Aldrin	ND		ug/kg	1.64	0.579	1	A
Heptachlor epoxide	7.84		ug/kg	3.08	0.926	1	B
Endrin	ND		ug/kg	0.686	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.720	1	A
Endrin ketone	ND		ug/kg	1.64	0.424	1	A
Dieldrin	31.7		ug/kg	1.03	0.514	1	A
4,4'-DDE	13.5		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.587	1	A
4,4'-DDT	4.48		ug/kg	1.64	1.32	1	B
Endosulfan I	ND		ug/kg	1.64	0.389	1	A
Endosulfan II	ND		ug/kg	1.64	0.550	1	A
Endosulfan sulfate	ND		ug/kg	0.686	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.960	1	A
Toxaphene	ND		ug/kg	30.8	8.64	1	A
cis-Chlordane	40.8	IP	ug/kg	2.06	0.573	1	B
trans-Chlordane	41.1		ug/kg	2.06	0.543	1	B
Chlordane	249		ug/kg	13.7	5.45	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-10 Date Collected: 05/21/24 13:45

Client ID: I8_0-0.2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-10
Client ID: I8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 13:45
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 14:06
Analyst: AKM
Percent Solids: 92%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	178	11.2	1	A
2,4,5-T	ND		ug/kg	178	5.50	1	A
2,4,5-TP (Silvex)	ND		ug/kg	178	4.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-11
Client ID: I8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 13:50
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/27/24 11:53
Analyst: MMG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 21:32
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.755	0.338	1	A
Alpha-BHC	ND		ug/kg	0.755	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.687	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	2.12	J	ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.755	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.793	1	A
Endrin ketone	ND		ug/kg	1.81	0.467	1	A
Dieldrin	4.11		ug/kg	1.13	0.566	1	A
4,4'-DDE	15.8		ug/kg	1.81	0.419	1	A
4,4'-DDD	2.52		ug/kg	1.81	0.646	1	A
4,4'-DDT	2.88		ug/kg	1.81	1.46	1	B
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.606	1	A
Endosulfan sulfate	ND		ug/kg	0.755	0.359	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.51	1	A
cis-Chlordane	42.3	IP	ug/kg	2.26	0.631	1	B
trans-Chlordane	40.8		ug/kg	2.26	0.598	1	B
Chlordane	263		ug/kg	15.1	6.00	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-11 Date Collected: 05/21/24 13:50

Client ID: I8_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-11
Client ID: I8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 13:50
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 14:24
Analyst: AKM
Percent Solids: 85%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.94	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-12
Client ID: I8_2-4
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/21/24 13:55
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/03/24 19:40
Analyst: JAG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/02/24 15:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.89	0.370	1	A
Lindane	ND		ug/kg	0.788	0.352	1	A
Alpha-BHC	ND		ug/kg	0.788	0.224	1	A
Beta-BHC	ND		ug/kg	1.89	0.717	1	A
Heptachlor	ND		ug/kg	0.945	0.424	1	A
Aldrin	ND		ug/kg	1.89	0.666	1	A
Heptachlor epoxide	ND		ug/kg	3.54	1.06	1	A
Endrin	ND		ug/kg	0.788	0.323	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.827	1	A
Endrin ketone	ND		ug/kg	1.89	0.487	1	A
Dieldrin	ND		ug/kg	1.18	0.591	1	A
4,4'-DDE	1.54	J	ug/kg	1.89	0.437	1	A
4,4'-DDD	ND		ug/kg	1.89	0.674	1	A
4,4'-DDT	ND		ug/kg	1.89	1.52	1	A
Endosulfan I	ND		ug/kg	1.89	0.447	1	A
Endosulfan II	ND		ug/kg	1.89	0.632	1	A
Endosulfan sulfate	ND		ug/kg	0.788	0.375	1	A
Methoxychlor	ND		ug/kg	3.54	1.10	1	A
Toxaphene	ND		ug/kg	35.4	9.92	1	A
cis-Chlordane	ND		ug/kg	2.36	0.658	1	A
trans-Chlordane	ND		ug/kg	2.36	0.624	1	A
Chlordane	ND		ug/kg	15.8	6.26	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-12 Date Collected: 05/21/24 13:55

Client ID: I8_2-4 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-14
Client ID: I8_6-8
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 14:05
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/27/24 12:06
Analyst: MMG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 20:05
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.97	0.386	1	A
Lindane	ND		ug/kg	0.821	0.367	1	A
Alpha-BHC	ND		ug/kg	0.821	0.233	1	A
Beta-BHC	ND		ug/kg	1.97	0.747	1	A
Heptachlor	ND		ug/kg	0.985	0.442	1	A
Aldrin	ND		ug/kg	1.97	0.694	1	A
Heptachlor epoxide	ND		ug/kg	3.69	1.11	1	A
Endrin	ND		ug/kg	0.821	0.337	1	A
Endrin aldehyde	ND		ug/kg	2.46	0.862	1	A
Endrin ketone	ND		ug/kg	1.97	0.507	1	A
Dieldrin	ND		ug/kg	1.23	0.616	1	A
4,4'-DDE	ND		ug/kg	1.97	0.456	1	A
4,4'-DDD	ND		ug/kg	1.97	0.703	1	A
4,4'-DDT	ND		ug/kg	1.97	1.58	1	A
Endosulfan I	ND		ug/kg	1.97	0.465	1	A
Endosulfan II	ND		ug/kg	1.97	0.658	1	A
Endosulfan sulfate	ND		ug/kg	0.821	0.391	1	A
Methoxychlor	ND		ug/kg	3.69	1.15	1	A
Toxaphene	ND		ug/kg	36.9	10.3	1	A
cis-Chlordane	ND		ug/kg	2.46	0.686	1	A
trans-Chlordane	ND		ug/kg	2.46	0.650	1	A
Chlordane	ND		ug/kg	16.4	6.53	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-14 Date Collected: 05/21/24 14:05

Client ID: I8_6-8 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-14
Client ID: I8_6-8
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 14:05
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 14:43
Analyst: AKM
Percent Solids: 79%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	205	12.9	1	A
2,4,5-T	ND		ug/kg	205	6.35	1	A
2,4,5-TP (Silvex)	ND		ug/kg	205	5.44	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-15
Client ID: I1_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 14:40
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/27/24 12:18
Analyst: MMG
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 05/24/24 17:18
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.15	0.422	1	A
Lindane	ND		ug/kg	0.897	0.401	1	A
Alpha-BHC	ND		ug/kg	0.897	0.255	1	A
Beta-BHC	ND		ug/kg	2.15	0.817	1	A
Heptachlor	ND		ug/kg	1.08	0.483	1	A
Aldrin	ND		ug/kg	2.15	0.758	1	A
Heptachlor epoxide	16.6		ug/kg	4.04	1.21	1	B
Endrin	ND		ug/kg	0.897	0.368	1	A
Endrin aldehyde	ND		ug/kg	2.69	0.942	1	A
Endrin ketone	ND		ug/kg	2.15	0.555	1	A
Dieldrin	1.68		ug/kg	1.35	0.673	1	A
4,4'-DDE	107		ug/kg	2.15	0.498	1	A
4,4'-DDD	7.63		ug/kg	2.15	0.768	1	A
4,4'-DDT	46.0		ug/kg	2.15	1.73	1	A
Endosulfan I	ND		ug/kg	2.15	0.509	1	A
Endosulfan II	ND		ug/kg	2.15	0.720	1	A
Endosulfan sulfate	ND		ug/kg	0.897	0.427	1	A
Methoxychlor	ND		ug/kg	4.04	1.26	1	A
Toxaphene	ND		ug/kg	40.4	11.3	1	A
cis-Chlordane	3.53	IP	ug/kg	2.69	0.750	1	B
trans-Chlordane	7.27	IP	ug/kg	2.69	0.711	1	B
Chlordane	35.1	IP	ug/kg	17.9	7.13	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-15 Date Collected: 05/21/24 14:40

Client ID: I1_0-0.2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-15
Client ID: I1_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 14:40
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 15:01
Analyst: AKM
Percent Solids: 71%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	233	14.7	1	A
2,4,5-T	ND		ug/kg	233	7.23	1	A
2,4,5-TP (Silvex)	ND		ug/kg	233	6.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-16
Client ID: I1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 14:45
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/27/24 12:31
Analyst: MMG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 21:32
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.89	0.370	1	A
Lindane	ND		ug/kg	0.788	0.352	1	A
Alpha-BHC	ND		ug/kg	0.788	0.224	1	A
Beta-BHC	ND		ug/kg	1.89	0.717	1	A
Heptachlor	ND		ug/kg	0.945	0.424	1	A
Aldrin	ND		ug/kg	1.89	0.666	1	A
Heptachlor epoxide	11.3		ug/kg	3.54	1.06	1	B
Endrin	ND		ug/kg	0.788	0.323	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.827	1	A
Endrin ketone	ND		ug/kg	1.89	0.487	1	A
Dieldrin	1.18		ug/kg	1.18	0.591	1	A
4,4'-DDE	63.7		ug/kg	1.89	0.437	1	A
4,4'-DDD	4.55		ug/kg	1.89	0.674	1	A
4,4'-DDT	29.3		ug/kg	1.89	1.52	1	A
Endosulfan I	ND		ug/kg	1.89	0.446	1	A
Endosulfan II	ND		ug/kg	1.89	0.632	1	A
Endosulfan sulfate	ND		ug/kg	0.788	0.375	1	A
Methoxychlor	ND		ug/kg	3.54	1.10	1	A
Toxaphene	ND		ug/kg	35.4	9.92	1	A
cis-Chlordane	2.22	JIP	ug/kg	2.36	0.658	1	B
trans-Chlordane	5.89	IP	ug/kg	2.36	0.624	1	B
Chlordane	22.9	IP	ug/kg	15.8	6.26	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-16 Date Collected: 05/21/24 14:45

Client ID: I1_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-16
Client ID: I1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 15:20
Analyst: AKM
Percent Solids: 83%
Methylation Date: 05/27/24 15:40

Date Collected: 05/21/24 14:45
Date Received: 05/21/24
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	197	12.4	1	A
2,4,5-T	ND		ug/kg	197	6.12	1	A
2,4,5-TP (Silvex)	ND		ug/kg	197	5.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	94		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-17
Client ID: I1_2-4
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 14:50
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/03/24 19:51
Analyst: JAG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/02/24 15:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.760	0.340	1	A
Alpha-BHC	ND		ug/kg	0.760	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.691	1	A
Heptachlor	ND		ug/kg	0.911	0.409	1	A
Aldrin	ND		ug/kg	1.82	0.642	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.02	1	A
Endrin	ND		ug/kg	0.760	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.797	1	A
Endrin ketone	ND		ug/kg	1.82	0.469	1	A
Dieldrin	ND		ug/kg	1.14	0.570	1	A
4,4'-DDE	4.54		ug/kg	1.82	0.422	1	A
4,4'-DDD	ND		ug/kg	1.82	0.650	1	A
4,4'-DDT	ND		ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.431	1	A
Endosulfan II	ND		ug/kg	1.82	0.609	1	A
Endosulfan sulfate	ND		ug/kg	0.760	0.362	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.57	1	A
cis-Chlordane	ND		ug/kg	2.28	0.635	1	A
trans-Chlordane	ND		ug/kg	2.28	0.602	1	A
Chlordane	ND		ug/kg	15.2	6.04	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-17 Date Collected: 05/21/24 14:50

Client ID: I1_2-4 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/25/24 16:53
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 05/23/24 20:05
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-11,14-16 Batch: WG1925205-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.651	0.291	A
Alpha-BHC	ND		ug/kg	0.651	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.593	A
Heptachlor	ND		ug/kg	0.782	0.350	A
Aldrin	ND		ug/kg	1.56	0.550	A
Heptachlor epoxide	ND		ug/kg	2.93	0.879	A
Endrin	ND		ug/kg	0.651	0.267	A
Endrin aldehyde	ND		ug/kg	1.95	0.684	A
Endrin ketone	ND		ug/kg	1.56	0.403	A
Dieldrin	ND		ug/kg	0.977	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.362	A
4,4'-DDD	ND		ug/kg	1.56	0.558	A
4,4'-DDT	ND		ug/kg	1.56	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.522	A
Endosulfan sulfate	ND		ug/kg	0.651	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.912	A
Toxaphene	ND		ug/kg	29.3	8.21	A
cis-Chlordane	ND		ug/kg	1.95	0.545	A
trans-Chlordane	ND		ug/kg	1.95	0.516	A
Chlordane	ND		ug/kg	13.0	5.18	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/25/24 16:53
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 05/23/24 20:05
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-11,14-16 Batch: WG1925205-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	128		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/28/24 11:18
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:30

Methylation Date: 05/27/24 15:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,05-06,09-11,14-16 Batch: WG1925999-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.04	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.32	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/03/24 19:07
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 06/02/24 15:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 12,17 Batch: WG1928676-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.654	0.292	A
Alpha-BHC	ND		ug/kg	0.654	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.595	A
Heptachlor	ND		ug/kg	0.784	0.352	A
Aldrin	ND		ug/kg	1.57	0.552	A
Heptachlor epoxide	ND		ug/kg	2.94	0.882	A
Endrin	ND		ug/kg	0.654	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.686	A
Endrin ketone	ND		ug/kg	1.57	0.404	A
Dieldrin	ND		ug/kg	0.980	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.559	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.370	A
Endosulfan II	ND		ug/kg	1.57	0.524	A
Endosulfan sulfate	ND		ug/kg	0.654	0.311	A
Methoxychlor	ND		ug/kg	2.94	0.915	A
Toxaphene	ND		ug/kg	29.4	8.24	A
cis-Chlordane	ND		ug/kg	1.96	0.546	A
trans-Chlordane	ND		ug/kg	1.96	0.518	A
Chlordane	ND		ug/kg	13.1	5.20	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/03/24 19:07
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 06/02/24 15:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 12,17 Batch: WG1928676-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-11,14-16 Batch: WG1925205-2 WG1925205-3									
Delta-BHC	103		103		30-150	0		30	A
Lindane	102		103		30-150	1		30	A
Alpha-BHC	100		101		30-150	1		30	A
Beta-BHC	105		105		30-150	0		30	A
Heptachlor	95		96		30-150	1		30	A
Aldrin	97		98		30-150	1		30	A
Heptachlor epoxide	83		84		30-150	1		30	A
Endrin	106		106		30-150	0		30	A
Endrin aldehyde	98		96		30-150	2		30	A
Endrin ketone	123		123		30-150	0		30	A
Dieldrin	111		113		30-150	2		30	A
4,4'-DDE	108		109		30-150	1		30	A
4,4'-DDD	122		123		30-150	1		30	A
4,4'-DDT	114		114		30-150	0		30	A
Endosulfan I	97		98		30-150	1		30	A
Endosulfan II	105		106		30-150	1		30	A
Endosulfan sulfate	107		108		30-150	1		30	A
Methoxychlor	123		122		30-150	1		30	A
cis-Chlordane	91		92		30-150	1		30	A
trans-Chlordane	102		103		30-150	1		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-11,14-16 Batch: WG1925205-2 WG1925205-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		84		30-150	A
Decachlorobiphenyl	113		106		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		97		30-150	B
Decachlorobiphenyl	133		130		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-11,14-16 Batch: WG1925999-2 WG1925999-3									
2,4-D	67		76		30-150	13		30	A
2,4,5-T	69		83		30-150	18		30	A
2,4,5-TP (Silvex)	67		81		30-150	19		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	61		72		30-150	A
DCAA	69		84		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 12,17 Batch: WG1928676-2 WG1928676-3									
Delta-BHC	85		98		30-150	14		30	A
Lindane	85		96		30-150	12		30	A
Alpha-BHC	87		98		30-150	12		30	A
Beta-BHC	93		96		30-150	3		30	A
Heptachlor	85		97		30-150	13		30	A
Aldrin	91		104		30-150	13		30	A
Heptachlor epoxide	81		90		30-150	11		30	A
Endrin	94		106		30-150	12		30	A
Endrin aldehyde	71		82		30-150	14		30	A
Endrin ketone	80		91		30-150	13		30	A
Dieldrin	102		116		30-150	13		30	A
4,4'-DDE	96		111		30-150	14		30	A
4,4'-DDD	102		116		30-150	13		30	A
4,4'-DDT	89		102		30-150	14		30	A
Endosulfan I	92		103		30-150	11		30	A
Endosulfan II	98		110		30-150	12		30	A
Endosulfan sulfate	80		91		30-150	13		30	A
Methoxychlor	81		92		30-150	13		30	A
cis-Chlordane	85		97		30-150	13		30	A
trans-Chlordane	101		113		30-150	11		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 12,17 Batch: WG1928676-2 WG1928676-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		88		30-150	A
Decachlorobiphenyl	52		59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		87		30-150	B
Decachlorobiphenyl	68		76		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-01 Date Collected: 05/21/24 09:40

Client ID: G5_0-0.2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10900		mg/kg	9.42	2.54	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Antimony, Total	0.673	J	mg/kg	4.71	0.358	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Arsenic, Total	7.91		mg/kg	0.942	0.196	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Barium, Total	79.0		mg/kg	0.942	0.164	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.393	J	mg/kg	0.471	0.031	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.166	J	mg/kg	0.942	0.092	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Calcium, Total	14500		mg/kg	9.42	3.30	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Chromium, Total	14.7		mg/kg	0.942	0.091	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Cobalt, Total	9.61		mg/kg	1.88	0.156	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Copper, Total	39.2		mg/kg	0.942	0.243	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Iron, Total	18700		mg/kg	4.71	0.851	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Lead, Total	33.2		mg/kg	4.71	0.252	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Magnesium, Total	8910		mg/kg	9.42	1.45	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Manganese, Total	500		mg/kg	0.942	0.150	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Mercury, Total	0.436		mg/kg	0.081	0.053	1	05/28/24 16:17	05/28/24 20:14	EPA 7471B	1,7471B	JTS
Nickel, Total	14.0		mg/kg	2.36	0.228	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Potassium, Total	1250		mg/kg	236	13.6	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.88	0.243	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.471	0.267	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Sodium, Total	110	J	mg/kg	188	2.97	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.88	0.297	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Vanadium, Total	36.7		mg/kg	0.942	0.191	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF
Zinc, Total	62.0		mg/kg	4.71	0.276	2	05/28/24 15:00	05/28/24 18:05	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-02
Client ID: G5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/21/24 09:45
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13400		mg/kg	9.74	2.63	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Antimony, Total	0.398	J	mg/kg	4.87	0.370	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.62		mg/kg	0.974	0.203	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Barium, Total	84.9		mg/kg	0.974	0.170	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.486	J	mg/kg	0.487	0.032	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.096	J	mg/kg	0.974	0.096	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Calcium, Total	923		mg/kg	9.74	3.41	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Chromium, Total	18.8		mg/kg	0.974	0.094	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.16		mg/kg	1.95	0.162	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Copper, Total	22.3		mg/kg	0.974	0.251	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Iron, Total	23200		mg/kg	4.87	0.880	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Lead, Total	7.75		mg/kg	4.87	0.261	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Magnesium, Total	3670		mg/kg	9.74	1.50	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Manganese, Total	378		mg/kg	0.974	0.155	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.085	0.056	1	05/28/24 16:17	05/28/24 20:17	EPA 7471B	1,7471B	JTS
Nickel, Total	17.3		mg/kg	2.44	0.236	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Potassium, Total	822		mg/kg	244	14.0	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Selenium, Total	0.305	J	mg/kg	1.95	0.251	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.487	0.276	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Sodium, Total	39.6	J	mg/kg	195	3.07	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Thallium, Total	0.344	J	mg/kg	1.95	0.307	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Vanadium, Total	26.4		mg/kg	0.974	0.198	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF
Zinc, Total	48.0		mg/kg	4.87	0.286	2	05/28/24 15:00	05/28/24 18:08	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-05 Date Collected: 05/21/24 11:05

Client ID: E5_0-0.2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	19400		mg/kg	11.3	3.06	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Antimony, Total	0.727	J	mg/kg	5.66	0.430	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Arsenic, Total	28.6		mg/kg	1.13	0.236	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Barium, Total	169		mg/kg	1.13	0.197	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.916		mg/kg	0.566	0.037	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.188	J	mg/kg	1.13	0.111	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Calcium, Total	412		mg/kg	11.3	3.96	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Chromium, Total	22.8		mg/kg	1.13	0.109	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Cobalt, Total	9.11		mg/kg	2.26	0.188	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Copper, Total	24.9		mg/kg	1.13	0.292	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Iron, Total	20800		mg/kg	5.66	1.02	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Lead, Total	98.1		mg/kg	5.66	0.304	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Magnesium, Total	3250		mg/kg	11.3	1.74	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Manganese, Total	1190		mg/kg	1.13	0.180	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Mercury, Total	0.449		mg/kg	0.116	0.076	1	05/28/24 16:17	05/28/24 20:20	EPA 7471B	1,7471B	JTS
Nickel, Total	18.2		mg/kg	2.83	0.274	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Potassium, Total	776		mg/kg	283	16.3	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Selenium, Total	0.681	J	mg/kg	2.26	0.292	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.566	0.321	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Sodium, Total	28.2	J	mg/kg	226	3.57	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	2.26	0.357	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Vanadium, Total	30.2		mg/kg	1.13	0.230	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF
Zinc, Total	61.7		mg/kg	5.66	0.332	2	05/28/24 15:00	05/28/24 18:40	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-06 Date Collected: 05/21/24 11:10

Client ID: E5_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15400		mg/kg	9.55	2.58	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.77	0.363	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Arsenic, Total	3.70		mg/kg	0.955	0.199	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Barium, Total	77.2		mg/kg	0.955	0.166	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.380	J	mg/kg	0.477	0.032	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.955	0.094	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Calcium, Total	300		mg/kg	9.55	3.34	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Chromium, Total	18.2		mg/kg	0.955	0.092	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.63		mg/kg	1.91	0.158	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Copper, Total	31.8		mg/kg	0.955	0.246	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Iron, Total	20300		mg/kg	4.77	0.862	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Lead, Total	9.40		mg/kg	4.77	0.256	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Magnesium, Total	3080		mg/kg	9.55	1.47	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Manganese, Total	307		mg/kg	0.955	0.152	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.078	0.051	1	05/29/24 02:45	05/29/24 08:08	EPA 7471B	1,7471B	JWN
Nickel, Total	15.7		mg/kg	2.39	0.231	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Potassium, Total	572		mg/kg	239	13.8	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Selenium, Total	0.422	J	mg/kg	1.91	0.246	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.477	0.270	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Sodium, Total	17.1	J	mg/kg	191	3.01	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Thallium, Total	0.882	J	mg/kg	1.91	0.301	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.8		mg/kg	0.955	0.194	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL
Zinc, Total	42.8		mg/kg	4.77	0.280	2	05/29/24 01:43	05/29/24 09:20	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-09
Client ID: G5_13-15
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/21/24 11:55
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10000		mg/kg	8.57	2.31	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.28	0.326	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.89		mg/kg	0.857	0.178	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Barium, Total	88.6		mg/kg	0.857	0.149	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.228	J	mg/kg	0.428	0.028	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.857	0.084	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Calcium, Total	3420		mg/kg	8.57	3.00	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Chromium, Total	24.2		mg/kg	0.857	0.082	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.03		mg/kg	1.71	0.142	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Copper, Total	31.0		mg/kg	0.857	0.221	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Iron, Total	22000		mg/kg	4.28	0.774	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Lead, Total	5.30		mg/kg	4.28	0.230	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Magnesium, Total	5040		mg/kg	8.57	1.32	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Manganese, Total	405		mg/kg	0.857	0.136	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.069	0.045	1	05/29/24 02:45	05/29/24 08:11	EPA 7471B	1,7471B	JWN
Nickel, Total	21.6		mg/kg	2.14	0.207	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Potassium, Total	2330		mg/kg	214	12.3	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.71	0.221	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.428	0.242	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Sodium, Total	78.0	J	mg/kg	171	2.70	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Thallium, Total	1.10	J	mg/kg	1.71	0.270	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Vanadium, Total	24.8		mg/kg	0.857	0.174	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL
Zinc, Total	50.1		mg/kg	4.28	0.251	2	05/29/24 01:43	05/29/24 09:26	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-10 Date Collected: 05/21/24 13:45

Client ID: I8_0-0.2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6160		mg/kg	8.61	2.32	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.30	0.327	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Arsenic, Total	4.12		mg/kg	0.861	0.179	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Barium, Total	36.9		mg/kg	0.861	0.150	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.042	J	mg/kg	0.430	0.028	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.118	J	mg/kg	0.861	0.084	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Calcium, Total	9140		mg/kg	8.61	3.01	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Chromium, Total	13.0		mg/kg	0.861	0.083	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.44		mg/kg	1.72	0.143	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Copper, Total	44.7		mg/kg	0.861	0.222	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Iron, Total	14700		mg/kg	4.30	0.777	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Lead, Total	14.2		mg/kg	4.30	0.231	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Magnesium, Total	7450		mg/kg	8.61	1.32	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Manganese, Total	165		mg/kg	0.861	0.137	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Mercury, Total	0.244		mg/kg	0.073	0.048	1	05/29/24 02:45	05/29/24 08:21	EPA 7471B	1,7471B	JWN
Nickel, Total	10.5		mg/kg	2.15	0.208	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Potassium, Total	1010		mg/kg	215	12.4	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Selenium, Total	0.466	J	mg/kg	1.72	0.222	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.430	0.244	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Sodium, Total	127	J	mg/kg	172	2.71	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Thallium, Total	1.09	J	mg/kg	1.72	0.271	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Vanadium, Total	34.9		mg/kg	0.861	0.175	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL
Zinc, Total	41.8		mg/kg	4.30	0.252	2	05/29/24 01:43	05/29/24 10:11	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-11
Client ID: I8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/21/24 13:50
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9020		mg/kg	9.16	2.47	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.58	0.348	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Arsenic, Total	4.19		mg/kg	0.916	0.190	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Barium, Total	63.7		mg/kg	0.916	0.159	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.091	J	mg/kg	0.458	0.030	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.916	0.090	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Calcium, Total	7860		mg/kg	9.16	3.21	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Chromium, Total	16.9		mg/kg	0.916	0.088	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.47		mg/kg	1.83	0.152	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Copper, Total	21.6		mg/kg	0.916	0.236	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Iron, Total	13600		mg/kg	4.58	0.827	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Lead, Total	21.4		mg/kg	4.58	0.246	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Magnesium, Total	7680		mg/kg	9.16	1.41	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Manganese, Total	140		mg/kg	0.916	0.146	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Mercury, Total	0.270		mg/kg	0.079	0.051	1	05/29/24 02:45	05/29/24 08:24	EPA 7471B	1,7471B	JWN
Nickel, Total	11.4		mg/kg	2.29	0.222	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Potassium, Total	1110		mg/kg	229	13.2	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Selenium, Total	0.243	J	mg/kg	1.83	0.236	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.458	0.259	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Sodium, Total	59.9	J	mg/kg	183	2.89	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Thallium, Total	1.41	J	mg/kg	1.83	0.289	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Vanadium, Total	23.6		mg/kg	0.916	0.186	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL
Zinc, Total	45.3		mg/kg	4.58	0.268	2	05/29/24 01:43	05/29/24 10:16	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-12 Date Collected: 05/21/24 13:55

Client ID: I8_2-4 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6880		mg/kg	9.35	2.52	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.68	0.355	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.25		mg/kg	0.935	0.194	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Barium, Total	62.7		mg/kg	0.935	0.163	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.251	J	mg/kg	0.468	0.031	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.120	J	mg/kg	0.935	0.092	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Calcium, Total	1570		mg/kg	9.35	3.27	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Chromium, Total	17.1		mg/kg	0.935	0.090	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.28		mg/kg	1.87	0.155	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Copper, Total	9.55		mg/kg	0.935	0.241	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Iron, Total	9700		mg/kg	4.68	0.844	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Lead, Total	3.09	J	mg/kg	4.68	0.251	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Magnesium, Total	5510		mg/kg	9.35	1.44	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Manganese, Total	92.9		mg/kg	0.935	0.149	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.075	0.049	1	06/06/24 02:37	06/06/24 22:37	EPA 7471B	1,7471B	JWN
Nickel, Total	11.3		mg/kg	2.34	0.226	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Potassium, Total	1020		mg/kg	234	13.5	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.87	0.241	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.468	0.265	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Sodium, Total	35.9	J	mg/kg	187	2.94	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Thallium, Total	0.388	J	mg/kg	1.87	0.294	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Vanadium, Total	16.6		mg/kg	0.935	0.190	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL
Zinc, Total	31.9		mg/kg	4.68	0.274	2	06/06/24 01:48	06/06/24 12:07	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-14
Client ID: I8_6-8
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/21/24 14:05
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5840		mg/kg	10.0	2.71	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	5.02	0.381	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Arsenic, Total	0.859	J	mg/kg	1.00	0.209	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Barium, Total	54.1		mg/kg	1.00	0.174	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.055	J	mg/kg	0.502	0.033	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	1.00	0.098	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Calcium, Total	14400		mg/kg	10.0	3.51	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Chromium, Total	16.3		mg/kg	1.00	0.096	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.63		mg/kg	2.01	0.166	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Copper, Total	8.32		mg/kg	1.00	0.259	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Iron, Total	10300		mg/kg	5.02	0.906	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Lead, Total	2.96	J	mg/kg	5.02	0.269	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Magnesium, Total	12000		mg/kg	10.0	1.54	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Manganese, Total	120		mg/kg	1.00	0.160	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.091	0.059	1	05/29/24 02:45	05/29/24 08:28	EPA 7471B	1,7471B	JWN
Nickel, Total	9.26		mg/kg	2.51	0.243	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Potassium, Total	1260		mg/kg	251	14.4	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	2.01	0.259	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.502	0.284	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Sodium, Total	39.9	J	mg/kg	201	3.16	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Thallium, Total	0.984	J	mg/kg	2.01	0.316	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Vanadium, Total	15.5		mg/kg	1.00	0.204	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL
Zinc, Total	29.2		mg/kg	5.02	0.294	2	05/29/24 01:43	05/29/24 10:22	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-15 Date Collected: 05/21/24 14:40

Client ID: I1_0-0.2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11500		mg/kg	11.1	3.01	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	5.57	0.423	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Arsenic, Total	23.6		mg/kg	1.11	0.232	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Barium, Total	85.8		mg/kg	1.11	0.194	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.373	J	mg/kg	0.557	0.037	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.204	J	mg/kg	1.11	0.109	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Calcium, Total	4340		mg/kg	11.1	3.90	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Chromium, Total	18.5		mg/kg	1.11	0.107	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.53		mg/kg	2.23	0.185	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Copper, Total	21.4		mg/kg	1.11	0.287	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Iron, Total	15200		mg/kg	5.57	1.00	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Lead, Total	148		mg/kg	5.57	0.298	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Magnesium, Total	3310		mg/kg	11.1	1.72	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Manganese, Total	389		mg/kg	1.11	0.177	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Mercury, Total	0.304		mg/kg	0.095	0.062	1	05/29/24 02:45	05/29/24 08:31	EPA 7471B	1,7471B	JWN
Nickel, Total	13.2		mg/kg	2.78	0.270	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Potassium, Total	853		mg/kg	278	16.0	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Selenium, Total	0.304	J	mg/kg	2.23	0.287	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.557	0.315	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Sodium, Total	41.0	J	mg/kg	223	3.51	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Thallium, Total	1.27	J	mg/kg	2.23	0.351	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Vanadium, Total	24.0		mg/kg	1.11	0.226	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL
Zinc, Total	101		mg/kg	5.57	0.326	2	05/29/24 01:43	05/29/24 10:27	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-16 Date Collected: 05/21/24 14:45

Client ID: I1_0.2-2 Date Received: 05/21/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15000		mg/kg	9.34	2.52	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.67	0.355	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Arsenic, Total	9.98		mg/kg	0.934	0.194	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Barium, Total	116		mg/kg	0.934	0.163	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.228	J	mg/kg	0.467	0.031	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.106	J	mg/kg	0.934	0.092	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Calcium, Total	2370		mg/kg	9.34	3.27	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Chromium, Total	22.1		mg/kg	0.934	0.090	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.44		mg/kg	1.87	0.155	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Copper, Total	17.8		mg/kg	0.934	0.241	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Iron, Total	20600		mg/kg	4.67	0.844	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Lead, Total	59.8		mg/kg	4.67	0.250	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Magnesium, Total	4660		mg/kg	9.34	1.44	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Manganese, Total	365		mg/kg	0.934	0.148	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Mercury, Total	0.145		mg/kg	0.084	0.055	1	05/29/24 02:45	05/29/24 08:34	EPA 7471B	1,7471B	JWN
Nickel, Total	19.8		mg/kg	2.34	0.226	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Potassium, Total	2430		mg/kg	234	13.4	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.87	0.241	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.467	0.264	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Sodium, Total	42.0	J	mg/kg	187	2.94	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Thallium, Total	1.52	J	mg/kg	1.87	0.294	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Vanadium, Total	32.6		mg/kg	0.934	0.190	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL
Zinc, Total	77.9		mg/kg	4.67	0.274	2	05/29/24 01:43	05/29/24 10:32	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05 Batch: WG1926284-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Antimony, Total	0.172	J	mg/kg	2.00	0.152	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Chromium, Total	0.045	J	mg/kg	0.400	0.038	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Iron, Total	0.683	J	mg/kg	2.00	0.361	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	05/28/24 15:00	05/28/24 17:53	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05 Batch: WG1926287-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/28/24 16:17	05/28/24 19:57	1,7471B	JTS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06,09-11,14-16 Batch: WG1926333-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Chromium, Total	0.047	J	mg/kg	0.400	0.038	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Iron, Total	1.16	J	mg/kg	2.00	0.361	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	05/29/24 01:43	05/29/24 09:04	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428227

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06,09-11,14-16 Batch: WG1926335-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/29/24 02:45	05/29/24 07:48	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 12 Batch: WG1930226-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Iron, Total	1.45	J	mg/kg	2.00	0.361	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 12 Batch: WG1930228-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/06/24 02:37	06/06/24 22:30	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05 Batch: WG1926284-2								
Aluminum, Total	101		-		80-120	-		
Antimony, Total	100		-		80-120	-		
Arsenic, Total	94		-		80-120	-		
Barium, Total	101		-		80-120	-		
Beryllium, Total	101		-		80-120	-		
Cadmium, Total	99		-		80-120	-		
Calcium, Total	101		-		80-120	-		
Chromium, Total	101		-		80-120	-		
Cobalt, Total	100		-		80-120	-		
Copper, Total	102		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Potassium, Total	106		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	102		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	102		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05 Batch: WG1926284-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,05 Batch: WG1926287-2					
Mercury, Total	103	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06,09-11,14-16 Batch: WG1926333-2					
Aluminum, Total	110	-	80-120	-	
Antimony, Total	104	-	80-120	-	
Arsenic, Total	101	-	80-120	-	
Barium, Total	109	-	80-120	-	
Beryllium, Total	118	-	80-120	-	
Cadmium, Total	99	-	80-120	-	
Calcium, Total	110	-	80-120	-	
Chromium, Total	106	-	80-120	-	
Cobalt, Total	98	-	80-120	-	
Copper, Total	108	-	80-120	-	
Iron, Total	117	-	80-120	-	
Lead, Total	103	-	80-120	-	
Magnesium, Total	104	-	80-120	-	
Manganese, Total	107	-	80-120	-	
Nickel, Total	101	-	80-120	-	
Potassium, Total	110	-	80-120	-	
Selenium, Total	101	-	80-120	-	
Silver, Total	110	-	80-120	-	
Sodium, Total	114	-	80-120	-	
Thallium, Total	97	-	80-120	-	
Vanadium, Total	108	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06,09-11,14-16 Batch: WG1926333-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 06,09-11,14-16 Batch: WG1926335-2					
Mercury, Total	105	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12 Batch: WG1930226-2					
Aluminum, Total	98	-	80-120	-	
Antimony, Total	104	-	80-120	-	
Arsenic, Total	96	-	80-120	-	
Barium, Total	101	-	80-120	-	
Beryllium, Total	101	-	80-120	-	
Cadmium, Total	102	-	80-120	-	
Calcium, Total	104	-	80-120	-	
Chromium, Total	99	-	80-120	-	
Cobalt, Total	100	-	80-120	-	
Copper, Total	100	-	80-120	-	
Iron, Total	104	-	80-120	-	
Lead, Total	100	-	80-120	-	
Magnesium, Total	103	-	80-120	-	
Manganese, Total	102	-	80-120	-	
Nickel, Total	100	-	80-120	-	
Potassium, Total	106	-	80-120	-	
Selenium, Total	102	-	80-120	-	
Silver, Total	100	-	80-120	-	
Sodium, Total	107	-	80-120	-	
Thallium, Total	99	-	80-120	-	
Vanadium, Total	99	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12 Batch: WG1930226-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 12 Batch: WG1930228-2					
Mercury, Total	97	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05 QC Batch ID: WG1926284-3 QC Sample: L2427194-09 Client ID: MS Sample												
Aluminum, Total	16100	363	17800	**468**	Q	-	-		75-125	-		20
Antimony, Total	2.46J	90.7	78.3	86		-	-		75-125	-		20
Arsenic, Total	10.7	21.8	37.5	123		-	-		75-125	-		20
Barium, Total	144	363	567	116		-	-		75-125	-		20
Beryllium, Total	0.493J	9.07	9.14	101		-	-		75-125	-		20
Cadmium, Total	0.822J	9.61	9.24	96		-	-		75-125	-		20
Calcium, Total	23400	1810	12700	**0**	Q	-	-		75-125	-		20
Chromium, Total	32.5	36.3	74.4	115		-	-		75-125	-		20
Cobalt, Total	9.40	90.7	93.4	93		-	-		75-125	-		20
Copper, Total	83.0	45.4	212	**284**	Q	-	-		75-125	-		20
Iron, Total	26500	181	47400	**11500**	Q	-	-		75-125	-		20
Lead, Total	521	96.1	820	**311**	Q	-	-		75-125	-		20
Magnesium, Total	12400	1810	9070	**0**	Q	-	-		75-125	-		20
Manganese, Total	298	90.7	571	**301**	Q	-	-		75-125	-		20
Nickel, Total	26.3	90.7	119	102		-	-		75-125	-		20
Potassium, Total	2710	1810	5630	**161**	Q	-	-		75-125	-		20
Selenium, Total	0.470J	21.8	21.9	101		-	-		75-125	-		20
Silver, Total	ND	9.07	8.94	98		-	-		75-125	-		20
Sodium, Total	393	1810	2320	106		-	-		75-125	-		20
Thallium, Total	ND	21.8	20.4	94		-	-		75-125	-		20
Vanadium, Total	51.3	90.7	143	101		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05 QC Batch ID: WG1926284-3 QC Sample: L2427194-09 Client ID: MS Sample										
Zinc, Total	257	90.7	783	**580**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05 QC Batch ID: WG1926287-3 QC Sample: L2427194-09 Client ID: MS Sample										
Mercury, Total	1.09	3.78	5.10	106		-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06,09-11,14-16 QC Batch ID: WG1926333-3 QC Sample: L2428242-01 Client ID: MS Sample										
Aluminum, Total	4530	183	5170	**349**	Q	-	-	75-125	-	20
Antimony, Total	5.82J	45.8	48.1	105		-	-	75-125	-	20
Arsenic, Total	20.0	11	29.5	86		-	-	75-125	-	20
Barium, Total	151	183	292	77		-	-	75-125	-	20
Beryllium, Total	0.256J	4.58	4.86	106		-	-	75-125	-	20
Cadmium, Total	4.62	4.86	8.50	80		-	-	75-125	-	20
Calcium, Total	21900	917	25000	**338**	Q	-	-	75-125	-	20
Chromium, Total	20.4	18.3	34.1	75		-	-	75-125	-	20
Cobalt, Total	9.05	45.8	52.6	95		-	-	75-125	-	20
Copper, Total	103	22.9	106	**13**	Q	-	-	75-125	-	20
Iron, Total	75300	91.7	58500	**0**	Q	-	-	75-125	-	20
Lead, Total	554	48.6	569	**31**	Q	-	-	75-125	-	20
Magnesium, Total	2220	917	3250	112		-	-	75-125	-	20
Manganese, Total	1300	45.8	1170	**0**	Q	-	-	75-125	-	20
Nickel, Total	153	45.8	175	**48**	Q	-	-	75-125	-	20
Potassium, Total	599	917	1560	105		-	-	75-125	-	20
Selenium, Total	0.618J	11	10.8	98		-	-	75-125	-	20
Silver, Total	0.558J	4.58	5.17	113		-	-	75-125	-	20
Sodium, Total	240J	917	1200	**131**	Q	-	-	75-125	-	20
Thallium, Total	0.933J	11	9.27	84		-	-	75-125	-	20
Vanadium, Total	28.9	45.8	68.4	86		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06,09-11,14-16 QC Batch ID: WG1926333-3 QC Sample: L2428242-01 Client ID: MS Sample										
Zinc, Total	988	45.8	976	**0**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 06,09-11,14-16 QC Batch ID: WG1926335-3 QC Sample: L2428242-01 Client ID: MS Sample										
Mercury, Total	0.125	1.54	1.75	106		-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12 QC Batch ID: WG1930226-3 QC Sample: L2428227-12 Client ID: I8_2-4										
Aluminum, Total	6880	187	6960	**43**	Q	-	-	75-125	-	20
Antimony, Total	ND	46.8	42.2	90		-	-	75-125	-	20
Arsenic, Total	1.25	11.2	11.4	90		-	-	75-125	-	20
Barium, Total	62.7	187	236	92		-	-	75-125	-	20
Beryllium, Total	0.251J	4.68	4.78	102		-	-	75-125	-	20
Cadmium, Total	0.120J	4.96	4.87	98		-	-	75-125	-	20
Calcium, Total	1570	937	2310	79		-	-	75-125	-	20
Chromium, Total	17.1	18.7	34.8	94		-	-	75-125	-	20
Cobalt, Total	5.28	46.8	49.6	95		-	-	75-125	-	20
Copper, Total	9.55	23.4	32.6	98		-	-	75-125	-	20
Iron, Total	9700	93.7	10800	**1170**	Q	-	-	75-125	-	20
Lead, Total	3.09J	49.6	49.8	100		-	-	75-125	-	20
Magnesium, Total	5510	937	5700	**20**	Q	-	-	75-125	-	20
Manganese, Total	92.9	46.8	148	118		-	-	75-125	-	20
Nickel, Total	11.3	46.8	55.4	94		-	-	75-125	-	20
Potassium, Total	1020	937	1840	88		-	-	75-125	-	20
Selenium, Total	ND	11.2	10.1	90		-	-	75-125	-	20
Silver, Total	ND	4.68	4.71	100		-	-	75-125	-	20
Sodium, Total	35.9J	937	1040	111		-	-	75-125	-	20
Thallium, Total	0.388J	11.2	10.8	96		-	-	75-125	-	20
Vanadium, Total	16.6	46.8	61.9	97		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12 QC Batch ID: WG1930226-3 QC Sample: L2428227-12 Client ID: I8_2-4									
Zinc, Total	31.9	46.8	78.2	99	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 12 QC Batch ID: WG1930228-3 QC Sample: L2428227-12 Client ID: I8_2-4									
Mercury, Total	ND	1.57	1.56	100	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05 QC Batch ID: WG1926284-4 QC Sample: L2427194-09 Client ID: DUP Sample						
Lead, Total	521	577	mg/kg	10		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05 QC Batch ID: WG1926287-4 QC Sample: L2427194-09 Client ID: DUP Sample						
Mercury, Total	1.09	2.42	mg/kg	**76**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 06,09-11,14-16 QC Batch ID: WG1926333-4 QC Sample: L2428242-01 Client ID: DUP Sample						
Arsenic, Total	20.0	15.3	mg/kg	**27**	Q	20
Barium, Total	151	71.4	mg/kg	**72**	Q	20
Beryllium, Total	0.256J	0.240J	mg/kg	NC		20
Cadmium, Total	4.62	3.21	mg/kg	**36**	Q	20
Chromium, Total	20.4	14.6	mg/kg	**33**	Q	20
Copper, Total	103	78.0	mg/kg	**28**	Q	20
Lead, Total	554	366	mg/kg	**41**	Q	20
Manganese, Total	1300	961	mg/kg	**30**	Q	20
Nickel, Total	153	103	mg/kg	**39**	Q	20
Selenium, Total	0.618J	0.946J	mg/kg	NC		20
Silver, Total	0.558J	ND	mg/kg	NC		20
Zinc, Total	988	678	mg/kg	**37**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 06,09-11,14-16 QC Batch ID: WG1926335-4 QC Sample: L2428242-01 Client ID: DUP Sample						
Mercury, Total	0.125	0.106	mg/kg	16		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12 QC Batch ID: WG1930226-4 QC Sample: L2428227-12 Client ID: I8_2-4						
Aluminum, Total	6880	7830	mg/kg	13		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.25	1.39	mg/kg	11		20
Barium, Total	62.7	60.1	mg/kg	4		20
Beryllium, Total	0.251J	0.282J	mg/kg	NC		20
Cadmium, Total	0.120J	ND	mg/kg	NC		20
Calcium, Total	1570	1400	mg/kg	11		20
Chromium, Total	17.1	16.8	mg/kg	2		20
Cobalt, Total	5.28	5.69	mg/kg	7		20
Copper, Total	9.55	10.6	mg/kg	10		20
Iron, Total	9700	11100	mg/kg	13		20
Lead, Total	3.09J	3.89J	mg/kg	NC		20
Magnesium, Total	5510	6020	mg/kg	9		20
Manganese, Total	92.9	98.3	mg/kg	6		20
Nickel, Total	11.3	11.8	mg/kg	4		20
Potassium, Total	1020	792	mg/kg	**25**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	35.9J	33.2J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12 QC Batch ID: WG1930226-4 QC Sample: L2428227-12 Client ID: I8_2-4					
Thallium, Total	0.388J	0.520J	mg/kg	NC	20
Vanadium, Total	16.6	19.8	mg/kg	18	20
Zinc, Total	31.9	33.9	mg/kg	6	20
Total Metals - Mansfield Lab Associated sample(s): 12 QC Batch ID: WG1930228-4 QC Sample: L2428227-12 Client ID: I8_2-4					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2428227
Report Date: 06/10/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05 QC Batch ID: WG1926284-6 QC Sample: L2427194-09 Client ID: DUP Sample						
Lead, Total	521	546	mg/kg	5		20
Total Metals - Mansfield Lab Associated sample(s): 06,09-11,14-16 QC Batch ID: WG1926333-6 QC Sample: L2428242-01 Client ID: DUP Sample						
Barium, Total	151	152	mg/kg	1		20
Copper, Total	103	102	mg/kg	1		20
Lead, Total	554	544	mg/kg	2		20
Manganese, Total	1300	1330	mg/kg	2		20
Nickel, Total	153	142	mg/kg	7		20
Zinc, Total	988	975	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-01
Client ID: G5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/21/24 09:40
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.9		%	0.100	NA	1	-	05/22/24 13:13	121,2540G	ROI
Chromium, Hexavalent	0.434	J	mg/kg	0.965	0.193	1	05/28/24 14:36	05/29/24 12:46	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-02
Client ID: G5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 09:45
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.7		%	0.100	NA	1	-	05/22/24 13:13	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	05/28/24 13:15	05/28/24 16:26	1,9010C/9012B	JER
Chromium, Hexavalent	0.254	J	mg/kg	1.02	0.203	1	05/28/24 14:36	05/29/24 12:46	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-05
Client ID: E5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 11:05
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.5		%	0.100	NA	1	-	05/22/24 13:13	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.13	0.227	1	05/28/24 14:36	05/29/24 12:46	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-06
Client ID: E5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 11:10
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	05/22/24 13:13	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	05/28/24 13:15	05/28/24 16:52	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.984	0.197	1	05/28/24 14:36	05/29/24 12:46	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-09
Client ID: G5_13-15
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 11:55
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.2		%	0.100	NA	1	-	05/22/24 13:13	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	05/28/24 13:15	05/28/24 16:57	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.877	0.175	1	05/28/24 14:36	05/29/24 12:46	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-10
Client ID: I8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 13:45
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	05/22/24 13:13	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.870	0.174	1	05/28/24 14:36	05/29/24 12:46	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-11
Client ID: I8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 13:50
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	05/22/24 13:13	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	05/28/24 19:40	05/29/24 12:16	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.941	0.188	1	05/28/24 14:36	05/29/24 12:46	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-12
Client ID: I8_2-4
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 13:55
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	05/31/24 16:38	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-14
Client ID: I8_6-8
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/21/24 14:05
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.3		%	0.100	NA	1	-	05/22/24 13:13	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	05/28/24 13:15	05/28/24 16:36	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.01	0.202	1	05/28/24 14:36	05/29/24 12:46	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-15
Client ID: I1_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 14:40
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.7		%	0.100	NA	1	-	05/22/24 13:13	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.13	0.226	1	05/28/24 14:36	05/29/24 12:46	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-16
Client ID: I1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 14:45
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	05/22/24 13:13	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	05/28/24 13:15	05/28/24 16:39	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.970	0.194	1	05/28/24 14:36	05/29/24 12:46	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2428227-17
Client ID: I1_2-4
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/21/24 14:50
Date Received: 05/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	05/31/24 16:38	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428227
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG1926404-1										
Cyanide, Total	ND		mg/kg	0.86	0.18	1	05/28/24 13:15	05/28/24 16:04	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 14,16 Batch: WG1926405-1										
Cyanide, Total	ND		mg/kg	0.86	0.18	1	05/28/24 13:15	05/28/24 16:04	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 06,09 Batch: WG1926415-1										
Cyanide, Total	ND		mg/kg	0.96	0.20	1	05/28/24 13:15	05/28/24 16:48	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-02,05-06,09-11,14-16 Batch: WG1926520-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	05/28/24 14:36	05/29/24 12:46	1,7196A	DTH
General Chemistry - Westborough Lab for sample(s): 11 Batch: WG1926676-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	05/28/24 19:40	05/29/24 11:50	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG1926404-2 WG1926404-3								
Cyanide, Total	108		105		80-120	3		35
General Chemistry - Westborough Lab Associated sample(s): 14,16 Batch: WG1926405-2 WG1926405-3								
Cyanide, Total	108		105		80-120	3		35
General Chemistry - Westborough Lab Associated sample(s): 06,09 Batch: WG1926415-2 WG1926415-3								
Cyanide, Total	83		99		80-120	18		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-11,14-16 Batch: WG1926520-2								
Chromium, Hexavalent	82		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 11 Batch: WG1926676-2 WG1926676-3								
Cyanide, Total	90		103		80-120	23		35

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1926404-4 WG1926404-5 QC Sample: L2427945-02 Client ID: MS Sample												
Cyanide, Total	ND	10	11	110		11	110		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 14,16 QC Batch ID: WG1926405-4 WG1926405-5 QC Sample: L2428227-14 Client ID: I8_6-8												
Cyanide, Total	ND	12	12	100		13	110		75-125	10		35
General Chemistry - Westborough Lab Associated sample(s): 06,09 QC Batch ID: WG1926415-4 WG1926415-5 QC Sample: L2428227-06 Client ID: E5_0.2-2												
Cyanide, Total	ND	12	13	110		13	110		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-11,14-16 QC Batch ID: WG1926520-4 QC Sample: L2428227-05 Client ID: E5_0-0.2												
Chromium, Hexavalent	ND	2080	1830	88		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 11 QC Batch ID: WG1926676-4 WG1926676-5 QC Sample: L2428242-07 Client ID: MS Sample												
Cyanide, Total	ND	9.9	9.2	93		11	100		75-125	18		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428227

Report Date: 06/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-11,14-16 QC Batch ID: WG1924484-1 QC Sample: L2428076-01 Client ID: DUP Sample						
Solids, Total	78.9	78.9	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-11,14-16 QC Batch ID: WG1926520-6 QC Sample: L2428227-05 Client ID: E5_0-0.2						
Chromium, Hexavalent	ND	0.738J	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 12,17 QC Batch ID: WG1928269-1 QC Sample: L2428227-12 Client ID: I8_2-4						
Solids, Total	83.8	84.8	%	1		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428227-01A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2428227-01B	Glass 120ml/4oz unpreserved	B	NA		4.8	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2428227-01C	Glass 500ml/16oz unpreserved	B	NA		4.8	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2428227-02A	5 gram Encore Sampler	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-02B	5 gram Encore Sampler	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-02C	5 gram Encore Sampler	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-02D	Plastic 2oz unpreserved for TS	B	NA		4.8	Y	Absent		TS(7)
L2428227-02E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2428227-02F	Glass 120ml/4oz unpreserved	B	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428227-02G	Glass 500ml/16oz unpreserved	B	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428227-02X	Vial MeOH preserved split	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-02Y	Vial Water preserved split	B	NA		4.8	Y	Absent	23-MAY-24 06:45	NYTCL-8260HLW(14)
L2428227-02Z	Vial Water preserved split	B	NA		4.8	Y	Absent	23-MAY-24 06:45	NYTCL-8260HLW(14)
L2428227-03A	Glass 60mL/2oz unpreserved	B	NA		4.8	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428227-03B	Glass 120ml/4oz unpreserved	B	NA		4.8	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428227-03C	Glass 500ml/16oz unpreserved	B	NA		4.8	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428227-04A	Glass 60mL/2oz unpreserved	B	NA		4.8	Y	Absent		HOLD-METAL(180)
L2428227-04B	Glass 120ml/4oz unpreserved	B	NA		4.8	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428227-04C	Glass 500ml/16oz unpreserved	B	NA		4.8	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428227-05A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2428227-05B	Glass 120ml/4oz unpreserved	C	NA		2.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2428227-05C	Glass 500ml/16oz unpreserved	C	NA		2.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2428227-06A	5 gram Encore Sampler	C	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2428227-06B	5 gram Encore Sampler	C	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2428227-06C	5 gram Encore Sampler	C	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2428227-06D	Plastic 2oz unpreserved for TS	C	NA		2.4	Y	Absent		TS(7)
L2428227-06E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2428227-06F	Glass 120ml/4oz unpreserved	C	NA		2.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428227-06G	Glass 500ml/16oz unpreserved	C	NA		2.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428227-06X	Vial MeOH preserved split	C	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2428227-06Y	Vial Water preserved split	C	NA		2.4	Y	Absent	23-MAY-24 06:45	NYTCL-8260HLW(14)
L2428227-06Z	Vial Water preserved split	C	NA		2.4	Y	Absent	23-MAY-24 06:45	NYTCL-8260HLW(14)
L2428227-07A	Glass 60mL/2oz unpreserved	C	NA		2.4	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428227-07B	Glass 120ml/4oz unpreserved	C	NA		2.4	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428227-07C	Glass 500ml/16oz unpreserved	C	NA		2.4	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428227-08A	Glass 60mL/2oz unpreserved	C	NA		2.4	Y	Absent		HOLD-METAL(180)
L2428227-08B	Glass 120ml/4oz unpreserved	C	NA		2.4	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428227-08C	Glass 500ml/16oz unpreserved	C	NA		2.4	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428227-09A	5 gram Encore Sampler	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-09B	5 gram Encore Sampler	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-09C	5 gram Encore Sampler	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-09D	Plastic 2oz unpreserved for TS	B	NA		4.8	Y	Absent		TS(7)
L2428227-09E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.8	Y	Absent		AG-TI(180),HG-T(28)
L2428227-09F	Glass 120ml/4oz unpreserved	B	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428227-09G	Glass 500ml/16oz unpreserved	B	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428227-09X	Vial MeOH preserved split	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-09Y	Vial Water preserved split	B	NA		4.8	Y	Absent	23-MAY-24 06:45	NYTCL-8260HLW(14)
L2428227-09Z	Vial Water preserved split	B	NA		4.8	Y	Absent	23-MAY-24 06:45	NYTCL-8260HLW(14)
L2428227-10A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2428227-10B	Glass 120ml/4oz unpreserved	C	NA		2.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2428227-10C	Glass 500ml/16oz unpreserved	C	NA		2.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2428227-11A	5 gram Encore Sampler	C	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2428227-11B	5 gram Encore Sampler	C	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2428227-11C	5 gram Encore Sampler	C	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2428227-11D	Plastic 2oz unpreserved for TS	C	NA		2.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428227-11E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2428227-11F	Glass 120ml/4oz unpreserved	C	NA		2.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428227-11G	Glass 500ml/16oz unpreserved	C	NA		2.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428227-11X	Vial MeOH preserved split	C	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2428227-11Y	Vial Water preserved split	C	NA		2.4	Y	Absent	23-MAY-24 06:45	NYTCL-8260HLW(14)
L2428227-11Z	Vial Water preserved split	C	NA		2.4	Y	Absent	23-MAY-24 06:45	NYTCL-8260HLW(14)
L2428227-12A	Glass 60mL/2oz unpreserved	B	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2428227-12B	Glass 120ml/4oz unpreserved	B	NA		4.8	Y	Absent		HOLD-WETCHEM(),TS(7),NYTCL-8081(14),HOLD-8082(14)
L2428227-12C	Glass 500ml/16oz unpreserved	B	NA		4.8	Y	Absent		HOLD-WETCHEM(),TS(7),NYTCL-8081(14),HOLD-8082(14)
L2428227-13A	Glass 60mL/2oz unpreserved	C	NA		2.4	Y	Absent		HOLD-METAL(180)
L2428227-13B	Glass 120ml/4oz unpreserved	C	NA		2.4	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428227-13C	Glass 500ml/16oz unpreserved	C	NA		2.4	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428227-14A	5 gram Encore Sampler	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-14B	5 gram Encore Sampler	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-14C	5 gram Encore Sampler	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-14D	Plastic 2oz unpreserved for TS	B	NA		4.8	Y	Absent		TS(7)
L2428227-14E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428227-14F	Glass 120ml/4oz unpreserved	B	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428227-14G	Glass 500ml/16oz unpreserved	B	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428227-14X	Vial MeOH preserved split	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-14Y	Vial Water preserved split	B	NA		4.8	Y	Absent	23-MAY-24 06:45	NYTCL-8260HLW(14)
L2428227-14Z	Vial Water preserved split	B	NA		4.8	Y	Absent	23-MAY-24 06:45	NYTCL-8260HLW(14)
L2428227-15A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2428227-15B	Glass 120ml/4oz unpreserved	C	NA		2.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2428227-15C	Glass 500ml/16oz unpreserved	C	NA		2.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2428227-16A	5 gram Encore Sampler	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-16B	5 gram Encore Sampler	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-16C	5 gram Encore Sampler	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-16D	Plastic 2oz unpreserved for TS	B	NA		4.8	Y	Absent		TS(7)
L2428227-16E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2428227-16F	Glass 120ml/4oz unpreserved	B	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428227-16G	Glass 500ml/16oz unpreserved	B	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428227-16X	Vial MeOH preserved split	B	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2428227-16Y	Vial Water preserved split	B	NA		4.8	Y	Absent	23-MAY-24 06:45	NYTCL-8260HLW(14)
L2428227-16Z	Vial Water preserved split	B	NA		4.8	Y	Absent	23-MAY-24 06:45	NYTCL-8260HLW(14)
L2428227-17A	Glass 60mL/2oz unpreserved	C	NA		2.4	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428227
Report Date: 06/10/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428227-17B	Glass 120ml/4oz unpreserved	C	NA		2.4	Y	Absent		HOLD-WETCHEM(),TS(7),NYTCL-8081(14),HOLD-8082(14)
L2428227-17C	Glass 500ml/16oz unpreserved	C	NA		2.4	Y	Absent		HOLD-WETCHEM(),TS(7),NYTCL-8081(14),HOLD-8082(14)
L2428227-18A	Glass 60mL/2oz unpreserved	B	NA		4.8	Y	Absent		HOLD-METAL(180)
L2428227-18B	Glass 120ml/4oz unpreserved	B	NA		4.8	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428227-18C	Glass 500ml/16oz unpreserved	B	NA		4.8	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428227-19A	Vial HCl preserved	C	NA		2.4	Y	Absent		NYTCL-8260(14)
L2428227-19B	Vial HCl preserved	C	NA		2.4	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428227
Project Number:	3858.0004Y000	**Report Date:**	06/10/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428227
Project Number:	3858.0004Y000	**Report Date:**	06/10/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428227
Project Number:	3858.0004Y000	**Report Date:**	06/10/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428227
Project Number:	3858.0004Y000	**Report Date:**	06/10/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 5/21/24

ALPHA Job #: L2428227

Client Information
Client: BOX
Address: 209 SHAFTER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax:
Email: BLOMBINO@BOXINC.COM

Project Information
Project Name: ELMWOOD PRESERVE
Project Location: 850 DOBBS FERRY ROAD
Project #: 3858.0004Y000
(Use Project name as Project #)
Project Manager: RON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time
Standard [X] Due Date: STANDARD
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information
[X] Same as Client Info
PO #

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 + 10 TICs TCL VOCs - 8260D	Part 375 + 10 TICs NYTCL SVOCs - 8270E	TCL Herbs Part 375 TCL Organics - 8151A	Part 375 TAL Metals - 6020 Hg - 7196 Cr VI	Total Cyanide - 9014	Part 375 TCL PCBs - 8082A			Sample Specific Comments	Total Bottle
28227 -01	GS-0-0.2	5/21/24	0940	S	EL			X	X						3
-02	GS-0.2-2	"	0945	S	EL	X	X	X	X	X	X				7
-03	GS-2-4	"	0947	S	EL			X	X					* HOLD	3
-04	GS-4-6	"	0950	S	EL			X	X					* HOLD	3
-05	ES-0-0.2	"	1105	S	EL			X	X						3
-06	ES-0.2-2	"	1110	S	EL	X	X	X	X	X	X				7
-07	ES-2-4	"	1115	S	EL			X	X					* HOLD	3
-08	ES-4-6	"	1120	S	EL			X	X					* HOLD	3
-09	GS-13-15	"	1155	S	EL	X	X	X	X	X	X				7
-10	IB-0-0.2	"	1345	S	EL			X	X						3

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 5/21/24

ALPHA Job #: L2428227

Client Information

Client: Roux
Address: 209 SHAPER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax:
Email: RLOMBINO@ROUXINC.COM

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 850 DOBBS FERRY ROAD
Project # 38CB.0004Y000
(Use Project name as Project #)
Project Manager: RON LOMBINO
ALPHAQuote #: [redacted] 27525

Turn-Around Time

Standard [X] Due Date: STANDARD
Rush (only if pre approved) [ ] # of Days:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement

[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information

[X] Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PART 375 + TOTALS TCL VOCS - 8260D	PART 375 + TOTALS NYTCL-SVOCS 8270E	PART 375 TCL PEST-8081, EPA	PART 375 TCL METALS - 6010D/7471	TOTAL CYANIDE - SM4500	PART 375 TCL PFAS - 8327A			Sample Specific Comments	Total Bottle
28227 -11	IB-0.2-2	5/21/24	1350	S	EL	X	X	X	X	X	X				7
-12	IB-2-4	"	1355	S	EL			X	X					*HOLD	3
-13	IB-4-6	"	1400	S	EL			X	X					*HOLD	3
-14	IB-6-8	"	1405	S	EL	X	X	X	X	X	X				7
-15	I1-0-0.2	"	1440	S	EL			X	X						3
-16	I1-0.2-2	"	1445	S	EL	X	X	X	X	X	X				7
-17	I1-2-4	"	1450	S	EL			X	X					*HOLD	3
-18	I1-4-6	"	1455	S	EL			X	X					*HOLD	3
-19	TB-05212024	5/20/24	—	W	EL	X									2
Container Type						E	A	A	A	A	A	A			
Preservative						A	A	A	A	A	A				

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/21/24 1530	(PACE)	5/21/24 1546
	5/21/24 1636		5/21/24 1643
	5/21/24		5/21/24 2120
	5/21/24 2335		5/21/24 2335

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2428534
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	05/31/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2428534-01	G12_0-0.2	SOIL	850 DOBBS FERRY ROAD	05/22/24 09:35	05/22/24
L2428534-02	G12_0.2-2	SOIL	850 DOBBS FERRY ROAD	05/22/24 09:45	05/22/24
L2428534-03	G12_2-4	SOIL	850 DOBBS FERRY ROAD	05/22/24 09:50	05/22/24
L2428534-04	G12_4-6	SOIL	850 DOBBS FERRY ROAD	05/22/24 09:55	05/22/24
L2428534-05	FB-05222024	FIELD BLANK	850 DOBBS FERRY ROAD	05/22/24 10:00	05/22/24
L2428534-06	G12_9-11	SOIL	850 DOBBS FERRY ROAD	05/22/24 10:05	05/22/24
L2428534-07	I15_0-0.2	SOIL	850 DOBBS FERRY ROAD	05/22/24 11:45	05/22/24
L2428534-08	I15_0.2-2	SOIL	850 DOBBS FERRY ROAD	05/22/24 11:50	05/22/24
L2428534-09	I15_2-4	SOIL	850 DOBBS FERRY ROAD	05/22/24 15:00	05/22/24
L2428534-10	I15_4-6	SOIL	850 DOBBS FERRY ROAD	05/22/24 15:05	05/22/24
L2428534-11	DUP-05222024	SOIL	850 DOBBS FERRY ROAD	05/22/24 12:00	05/22/24
L2428534-12	I15_6-8	SOIL	850 DOBBS FERRY ROAD	05/22/24 15:10	05/22/24
L2428534-13	A4_0-0.2	SOIL	850 DOBBS FERRY ROAD	05/22/24 15:15	05/22/24
L2428534-14	A4_0.2-2	SOIL	850 DOBBS FERRY ROAD	05/22/24 15:20	05/22/24
L2428534-15	A4_2-4	SOIL	850 DOBBS FERRY ROAD	05/22/24 15:25	05/22/24
L2428534-16	A4_4-6	SOIL	850 DOBBS FERRY ROAD	05/22/24 15:30	05/22/24
L2428534-17	TB-05222024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD	05/20/24 00:00	05/22/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428534
Project Number:	3858.0004Y000	**Report Date:**	05/31/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428534
Project Number:	3858.0004Y000	**Report Date:**	05/31/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2428534-05: Sample containers for 1,4 Dioxane via EPA 8270E-SIM were received, but were not listed on the chain of custody. At the client's request, the analysis was performed.

Volatile Organics

The WG1927044-5 Method Blank, associated with L2428534-06 and -08, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Semivolatile Organics

The WG1926295-2 LCS recovery, associated with L2428534-05, is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Pesticides

The WG1925833-5 MSD recovery, performed on L2428534-01, is outside the acceptance criteria for heptachlor epoxide (0%). The unacceptable percent recovery is attributed to the elevated concentrations of target compounds present in the native sample.

The WG1925833-5D MSD recovery, performed on L2428534-01, is outside the acceptance criteria for dieldrin (0%). The unacceptable percent recovery is attributed to the elevated concentrations of target compounds present in the native sample.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428534
Project Number:	3858.0004Y000	**Report Date:**	05/31/24

Case Narrative (continued)

Total Metals

L2428534-01, -02, -06 through -08 and -11 through -13: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1926606-3/-4 MS/MSD recoveries for aluminum (148%/37%), arsenic (MSD 0%), chromium (MSD 27%), iron (422%/0%), and manganese (MSD 57%), performed on L2428534-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1926606-4 MSD recovery, performed on L2428534-01, is outside the acceptance criteria for lead (74%). A post digestion spike was performed and was within acceptance criteria.

The WG1926614-3/-4 MS/MSD recoveries, performed on L2428534-01, are outside the acceptance criteria for mercury (124%/75%). A post digestion spike was performed and was within acceptance criteria.

The WG1926614-3/-4 MS/MSD RPD for mercury (22%), performed on L2428534-01, is above the acceptance criteria.

Hexavalent Chromium

The WG1927993-4/-5 MS/MSD RPD for chromium, hexavalent (21%), performed on L2428534-01, is above the acceptance criteria.

The WG1927993-6 Soluble MS recovery for chromium, hexavalent (61%), performed on L2428534-01, was outside the acceptance criteria. This has been attributed to matrix interference. A post-spike was performed with a recovery of 91%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 05/31/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-02
Client ID: G12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/22/24 09:45
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/28/24 19:22
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-02 Date Collected: 05/22/24 09:45

Client ID: G12_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-02 Date Collected: 05/22/24 09:45

Client ID: G12_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	2.12	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	2.12	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	106		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-05
Client ID: FB-05222024
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/22/24 10:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8260D
Analytical Date: 05/28/24 12:36
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-05 Date Collected: 05/22/24 10:00

Client ID: FB-05222024 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-05 Date Collected: 05/22/24 10:00

Client ID: FB-05222024 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	100		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-06
Client ID: G12_9-11
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/22/24 10:05
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/25/24 19:30
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.16	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	0.68	J	ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-06 Date Collected: 05/22/24 10:05

Client ID: G12_9-11 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	16		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	3.4	J	ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-06 Date Collected: 05/22/24 10:05

Client ID: G12_9-11 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	74	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1
Tentatively Identified Compounds						
Total TIC Compounds	19.4	J	ug/kg			1
Propene	6.32	NJ	ug/kg			1
Unknown	2.25	J	ug/kg			1
Unknown	4.22	J	ug/kg			1
Unknown	6.63	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-08
Client ID: I15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/22/24 11:50
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/25/24 19:57
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	0.88	J	ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-08 Date Collected: 05/22/24 11:50

Client ID: I15_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	6.5	J	ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.6	0.76	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-08 Date Collected: 05/22/24 11:50

Client ID: I15_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	93	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1
Tentatively Identified Compounds						
Total TIC Compounds	14.4	J	ug/kg			1
Unknown	8.81	J	ug/kg			1
Santolina triene	5.63	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-11
Client ID: DUP-05222024
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/22/24 12:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/26/24 22:34
Analyst: JIC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.6	3.9	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.25	1
Chloroform	ND		ug/kg	2.6	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.40	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.46	1
Tetrachloroethene	ND		ug/kg	0.86	0.34	1
Chlorobenzene	ND		ug/kg	0.86	0.22	1
Trichlorofluoromethane	ND		ug/kg	6.9	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.44	1
1,1,1-Trichloroethane	ND		ug/kg	0.86	0.29	1
Bromodichloromethane	ND		ug/kg	0.86	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.47	1
cis-1,3-Dichloropropene	ND		ug/kg	0.86	0.27	1
1,3-Dichloropropene, Total	ND		ug/kg	0.86	0.27	1
1,1-Dichloropropene	ND		ug/kg	0.86	0.27	1
Bromoform	ND		ug/kg	6.9	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.86	0.28	1
Benzene	ND		ug/kg	0.86	0.28	1
Toluene	1.0	J	ug/kg	1.7	0.93	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.9	1.6	1
Bromomethane	ND		ug/kg	3.4	1.0	1
Vinyl chloride	ND		ug/kg	1.7	0.58	1
Chloroethane	ND		ug/kg	3.4	0.78	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.41	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.24	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-11 Date Collected: 05/22/24 12:00

Client ID: DUP-05222024 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.86	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.29	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.34	1
p/m-Xylene	ND		ug/kg	3.4	0.96	1
o-Xylene	ND		ug/kg	1.7	0.50	1
Xylenes, Total	ND		ug/kg	1.7	0.50	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.24	1
Dibromomethane	ND		ug/kg	3.4	0.41	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	17	1.6	1
Acetone	ND		ug/kg	17	8.3	1
Carbon disulfide	ND		ug/kg	17	7.8	1
2-Butanone	ND		ug/kg	17	3.8	1
Vinyl acetate	ND		ug/kg	17	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	3.4	0.22	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.35	1
2,2-Dichloropropane	ND		ug/kg	3.4	0.35	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.48	1
1,3-Dichloropropane	ND		ug/kg	3.4	0.29	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.86	0.23	1
Bromobenzene	ND		ug/kg	3.4	0.25	1
n-Butylbenzene	0.41	J	ug/kg	1.7	0.29	1
sec-Butylbenzene	ND		ug/kg	1.7	0.25	1
tert-Butylbenzene	ND		ug/kg	3.4	0.20	1
o-Chlorotoluene	ND		ug/kg	3.4	0.33	1
p-Chlorotoluene	ND		ug/kg	3.4	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	1.7	1
Hexachlorobutadiene	ND		ug/kg	6.9	0.29	1
Isopropylbenzene	ND		ug/kg	1.7	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.19	1
Naphthalene	ND		ug/kg	6.9	1.1	1
Acrylonitrile	ND		ug/kg	6.9	2.0	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-11 Date Collected: 05/22/24 12:00

Client ID: DUP-05222024 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.52	J	ug/kg	1.7	0.29	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.55	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.47	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.4	0.33	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.4	0.57	1
1,4-Dioxane	ND		ug/kg	140	60.	1
p-Diethylbenzene	ND		ug/kg	3.4	0.30	1
p-Ethyltoluene	ND		ug/kg	3.4	0.66	1
1,2,4,5-Tetramethylbenzene	0.44	J	ug/kg	3.4	0.33	1
Ethyl ether	ND		ug/kg	3.4	0.59	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.6	2.4	1
Tentatively Identified Compounds						
Total TIC Compounds	13.8	J	ug/kg			1
Unknown	8.06	J	ug/kg			1
Unknown	5.78	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	93		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-12
Client ID: I15_6-8
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/22/24 15:10
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/26/24 22:55
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	0.59	J	ug/kg	0.91	0.50	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.31	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-12 Date Collected: 05/22/24 15:10

Client ID: I15_6-8 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.27	1
Xylenes, Total	ND		ug/kg	0.91	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.84	1
Acetone	ND		ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.2	1
2-Butanone	ND		ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-12 Date Collected: 05/22/24 15:10

Client ID: I15_6-8 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.91	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1
Tentatively Identified Compounds						
Total TIC Compounds	4.18	J	ug/kg			1
Unknown	4.18	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	90		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-14
Client ID: A4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/22/24 15:20
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/26/24 23:16
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.27	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.95	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.23	1
Benzene	ND		ug/kg	0.68	0.23	1
Toluene	0.76	J	ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.7	0.80	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.7	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.19	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-14 Date Collected: 05/22/24 15:20

Client ID: A4_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.28	1
p/m-Xylene	ND		ug/kg	2.7	0.77	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.5	0.89	1
Acrylonitrile	ND		ug/kg	5.5	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-14 Date Collected: 05/22/24 15:20

Client ID: A4_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.46	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1
Tentatively Identified Compounds						
Total TIC Compounds	9.48	J	ug/kg			1
Unknown	6.60	J	ug/kg			1
Unknown	2.88	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-17
Client ID: TB-05222024
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 00:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 05/28/24 13:00
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-17 Date Collected: 05/20/24 00:00

Client ID: TB-05222024 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-17 Date Collected: 05/20/24 00:00

Client ID: TB-05222024 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/26/24 15:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11-12,14 Batch: WG1926357-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.73	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/26/24 15:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11-12,14 Batch: WG1926357-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/26/24 15:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11-12,14 Batch: WG1926357-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	10.4	J	ug/kg
Unknown	2.57	J	ug/kg
Unknown	7.80	J	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/26/24 15:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11-12,14 Batch: WG1926357-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**136**	Q	70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	121		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 14:11
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1926951-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 14:11
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1926951-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 14:11
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1926951-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	10.6	J	ug/kg
Unknown	2.31	J	ug/kg
Unknown	2.61	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	5.65	NJ	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 14:11
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1926951-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/25/24 10:53
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08 Batch: WG1927044-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.14	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.1		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/25/24 10:53
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08 Batch: WG1927044-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/25/24 10:53
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08 Batch: WG1927044-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	6.48	J	ug/kg
Unknown	6.48	J	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/25/24 10:53
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08 Batch: WG1927044-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 09:48
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05,17 Batch: WG1927113-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 09:48
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05,17 Batch: WG1927113-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 09:48
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05,17 Batch: WG1927113-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 09:48
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05,17 Batch: WG1927113-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11-12,14 Batch: WG1926357-3 WG1926357-4								
Methylene chloride	87		90		70-130	3		30
1,1-Dichloroethane	119		119		70-130	0		30
Chloroform	107		110		70-130	3		30
Carbon tetrachloride	95		93		70-130	2		30
1,2-Dichloropropane	116		122		70-130	5		30
Dibromochloromethane	100		100		70-130	0		30
1,1,2-Trichloroethane	105		104		70-130	1		30
Tetrachloroethene	107		105		70-130	2		30
Chlorobenzene	106		104		70-130	2		30
Trichlorofluoromethane	103		100		70-139	3		30
1,2-Dichloroethane	108		112		70-130	4		30
1,1,1-Trichloroethane	108		110		70-130	2		30
Bromodichloromethane	102		107		70-130	5		30
trans-1,3-Dichloropropene	108		109		70-130	1		30
cis-1,3-Dichloropropene	108		112		70-130	4		30
1,1-Dichloropropene	104		102		70-130	2		30
Bromoform	88		89		70-130	1		30
1,1,2,2-Tetrachloroethane	91		92		70-130	1		30
Benzene	113		114		70-130	1		30
Toluene	107		103		70-130	4		30
Ethylbenzene	105		102		70-130	3		30
Chloromethane	**140**	Q	130		52-130	7		30
Bromomethane	88		82		57-147	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11-12,14 Batch: WG1926357-3 WG1926357-4								
Vinyl chloride	120		112		67-130	7		30
Chloroethane	84		80		50-151	5		30
1,1-Dichloroethene	94		91		65-135	3		30
trans-1,2-Dichloroethene	89		90		70-130	1		30
Trichloroethene	113		116		70-130	3		30
1,2-Dichlorobenzene	102		102		70-130	0		30
1,3-Dichlorobenzene	105		105		70-130	0		30
1,4-Dichlorobenzene	104		105		70-130	1		30
Methyl tert butyl ether	82		84		66-130	2		30
p/m-Xylene	112		109		70-130	3		30
o-Xylene	109		107		70-130	2		30
cis-1,2-Dichloroethene	98		102		70-130	4		30
Dibromomethane	110		112		70-130	2		30
Styrene	117		115		70-130	2		30
Dichlorodifluoromethane	142		134		30-146	6		30
Acetone	84		80		54-140	5		30
Carbon disulfide	99		95		59-130	4		30
2-Butanone	93		97		70-130	4		30
Vinyl acetate	119		129		70-130	8		30
4-Methyl-2-pentanone	87		95		70-130	9		30
1,2,3-Trichloropropane	87		92		68-130	6		30
2-Hexanone	88		93		70-130	6		30
Bromochloromethane	107		108		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11-12,14 Batch: WG1926357-3 WG1926357-4								
2,2-Dichloropropane	120		118		70-130	2		30
1,2-Dibromoethane	102		102		70-130	0		30
1,3-Dichloropropane	106		109		69-130	3		30
1,1,1,2-Tetrachloroethane	102		98		70-130	4		30
Bromobenzene	99		100		70-130	1		30
n-Butylbenzene	107		103		70-130	4		30
sec-Butylbenzene	102		99		70-130	3		30
tert-Butylbenzene	98		95		70-130	3		30
o-Chlorotoluene	118		116		70-130	2		30
p-Chlorotoluene	104		103		70-130	1		30
1,2-Dibromo-3-chloropropane	78		83		68-130	6		30
Hexachlorobutadiene	100		96		67-130	4		30
Isopropylbenzene	99		96		70-130	3		30
p-Isopropyltoluene	104		103		70-130	1		30
Naphthalene	89		93		70-130	4		30
Acrylonitrile	98		111		70-130	12		30
n-Propylbenzene	100		98		70-130	2		30
1,2,3-Trichlorobenzene	106		108		70-130	2		30
1,2,4-Trichlorobenzene	108		109		70-130	1		30
1,3,5-Trimethylbenzene	103		101		70-130	2		30
1,2,4-Trimethylbenzene	104		103		70-130	1		30
1,4-Dioxane	70		77		65-136	10		30
p-Diethylbenzene	100		96		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11-12,14 Batch: WG1926357-3 WG1926357-4								
p-Ethyltoluene	101		98		70-130	3		30
1,2,4,5-Tetramethylbenzene	93		93		70-130	0		30
Ethyl ether	98		100		67-130	2		30
trans-1,4-Dichloro-2-butene	94		97		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		110		70-130
Toluene-d8	95		93		70-130
4-Bromofluorobenzene	95		93		70-130
Dibromofluoromethane	101		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1926951-3 WG1926951-4								
Methylene chloride	98		94		70-130	4		30
1,1-Dichloroethane	102		98		70-130	4		30
Chloroform	99		95		70-130	4		30
Carbon tetrachloride	94		92		70-130	2		30
1,2-Dichloropropane	104		102		70-130	2		30
Dibromochloromethane	92		92		70-130	0		30
1,1,2-Trichloroethane	96		92		70-130	4		30
Tetrachloroethene	95		90		70-130	5		30
Chlorobenzene	100		95		70-130	5		30
Trichlorofluoromethane	105		99		70-139	6		30
1,2-Dichloroethane	97		95		70-130	2		30
1,1,1-Trichloroethane	97		93		70-130	4		30
Bromodichloromethane	98		98		70-130	0		30
trans-1,3-Dichloropropene	99		96		70-130	3		30
cis-1,3-Dichloropropene	102		100		70-130	2		30
1,1-Dichloropropene	99		95		70-130	4		30
Bromoform	83		86		70-130	4		30
1,1,2,2-Tetrachloroethane	96		94		70-130	2		30
Benzene	103		99		70-130	4		30
Toluene	102		96		70-130	6		30
Ethylbenzene	103		98		70-130	5		30
Chloromethane	97		87		52-130	11		30
Bromomethane	88		84		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1926951-3 WG1926951-4								
Vinyl chloride	102		93		67-130	9		30
Chloroethane	104		98		50-151	6		30
1,1-Dichloroethene	98		93		65-135	5		30
trans-1,2-Dichloroethene	99		95		70-130	4		30
Trichloroethene	99		96		70-130	3		30
1,2-Dichlorobenzene	98		94		70-130	4		30
1,3-Dichlorobenzene	100		96		70-130	4		30
1,4-Dichlorobenzene	100		96		70-130	4		30
Methyl tert butyl ether	95		94		66-130	1		30
p/m-Xylene	103		98		70-130	5		30
o-Xylene	102		97		70-130	5		30
cis-1,2-Dichloroethene	98		94		70-130	4		30
Dibromomethane	97		95		70-130	2		30
Styrene	107		103		70-130	4		30
Dichlorodifluoromethane	88		79		30-146	11		30
Acetone	119		113		54-140	5		30
Carbon disulfide	89		85		59-130	5		30
2-Butanone	112		112		70-130	0		30
Vinyl acetate	109		101		70-130	8		30
4-Methyl-2-pentanone	104		103		70-130	1		30
1,2,3-Trichloropropane	96		94		68-130	2		30
2-Hexanone	112		110		70-130	2		30
Bromochloromethane	97		97		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1926951-3 WG1926951-4								
2,2-Dichloropropane	100		96		70-130	4		30
1,2-Dibromoethane	97		94		70-130	3		30
1,3-Dichloropropane	98		95		69-130	3		30
1,1,1,2-Tetrachloroethane	94		92		70-130	2		30
Bromobenzene	97		94		70-130	3		30
n-Butylbenzene	106		100		70-130	6		30
sec-Butylbenzene	104		100		70-130	4		30
tert-Butylbenzene	101		96		70-130	5		30
o-Chlorotoluene	102		97		70-130	5		30
p-Chlorotoluene	102		98		70-130	4		30
1,2-Dibromo-3-chloropropane	90		92		68-130	2		30
Hexachlorobutadiene	105		99		67-130	6		30
Isopropylbenzene	103		99		70-130	4		30
p-Isopropyltoluene	104		99		70-130	5		30
Naphthalene	101		99		70-130	2		30
Acrylonitrile	105		105		70-130	0		30
n-Propylbenzene	104		99		70-130	5		30
1,2,3-Trichlorobenzene	118		112		70-130	5		30
1,2,4-Trichlorobenzene	107		101		70-130	6		30
1,3,5-Trimethylbenzene	102		98		70-130	4		30
1,2,4-Trimethylbenzene	104		99		70-130	5		30
1,4-Dioxane	83		90		65-136	8		30
p-Diethylbenzene	103		97		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1926951-3 WG1926951-4								
p-Ethyltoluene	102		98		70-130	4		30
1,2,4,5-Tetramethylbenzene	104		100		70-130	4		30
Ethyl ether	96		93		67-130	3		30
trans-1,4-Dichloro-2-butene	108		106		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		99		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	101		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08 Batch: WG1927044-3 WG1927044-4								
Methylene chloride	85		82		70-130	4		30
1,1-Dichloroethane	104		**132**	Q	70-130	24		30
Chloroform	103		107		70-130	4		30
Carbon tetrachloride	100		102		70-130	2		30
1,2-Dichloropropane	102		103		70-130	1		30
Dibromochloromethane	101		100		70-130	1		30
1,1,2-Trichloroethane	107		105		70-130	2		30
Tetrachloroethene	113		112		70-130	1		30
Chlorobenzene	108		107		70-130	1		30
Trichlorofluoromethane	91		86		70-139	6		30
1,2-Dichloroethane	106		106		70-130	0		30
1,1,1-Trichloroethane	108		109		70-130	1		30
Bromodichloromethane	100		100		70-130	0		30
trans-1,3-Dichloropropene	112		113		70-130	1		30
cis-1,3-Dichloropropene	103		106		70-130	3		30
1,1-Dichloropropene	102		104		70-130	2		30
Bromoform	92		92		70-130	0		30
1,1,2,2-Tetrachloroethane	102		101		70-130	1		30
Benzene	104		106		70-130	2		30
Toluene	106		106		70-130	0		30
Ethylbenzene	111		111		70-130	0		30
Chloromethane	95		95		52-130	0		30
Bromomethane	76		77		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08 Batch: WG1927044-3 WG1927044-4								
Vinyl chloride	97		93		67-130	4		30
Chloroethane	95		91		50-151	4		30
1,1-Dichloroethene	92		89		65-135	3		30
trans-1,2-Dichloroethene	101		100		70-130	1		30
Trichloroethene	109		113		70-130	4		30
1,2-Dichlorobenzene	108		109		70-130	1		30
1,3-Dichlorobenzene	110		112		70-130	2		30
1,4-Dichlorobenzene	108		111		70-130	3		30
Methyl tert butyl ether	114		110		66-130	4		30
p/m-Xylene	109		109		70-130	0		30
o-Xylene	107		108		70-130	1		30
cis-1,2-Dichloroethene	102		103		70-130	1		30
Dibromomethane	99		100		70-130	1		30
Styrene	113		112		70-130	1		30
Dichlorodifluoromethane	98		94		30-146	4		30
Acetone	91		88		54-140	3		30
Carbon disulfide	93		90		59-130	3		30
2-Butanone	96		98		70-130	2		30
Vinyl acetate	98		91		70-130	7		30
4-Methyl-2-pentanone	106		104		70-130	2		30
1,2,3-Trichloropropane	106		106		68-130	0		30
2-Hexanone	110		108		70-130	2		30
Bromochloromethane	98		99		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08 Batch: WG1927044-3 WG1927044-4								
2,2-Dichloropropane	107		110		70-130	3		30
1,2-Dibromoethane	107		106		70-130	1		30
1,3-Dichloropropane	108		110		69-130	2		30
1,1,1,2-Tetrachloroethane	104		106		70-130	2		30
Bromobenzene	104		105		70-130	1		30
n-Butylbenzene	115		118		70-130	3		30
sec-Butylbenzene	109		111		70-130	2		30
tert-Butylbenzene	106		107		70-130	1		30
o-Chlorotoluene	111		114		70-130	3		30
p-Chlorotoluene	111		114		70-130	3		30
1,2-Dibromo-3-chloropropane	97		94		68-130	3		30
Hexachlorobutadiene	97		99		67-130	2		30
Isopropylbenzene	108		110		70-130	2		30
p-Isopropyltoluene	109		111		70-130	2		30
Naphthalene	104		106		70-130	2		30
Acrylonitrile	97		99		70-130	2		30
n-Propylbenzene	110		114		70-130	4		30
1,2,3-Trichlorobenzene	102		106		70-130	4		30
1,2,4-Trichlorobenzene	106		110		70-130	4		30
1,3,5-Trimethylbenzene	109		111		70-130	2		30
1,2,4-Trimethylbenzene	110		112		70-130	2		30
1,4-Dioxane	95		98		65-136	3		30
p-Diethylbenzene	110		114		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08 Batch: WG1927044-3 WG1927044-4								
p-Ethyltoluene	108		111		70-130	3		30
1,2,4,5-Tetramethylbenzene	106		108		70-130	2		30
Ethyl ether	89		88		67-130	1		30
trans-1,4-Dichloro-2-butene	118		120		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		105		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	95		95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05,17 Batch: WG1927113-3 WG1927113-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		120		70-130	9		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	110		120		70-130	9		20
Dibromochloromethane	94		100		63-130	6		20
1,1,2-Trichloroethane	98		110		70-130	12		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	91		85		62-150	7		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	99		100		67-130	1		20
trans-1,3-Dichloropropene	100		110		70-130	10		20
cis-1,3-Dichloropropene	98		110		70-130	12		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	86		98		54-136	13		20
1,1,2,2-Tetrachloroethane	110		130		67-130	17		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	120		120		64-130	0		20
Bromomethane	56		54		39-139	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05,17 Batch: WG1927113-3 WG1927113-4								
Vinyl chloride	120		120		55-140	0		20
Chloroethane	110		120		55-138	9		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	92		95		70-130	3		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	86		99		63-130	14		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	90		95		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	93		100		70-130	7		20
1,2,3-Trichloropropane	93		110		64-130	17		20
Acrylonitrile	100		120		70-130	18		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	120		110		36-147	9		20
Acetone	89		100		58-148	12		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	98		110		63-138	12		20
Vinyl acetate	**170**	Q	**190**	Q	70-130	11		20
4-Methyl-2-pentanone	88		110		59-130	**22**	Q	20
2-Hexanone	92		120		57-130	**26**	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05,17 Batch: WG1927113-3 WG1927113-4								
Bromochloromethane	96		100		70-130	4		20
2,2-Dichloropropane	120		110		63-133	9		20
1,2-Dibromoethane	97		110		70-130	13		20
1,3-Dichloropropane	100		110		70-130	10		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	100		110		70-130	10		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	110		120		70-130	9		20
p-Chlorotoluene	110		120		70-130	9		20
1,2-Dibromo-3-chloropropane	82		95		41-144	15		20
Hexachlorobutadiene	110		120		63-130	9		20
Isopropylbenzene	99		100		70-130	1		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	**69**	Q	94		70-130	**31**	Q	20
n-Propylbenzene	120		120		69-130	0		20
1,2,3-Trichlorobenzene	80		100		70-130	**22**	Q	20
1,2,4-Trichlorobenzene	91		100		70-130	9		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		120		70-130	9		20
1,4-Dioxane	72		86		56-162	18		20
p-Diethylbenzene	100		110		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05,17 Batch: WG1927113-3 WG1927113-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	89		96		70-130	8		20
Ethyl ether	91		100		59-134	9		20
trans-1,4-Dichloro-2-butene	86		96		70-130	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		106		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	107		108		70-130
Dibromofluoromethane	98		98		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-02
Client ID: G12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 09:45
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/29/24 08:59
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-02 Date Collected: 05/22/24 09:45

Client ID: G12_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-02 Date Collected: 05/22/24 09:45

Client ID: G12_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
Total TIC Compounds	152	J	ug/kg			1
Unknown Amide	152	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	115		10-136
4-Terphenyl-d14	83		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-05
Client ID: FB-05222024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 10:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E
Analytical Date: 05/29/24 07:35
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/28/24 07:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-05 Date Collected: 05/22/24 10:00

Client ID: FB-05222024 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	0.50	J	ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	14.8	J	ug/l			1
Unknown	5.90	J	ug/l			1
Unknown	4.60	J	ug/l			1
Unknown	4.30	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	36		10-120
4-Terphenyl-d14	85		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-05
Client ID: FB-05222024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 10:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 05/29/24 12:45
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/28/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-05
Client ID: FB-05222024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 10:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 05/30/24 23:00
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 05/28/24 07:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-05 Date Collected: 05/22/24 10:00

Client ID: FB-05222024 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	31		10-120
4-Terphenyl-d14	83		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-06
Client ID: G12_9-11
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 10:05
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/29/24 07:47
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-06 Date Collected: 05/22/24 10:05

Client ID: G12_9-11 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-06 Date Collected: 05/22/24 10:05

Client ID: G12_9-11 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	124		10-136
4-Terphenyl-d14	92		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-08
Client ID: I15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 11:50
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/29/24 08:11
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-08 Date Collected: 05/22/24 11:50

Client ID: I15_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-08 Date Collected: 05/22/24 11:50

Client ID: I15_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	249	J	ug/kg			1
Unknown Amide	249	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	126		10-136
4-Terphenyl-d14	90		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-11
Client ID: DUP-05222024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 12:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/29/24 10:35
Analyst: IM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	70	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-11 Date Collected: 05/22/24 12:00

Client ID: DUP-05222024 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	37	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	53	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	43	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	34	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	33	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	29	J	ug/kg	160	28.	1
Pyrene	64	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-11 Date Collected: 05/22/24 12:00

Client ID: DUP-05222024 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	300	J	ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1
Tentatively Identified Compounds						
Total TIC Compounds	3280	J	ug/kg			1
Unknown	602	J	ug/kg			1
Unknown	589	J	ug/kg			1
Aniline	169	J	ug/kg			1
Unknown	1190	J	ug/kg			1
Unknown Organic Acid	521	J	ug/kg			1
Unknown	213	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	69		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-12
Client ID: I15_6-8
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 15:10
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/29/24 08:35
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-12 Date Collected: 05/22/24 15:10

Client ID: I15_6-8 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-12 Date Collected: 05/22/24 15:10

Client ID: I15_6-8 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	86		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-14
Client ID: A4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 15:20
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/27/24 02:32
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 08:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	31	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-14 Date Collected: 05/22/24 15:20

Client ID: A4_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	22	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	20	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	28	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-14 Date Collected: 05/22/24 15:20

Client ID: A4_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	182	J	ug/kg			1
Unknown Alkene	182	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	45		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/26/24 16:43
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/25/24 09:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG1925816-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/26/24 16:43
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/25/24 09:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG1925816-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/26/24 16:43
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/25/24 09:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG1925816-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	125		10-136
4-Terphenyl-d14	100		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/28/24 23:33
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/26/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,08,11-12 Batch: WG1925954-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/28/24 23:33
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/26/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,08,11-12 Batch: WG1925954-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/28/24 23:33
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/26/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,08,11-12 Batch: WG1925954-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	97		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/29/24 09:17
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/28/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 05 Batch: WG1926281-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/29/24 01:17
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 05/28/24 07:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1926295-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/29/24 01:17
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 05/28/24 07:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1926295-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/29/24 01:17
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 05/28/24 07:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1926295-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	4.30	J	ug/l
Unknown	4.30	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	39		10-120
4-Terphenyl-d14	77		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/29/24 08:01
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 05/28/24 07:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG1926296-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.09	J	ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	0.09	J	ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/29/24 08:01
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 05/28/24 07:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG1926296-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	44		10-120
4-Terphenyl-d14	83		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG1925816-2 WG1925816-3								
Acenaphthene	80		80		31-137	0		50
1,2,4-Trichlorobenzene	78		79		38-107	1		50
Hexachlorobenzene	104		105		40-140	1		50
Bis(2-chloroethyl)ether	64		68		40-140	6		50
2-Chloronaphthalene	83		86		40-140	4		50
1,2-Dichlorobenzene	71		74		40-140	4		50
1,3-Dichlorobenzene	71		73		40-140	3		50
1,4-Dichlorobenzene	69		72		28-104	4		50
3,3'-Dichlorobenzidine	65		70		40-140	7		50
2,4-Dinitrotoluene	97		97		40-132	0		50
2,6-Dinitrotoluene	104		107		40-140	3		50
Fluoranthene	85		86		40-140	1		50
4-Chlorophenyl phenyl ether	86		86		40-140	0		50
4-Bromophenyl phenyl ether	97		97		40-140	0		50
Bis(2-chloroisopropyl)ether	48		50		40-140	4		50
Bis(2-chloroethoxy)methane	72		74		40-117	3		50
Hexachlorobutadiene	83		86		40-140	4		50
Hexachlorocyclopentadiene	103		112		40-140	8		50
Hexachloroethane	73		73		40-140	0		50
Isophorone	70		72		40-140	3		50
Naphthalene	73		75		40-140	3		50
Nitrobenzene	70		72		40-140	3		50
NDPA/DPA	86		87		36-157	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG1925816-2 WG1925816-3								
n-Nitrosodi-n-propylamine	69		70		32-121	1		50
Bis(2-ethylhexyl)phthalate	89		91		40-140	2		50
Butyl benzyl phthalate	98		100		40-140	2		50
Di-n-butylphthalate	89		90		40-140	1		50
Di-n-octylphthalate	94		96		40-140	2		50
Diethyl phthalate	88		87		40-140	1		50
Dimethyl phthalate	90		91		40-140	1		50
Benzo(a)anthracene	78		80		40-140	3		50
Benzo(a)pyrene	87		89		40-140	2		50
Benzo(b)fluoranthene	89		84		40-140	6		50
Benzo(k)fluoranthene	82		91		40-140	10		50
Chrysene	79		81		40-140	3		50
Acenaphthylene	86		87		40-140	1		50
Anthracene	81		83		40-140	2		50
Benzo(ghi)perylene	84		85		40-140	1		50
Fluorene	83		84		40-140	1		50
Phenanthrene	80		80		40-140	0		50
Dibenzo(a,h)anthracene	84		84		40-140	0		50
Indeno(1,2,3-cd)pyrene	87		86		40-140	1		50
Pyrene	84		85		35-142	1		50
Biphenyl	76		78		37-127	3		50
4-Chloroaniline	68		72		40-140	6		50
2-Nitroaniline	100		102		47-134	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG1925816-2 WG1925816-3								
3-Nitroaniline	76		81		26-129	6		50
4-Nitroaniline	79		80		41-125	1		50
Dibenzofuran	80		81		40-140	1		50
2-Methylnaphthalene	81		84		40-140	4		50
1,2,4,5-Tetrachlorobenzene	78		81		40-117	4		50
Acetophenone	67		70		14-144	4		50
2,4,6-Trichlorophenol	97		98		30-130	1		50
p-Chloro-m-cresol	87		89		26-103	2		50
2-Chlorophenol	77		80		25-102	4		50
2,4-Dichlorophenol	88		91		30-130	3		50
2,4-Dimethylphenol	96		99		30-130	3		50
2-Nitrophenol	97		102		30-130	5		50
4-Nitrophenol	81		82		11-114	1		50
2,4-Dinitrophenol	84		84		4-130	0		50
4,6-Dinitro-o-cresol	105		107		10-130	2		50
Pentachlorophenol	109		109		17-109	0		50
Phenol	66		68		26-90	3		50
2-Methylphenol	77		79		30-130.	3		50
3-Methylphenol/4-Methylphenol	78		80		30-130	3		50
2,4,5-Trichlorophenol	97		100		30-130	3		50
Benzoic Acid	28		25		10-110	11		50
Benzyl Alcohol	75		77		40-140	3		50
Carbazole	80		82		54-128	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG1925816-2 WG1925816-3								
1,4-Dioxane	46		46		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		72		25-120
Phenol-d6	70		72		10-120
Nitrobenzene-d5	69		73		23-120
2-Fluorobiphenyl	81		83		30-120
2,4,6-Tribromophenol	116		116		10-136
4-Terphenyl-d14	86		88		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,08,11-12 Batch: WG1925954-2 WG1925954-3								
Acenaphthene	90		86		31-137	5		50
1,2,4-Trichlorobenzene	86		73		38-107	16		50
Hexachlorobenzene	99		94		40-140	5		50
Bis(2-chloroethyl)ether	76		64		40-140	17		50
2-Chloronaphthalene	89		85		40-140	5		50
1,2-Dichlorobenzene	83		69		40-140	18		50
1,3-Dichlorobenzene	81		67		40-140	19		50
1,4-Dichlorobenzene	81		67		28-104	19		50
3,3'-Dichlorobenzidine	81		84		40-140	4		50
2,4-Dinitrotoluene	102		100		40-132	2		50
2,6-Dinitrotoluene	95		93		40-140	2		50
Fluoranthene	94		92		40-140	2		50
4-Chlorophenyl phenyl ether	96		88		40-140	9		50
4-Bromophenyl phenyl ether	98		95		40-140	3		50
Bis(2-chloroisopropyl)ether	70		59		40-140	17		50
Bis(2-chloroethoxy)methane	79		72		40-117	9		50
Hexachlorobutadiene	90		78		40-140	14		50
Hexachlorocyclopentadiene	76		69		40-140	10		50
Hexachloroethane	84		70		40-140	18		50
Isophorone	79		72		40-140	9		50
Naphthalene	86		75		40-140	14		50
Nitrobenzene	88		77		40-140	13		50
NDPA/DPA	94		90		36-157	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,08,11-12 Batch: WG1925954-2 WG1925954-3								
n-Nitrosodi-n-propylamine	83		74		32-121	11		50
Bis(2-ethylhexyl)phthalate	99		95		40-140	4		50
Butyl benzyl phthalate	97		94		40-140	3		50
Di-n-butylphthalate	96		94		40-140	2		50
Di-n-octylphthalate	93		92		40-140	1		50
Diethyl phthalate	98		93		40-140	5		50
Dimethyl phthalate	92		89		40-140	3		50
Benzo(a)anthracene	91		88		40-140	3		50
Benzo(a)pyrene	95		95		40-140	0		50
Benzo(b)fluoranthene	99		98		40-140	1		50
Benzo(k)fluoranthene	89		90		40-140	1		50
Chrysene	88		88		40-140	0		50
Acenaphthylene	93		90		40-140	3		50
Anthracene	93		90		40-140	3		50
Benzo(ghi)perylene	92		92		40-140	0		50
Fluorene	93		88		40-140	6		50
Phenanthrene	91		88		40-140	3		50
Dibenzo(a,h)anthracene	89		93		40-140	4		50
Indeno(1,2,3-cd)pyrene	90		88		40-140	2		50
Pyrene	93		90		35-142	3		50
Biphenyl	77		74		37-127	4		50
4-Chloroaniline	79		80		40-140	1		50
2-Nitroaniline	93		93		47-134	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,08,11-12 Batch: WG1925954-2 WG1925954-3								
3-Nitroaniline	85		86		26-129	1		50
4-Nitroaniline	93		86		41-125	8		50
Dibenzofuran	95		90		40-140	5		50
2-Methylnaphthalene	89		82		40-140	8		50
1,2,4,5-Tetrachlorobenzene	80		76		40-117	5		50
Acetophenone	76		66		14-144	14		50
2,4,6-Trichlorophenol	94		94		30-130	0		50
p-Chloro-m-cresol	92		91		26-103	1		50
2-Chlorophenol	88		76		25-102	15		50
2,4-Dichlorophenol	93		84		30-130	10		50
2,4-Dimethylphenol	84		76		30-130	10		50
2-Nitrophenol	94		80		30-130	16		50
4-Nitrophenol	100		98		11-114	2		50
2,4-Dinitrophenol	85		82		4-130	4		50
4,6-Dinitro-o-cresol	104		102		10-130	2		50
Pentachlorophenol	93		88		17-109	6		50
Phenol	88		78		26-90	12		50
2-Methylphenol	87		78		30-130.	11		50
3-Methylphenol/4-Methylphenol	92		83		30-130	10		50
2,4,5-Trichlorophenol	96		96		30-130	0		50
Benzoic Acid	40		41		10-110	2		50
Benzyl Alcohol	93		82		40-140	13		50
Carbazole	94		92		54-128	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,08,11-12 Batch: WG1925954-2 WG1925954-3								
1,4-Dioxane	50		42		40-140	17		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		72		25-120
Phenol-d6	83		72		10-120
Nitrobenzene-d5	88		75		23-120
2-Fluorobiphenyl	86		81		30-120
2,4,6-Tribromophenol	102		97		10-136
4-Terphenyl-d14	91		86		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 05 Batch: WG1926281-2 WG1926281-3								
1,4-Dioxane	128		129		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	40		40		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1926295-2 WG1926295-3								
Acenaphthene	75		81		37-111	8		30
1,2,4-Trichlorobenzene	58		66		39-98	13		30
Hexachlorobenzene	78		82		40-140	5		30
Bis(2-chloroethyl)ether	66		73		40-140	10		30
2-Chloronaphthalene	68		74		40-140	8		30
1,2-Dichlorobenzene	64		68		40-140	6		30
1,3-Dichlorobenzene	62		65		40-140	5		30
1,4-Dichlorobenzene	58		65		36-97	11		30
3,3'-Dichlorobenzidine	93		101		40-140	8		30
2,4-Dinitrotoluene	85		89		48-143	5		30
2,6-Dinitrotoluene	85		87		40-140	2		30
Fluoranthene	85		89		40-140	5		30
4-Chlorophenyl phenyl ether	73		79		40-140	8		30
4-Bromophenyl phenyl ether	77		81		40-140	5		30
Bis(2-chloroisopropyl)ether	54		62		40-140	14		30
Bis(2-chloroethoxy)methane	66		72		40-140	9		30
Hexachlorobutadiene	53		59		40-140	11		30
Hexachlorocyclopentadiene	49		58		40-140	17		30
Hexachloroethane	48		59		40-140	21		30
Isophorone	67		73		40-140	9		30
Naphthalene	66		74		40-140	11		30
Nitrobenzene	64		72		40-140	12		30
NDPA/DPA	85		83		40-140	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1926295-2 WG1926295-3								
n-Nitrosodi-n-propylamine	66		72		29-132	9		30
Bis(2-ethylhexyl)phthalate	97		102		40-140	5		30
Butyl benzyl phthalate	97		102		40-140	5		30
Di-n-butylphthalate	90		92		40-140	2		30
Di-n-octylphthalate	104		106		40-140	2		30
Diethyl phthalate	82		89		40-140	8		30
Dimethyl phthalate	81		85		40-140	5		30
Benzo(a)anthracene	81		88		40-140	8		30
Benzo(a)pyrene	91		100		40-140	9		30
Benzo(b)fluoranthene	91		96		40-140	5		30
Benzo(k)fluoranthene	86		95		40-140	10		30
Chrysene	80		85		40-140	6		30
Acenaphthylene	75		79		45-123	5		30
Anthracene	77		86		40-140	11		30
Benzo(ghi)perylene	89		97		40-140	9		30
Fluorene	76		81		40-140	6		30
Phenanthrene	77		84		40-140	9		30
Dibenzo(a,h)anthracene	94		102		40-140	8		30
Indeno(1,2,3-cd)pyrene	86		104		40-140	19		30
Pyrene	85		91		26-127	7		30
Biphenyl	70		77		40-140	10		30
4-Chloroaniline	48		**38**	Q	40-140	23		30
2-Nitroaniline	87		98		52-143	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1926295-2 WG1926295-3								
3-Nitroaniline	74		69		25-145	7		30
4-Nitroaniline	90		87		51-143	3		30
Dibenzofuran	72		78		40-140	8		30
2-Methylnaphthalene	69		76		40-140	10		30
1,2,4,5-Tetrachlorobenzene	58		66		2-134	13		30
Acetophenone	70		78		39-129	11		30
2,4,6-Trichlorophenol	50		93		30-130	**60**	Q	30
p-Chloro-m-cresol	66		79		23-97	18		30
2-Chlorophenol	51		77		27-123	**41**	Q	30
2,4-Dichlorophenol	53		85		30-130	**46**	Q	30
2,4-Dimethylphenol	61		61		30-130	0		30
2-Nitrophenol	52		91		30-130	**55**	Q	30
4-Nitrophenol	30		53		10-80	**55**	Q	30
2,4-Dinitrophenol	30		91		20-130	**101**	Q	30
4,6-Dinitro-o-cresol	51		109		20-164	**73**	Q	30
Pentachlorophenol	33		90		9-103	**93**	Q	30
Phenol	30		42		12-110	**33**	Q	30
2-Methylphenol	63		72		30-130	13		30
3-Methylphenol/4-Methylphenol	64		73		30-130	13		30
2,4,5-Trichlorophenol	51		90		30-130	**55**	Q	30
Benzoic Acid	**0**	Q	23		10-164	NC		30
Benzyl Alcohol	63		62		26-116	2		30
Carbazole	84		90		55-144	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1926295-2 WG1926295-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	31		54		21-120
Phenol-d6	28		42		10-120
Nitrobenzene-d5	64		65		23-120
2-Fluorobiphenyl	73		74		15-120
2,4,6-Tribromophenol	53		91		10-120
4-Terphenyl-d14	83		88		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG1926296-2 WG1926296-3								
Acenaphthene	71		78		40-140	9		40
2-Chloronaphthalene	63		69		40-140	9		40
Fluoranthene	84		89		40-140	6		40
Hexachlorobutadiene	54		61		40-140	12		40
Naphthalene	61		68		40-140	11		40
Benzo(a)anthracene	78		83		40-140	6		40
Benzo(a)pyrene	87		94		40-140	8		40
Benzo(b)fluoranthene	82		88		40-140	7		40
Benzo(k)fluoranthene	80		86		40-140	7		40
Chrysene	80		87		40-140	8		40
Acenaphthylene	72		78		40-140	8		40
Anthracene	77		84		40-140	9		40
Benzo(ghi)perylene	88		96		40-140	9		40
Fluorene	74		80		40-140	8		40
Phenanthrene	74		79		40-140	7		40
Dibenzo(a,h)anthracene	94		103		40-140	9		40
Indeno(1,2,3-cd)pyrene	99		106		40-140	7		40
Pyrene	82		88		40-140	7		40
2-Methylnaphthalene	67		75		40-140	11		40
Pentachlorophenol	**38**	Q	92		40-140	**83**	Q	40
Hexachlorobenzene	70		75		40-140	7		40
Hexachloroethane	52		58		40-140	11		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG1926296-2 WG1926296-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	34		56		21-120
Phenol-d6	33		44		10-120
Nitrobenzene-d5	86		92		23-120
2-Fluorobiphenyl	68		70		15-120
2,4,6-Tribromophenol	58		100		10-120
4-Terphenyl-d14	83		89		41-149

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-02
Client ID: G12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 09:45
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/28/24 11:51
Analyst: EMR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 00:48
Cleanup Method: EPA 3665A
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.7	4.77	1	A
Aroclor 1221	ND		ug/kg	53.7	5.38	1	A
Aroclor 1232	ND		ug/kg	53.7	11.4	1	A
Aroclor 1242	ND		ug/kg	53.7	7.24	1	A
Aroclor 1248	ND		ug/kg	53.7	8.06	1	A
Aroclor 1254	ND		ug/kg	53.7	5.88	1	A
Aroclor 1260	ND		ug/kg	53.7	9.93	1	A
Aroclor 1262	ND		ug/kg	53.7	6.82	1	A
Aroclor 1268	ND		ug/kg	53.7	5.57	1	A
PCBs, Total	ND		ug/kg	53.7	4.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-05
Client ID: FB-05222024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 10:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8082A
Analytical Date: 05/29/24 23:33
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 09:29
Cleanup Method: EPA 3665A
Cleanup Date: 05/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	124		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-06
Client ID: G12_9-11
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 10:05
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/29/24 03:23
Analyst: RMP
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/28/24 13:32
Cleanup Method: EPA 3665A
Cleanup Date: 05/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.6	4.85	1	A
Aroclor 1221	ND		ug/kg	54.6	5.48	1	A
Aroclor 1232	ND		ug/kg	54.6	11.6	1	A
Aroclor 1242	ND		ug/kg	54.6	7.37	1	A
Aroclor 1248	ND		ug/kg	54.6	8.20	1	A
Aroclor 1254	20.5	J	ug/kg	54.6	5.98	1	B
Aroclor 1260	ND		ug/kg	54.6	10.1	1	A
Aroclor 1262	ND		ug/kg	54.6	6.94	1	A
Aroclor 1268	ND		ug/kg	54.6	5.66	1	A
PCBs, Total	20.5	J	ug/kg	54.6	4.85	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-08
Client ID: I15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 11:50
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/28/24 12:07
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 00:48
Cleanup Method: EPA 3665A
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.4	4.74	1	A
Aroclor 1221	ND		ug/kg	53.4	5.35	1	A
Aroclor 1232	ND		ug/kg	53.4	11.3	1	A
Aroclor 1242	ND		ug/kg	53.4	7.19	1	A
Aroclor 1248	ND		ug/kg	53.4	8.00	1	A
Aroclor 1254	ND		ug/kg	53.4	5.84	1	A
Aroclor 1260	ND		ug/kg	53.4	9.86	1	A
Aroclor 1262	ND		ug/kg	53.4	6.78	1	A
Aroclor 1268	ND		ug/kg	53.4	5.53	1	A
PCBs, Total	ND		ug/kg	53.4	4.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-11
Client ID: DUP-05222024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 12:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/28/24 12:15
Analyst: EMR
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 00:48
Cleanup Method: EPA 3665A
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.4	5.19	1	A
Aroclor 1221	ND		ug/kg	58.4	5.86	1	A
Aroclor 1232	ND		ug/kg	58.4	12.4	1	A
Aroclor 1242	ND		ug/kg	58.4	7.88	1	A
Aroclor 1248	ND		ug/kg	58.4	8.76	1	A
Aroclor 1254	ND		ug/kg	58.4	6.39	1	A
Aroclor 1260	ND		ug/kg	58.4	10.8	1	A
Aroclor 1262	ND		ug/kg	58.4	7.42	1	A
Aroclor 1268	ND		ug/kg	58.4	6.05	1	A
PCBs, Total	ND		ug/kg	58.4	5.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-12
Client ID: I15_6-8
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 15:10
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/28/24 12:23
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 00:48
Cleanup Method: EPA 3665A
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.4	4.83	1	A
Aroclor 1221	ND		ug/kg	54.4	5.45	1	A
Aroclor 1232	ND		ug/kg	54.4	11.5	1	A
Aroclor 1242	ND		ug/kg	54.4	7.34	1	A
Aroclor 1248	ND		ug/kg	54.4	8.17	1	A
Aroclor 1254	ND		ug/kg	54.4	5.96	1	A
Aroclor 1260	ND		ug/kg	54.4	10.1	1	A
Aroclor 1262	ND		ug/kg	54.4	6.91	1	A
Aroclor 1268	ND		ug/kg	54.4	5.64	1	A
PCBs, Total	ND		ug/kg	54.4	4.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-14
Client ID: A4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 15:20
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/28/24 12:31
Analyst: EMR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 00:48
Cleanup Method: EPA 3665A
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.5	5.10	1	A
Aroclor 1221	ND		ug/kg	57.5	5.76	1	A
Aroclor 1232	ND		ug/kg	57.5	12.2	1	A
Aroclor 1242	ND		ug/kg	57.5	7.75	1	A
Aroclor 1248	ND		ug/kg	57.5	8.62	1	A
Aroclor 1254	ND		ug/kg	57.5	6.29	1	A
Aroclor 1260	ND		ug/kg	57.5	10.6	1	A
Aroclor 1262	ND		ug/kg	57.5	7.30	1	A
Aroclor 1268	ND		ug/kg	57.5	5.95	1	A
PCBs, Total	ND		ug/kg	57.5	5.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/28/24 11:27
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 05/26/24 00:48
Cleanup Method: EPA 3665A
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,08,11-12,14 Batch: WG1925958-1						
Aroclor 1016	ND		ug/kg	47.8	4.24	A
Aroclor 1221	ND		ug/kg	47.8	4.79	A
Aroclor 1232	ND		ug/kg	47.8	10.1	A
Aroclor 1242	ND		ug/kg	47.8	6.44	A
Aroclor 1248	ND		ug/kg	47.8	7.17	A
Aroclor 1254	ND		ug/kg	47.8	5.23	A
Aroclor 1260	ND		ug/kg	47.8	8.83	A
Aroclor 1262	ND		ug/kg	47.8	6.07	A
Aroclor 1268	ND		ug/kg	47.8	4.95	A
PCBs, Total	ND		ug/kg	47.8	4.24	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/29/24 02:49
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 05/28/24 13:32
Cleanup Method: EPA 3665A
Cleanup Date: 05/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06 Batch: WG1926537-1						
Aroclor 1016	ND		ug/kg	47.0	4.17	A
Aroclor 1221	ND		ug/kg	47.0	4.71	A
Aroclor 1232	ND		ug/kg	47.0	9.96	A
Aroclor 1242	ND		ug/kg	47.0	6.33	A
Aroclor 1248	ND		ug/kg	47.0	7.05	A
Aroclor 1254	ND		ug/kg	47.0	5.14	A
Aroclor 1260	ND		ug/kg	47.0	8.68	A
Aroclor 1262	ND		ug/kg	47.0	5.97	A
Aroclor 1268	ND		ug/kg	47.0	4.87	A
PCBs, Total	ND		ug/kg	47.0	4.17	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/29/24 20:47
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 05:30
Cleanup Method: EPA 3665A
Cleanup Date: 05/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05 Batch: WG1926808-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	106		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,08,11-12,14 Batch: WG1925958-2 WG1925958-3									
Aroclor 1016	72		68		40-140	6		50	A
Aroclor 1260	70		66		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		64		30-150	A
Decachlorobiphenyl	76		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		67		30-150	B
Decachlorobiphenyl	79		79		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06 Batch: WG1926537-2 WG1926537-3									
Aroclor 1016	61		66		40-140	8		50	A
Aroclor 1260	59		56		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		74		30-150	A
Decachlorobiphenyl	69		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		74		30-150	B
Decachlorobiphenyl	66		71		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05 Batch: WG1926808-2 WG1926808-3									
Aroclor 1016	77		77		40-140	1		50	A
Aroclor 1260	76		77		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		76		30-150	A
Decachlorobiphenyl	90		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		78		30-150	B
Decachlorobiphenyl	120		118		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-01
Client ID: G12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 09:35
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/28/24 16:14
Analyst: EJL
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 10:09
Cleanup Method: EPA 3620B
Cleanup Date: 05/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.90	0.372	1	A
Lindane	ND		ug/kg	0.791	0.353	1	A
Alpha-BHC	ND		ug/kg	0.791	0.224	1	A
Beta-BHC	ND		ug/kg	1.90	0.719	1	A
Heptachlor	ND	IP	ug/kg	0.949	0.425	1	B
Aldrin	ND		ug/kg	1.90	0.668	1	A
Heptachlor epoxide	140		ug/kg	3.56	1.07	1	B
Endrin	ND		ug/kg	0.791	0.324	1	A
Endrin aldehyde	ND		ug/kg	2.37	0.830	1	A
Endrin ketone	ND		ug/kg	1.90	0.488	1	A
4,4'-DDE	24.4		ug/kg	1.90	0.439	1	B
4,4'-DDD	ND		ug/kg	1.90	0.677	1	A
4,4'-DDT	24.0		ug/kg	1.90	1.52	1	B
Endosulfan I	ND		ug/kg	1.90	0.448	1	A
Endosulfan II	ND		ug/kg	1.90	0.634	1	A
Endosulfan sulfate	ND		ug/kg	0.791	0.376	1	A
Methoxychlor	ND		ug/kg	3.56	1.11	1	A
Toxaphene	ND		ug/kg	35.6	9.96	1	A
cis-Chlordane	93.4	IP	ug/kg	2.37	0.661	1	B
trans-Chlordane	78.9		ug/kg	2.37	0.626	1	B
Chlordane	ND		ug/kg	15.8	6.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-01
Client ID: G12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 09:35
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 15:38
Analyst: AKM
Percent Solids: 82%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	199	12.5	1	A
2,4,5-T	ND		ug/kg	199	6.16	1	A
2,4,5-TP (Silvex)	ND		ug/kg	199	5.29	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	69		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-01 D
Client ID: G12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 09:35
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/28/24 18:25
Analyst: EJL
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 10:09
Cleanup Method: EPA 3620B
Cleanup Date: 05/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	791		ug/kg	11.8	5.93	10	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-02
Client ID: G12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 09:45
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/28/24 16:50
Analyst: EJL
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 01:02
Cleanup Method: EPA 3620B
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.750	0.335	1	A
Alpha-BHC	ND		ug/kg	0.750	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.683	1	A
Heptachlor	ND		ug/kg	0.900	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.634	1	A
Heptachlor epoxide	2.90	J	ug/kg	3.38	1.01	1	B
Endrin	ND		ug/kg	0.750	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.788	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	12.0		ug/kg	1.12	0.563	1	B
4,4'-DDE	ND		ug/kg	1.80	0.416	1	A
4,4'-DDD	ND		ug/kg	1.80	0.642	1	A
4,4'-DDT	ND		ug/kg	1.80	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.750	0.357	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.45	1	A
cis-Chlordane	1.31	JIP	ug/kg	2.25	0.627	1	B
trans-Chlordane	1.58	JIP	ug/kg	2.25	0.594	1	B
Chlordane	ND		ug/kg	15.0	5.96	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-02 Date Collected: 05/22/24 09:45

Client ID: G12_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	113		30-150	A
2,4,5,6-Tetrachloro-m-xylene	116		30-150	B
Decachlorobiphenyl	144		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-02
Client ID: G12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 09:45
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 16:34
Analyst: AKM
Percent Solids: 88%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	184	11.6	1	A
2,4,5-T	ND		ug/kg	184	5.69	1	A
2,4,5-TP (Silvex)	ND		ug/kg	184	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	93		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-05
Client ID: FB-05222024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 10:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 05/28/24 12:37
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 05/27/24 11:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-05 Date Collected: 05/22/24 10:00

Client ID: FB-05222024 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-05
Client ID: FB-05222024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 10:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 05/27/24 17:18
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 05/24/24 14:27

Methylation Date: 05/25/24 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-06
Client ID: G12_9-11
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 10:05
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/28/24 17:02
Analyst: EJL
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 01:02
Cleanup Method: EPA 3620B
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.732	0.327	1	A
Alpha-BHC	ND		ug/kg	0.732	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.666	1	A
Heptachlor	ND		ug/kg	0.878	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.618	1	A
Heptachlor epoxide	ND		ug/kg	3.29	0.988	1	B
Endrin	ND		ug/kg	0.732	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.768	1	A
Endrin ketone	ND		ug/kg	1.76	0.452	1	A
Dieldrin	2.14		ug/kg	1.10	0.549	1	B
4,4'-DDE	ND		ug/kg	1.76	0.406	1	A
4,4'-DDD	ND		ug/kg	1.76	0.626	1	A
4,4'-DDT	ND		ug/kg	1.76	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.587	1	A
Endosulfan sulfate	ND		ug/kg	0.732	0.348	1	A
Methoxychlor	ND		ug/kg	3.29	1.02	1	A
Toxaphene	ND		ug/kg	32.9	9.22	1	A
cis-Chlordane	ND		ug/kg	2.20	0.612	1	B
trans-Chlordane	ND	IP	ug/kg	2.20	0.580	1	B
Chlordane	ND		ug/kg	14.6	5.82	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-06 Date Collected: 05/22/24 10:05

Client ID: G12_9-11 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	111		30-150	B
Decachlorobiphenyl	133		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-06
Client ID: G12_9-11
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 10:05
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 16:53
Analyst: AKM
Percent Solids: 88%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	184	11.6	1	A
2,4,5-T	ND		ug/kg	184	5.71	1	A
2,4,5-TP (Silvex)	ND		ug/kg	184	4.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-07
Client ID: I15_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 11:45
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/28/24 17:14
Analyst: EJL
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 01:02
Cleanup Method: EPA 3620B
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.379	1	A
Lindane	ND		ug/kg	0.806	0.360	1	A
Alpha-BHC	ND		ug/kg	0.806	0.229	1	A
Beta-BHC	ND		ug/kg	1.93	0.733	1	A
Heptachlor	ND		ug/kg	0.967	0.434	1	A
Aldrin	ND		ug/kg	1.93	0.681	1	A
Heptachlor epoxide	2.59	J	ug/kg	3.63	1.09	1	B
Endrin	ND		ug/kg	0.806	0.330	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.846	1	A
Endrin ketone	ND		ug/kg	1.93	0.498	1	A
Dieldrin	2.09		ug/kg	1.21	0.604	1	B
4,4'-DDE	12.0		ug/kg	1.93	0.447	1	B
4,4'-DDD	ND		ug/kg	1.93	0.690	1	A
4,4'-DDT	2.65	IP	ug/kg	1.93	1.56	1	A
Endosulfan I	ND		ug/kg	1.93	0.457	1	A
Endosulfan II	ND		ug/kg	1.93	0.646	1	A
Endosulfan sulfate	ND		ug/kg	0.806	0.384	1	A
Methoxychlor	ND		ug/kg	3.63	1.13	1	A
Toxaphene	ND		ug/kg	36.3	10.2	1	A
cis-Chlordane	2.99	IP	ug/kg	2.42	0.674	1	B
trans-Chlordane	3.00	IP	ug/kg	2.42	0.638	1	B
Chlordane	ND		ug/kg	16.1	6.41	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-07 Date Collected: 05/22/24 11:45

Client ID: I15_0-0.2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	114		30-150	B
Decachlorobiphenyl	137		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-07
Client ID: I15_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 11:45
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 17:11
Analyst: AKM
Percent Solids: 80%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	202	12.7	1	A
2,4,5-T	ND		ug/kg	202	6.26	1	A
2,4,5-TP (Silvex)	ND		ug/kg	202	5.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-08
Client ID: I15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 11:50
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/28/24 17:26
Analyst: EJL
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 01:02
Cleanup Method: EPA 3620B
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.733	0.328	1	A
Alpha-BHC	ND		ug/kg	0.733	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.667	1	A
Heptachlor	ND		ug/kg	0.879	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.619	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.989	1	A
Endrin	ND		ug/kg	0.733	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.769	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	ND		ug/kg	1.10	0.550	1	A
4,4'-DDE	1.86		ug/kg	1.76	0.407	1	B
4,4'-DDD	ND		ug/kg	1.76	0.627	1	A
4,4'-DDT	ND		ug/kg	1.76	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.733	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.02	1	A
Toxaphene	ND		ug/kg	33.0	9.23	1	A
cis-Chlordane	ND		ug/kg	2.20	0.613	1	A
trans-Chlordane	ND		ug/kg	2.20	0.580	1	A
Chlordane	ND		ug/kg	14.6	5.82	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-08 Date Collected: 05/22/24 11:50

Client ID: I15_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	109		30-150	B
Decachlorobiphenyl	127		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-08
Client ID: I15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 11:50
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 17:30
Analyst: AKM
Percent Solids: 86%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.96	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	74		30-150	A
DCAA	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-11
Client ID: DUP-05222024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 12:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/28/24 17:38
Analyst: EJL
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 01:02
Cleanup Method: EPA 3620B
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.779	0.348	1	A
Alpha-BHC	ND		ug/kg	0.779	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.709	1	A
Heptachlor	0.511	J	ug/kg	0.935	0.419	1	B
Aldrin	ND		ug/kg	1.87	0.658	1	A
Heptachlor epoxide	185		ug/kg	3.50	1.05	1	B
Endrin	ND		ug/kg	0.779	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.818	1	A
Endrin ketone	ND		ug/kg	1.87	0.481	1	A
4,4'-DDE	31.8		ug/kg	1.87	0.432	1	A
4,4'-DDD	ND		ug/kg	1.87	0.667	1	A
4,4'-DDT	33.0		ug/kg	1.87	1.50	1	B
Endosulfan I	ND		ug/kg	1.87	0.442	1	A
Endosulfan II	ND		ug/kg	1.87	0.625	1	A
Endosulfan sulfate	ND		ug/kg	0.779	0.371	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.81	1	A
cis-Chlordane	141	IP	ug/kg	2.34	0.651	1	B
trans-Chlordane	112		ug/kg	2.34	0.617	1	B
Chlordane	ND		ug/kg	15.6	6.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	111		30-150	B
Decachlorobiphenyl	147		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-11
Client ID: DUP-05222024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 12:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 18:07
Analyst: AKM
Percent Solids: 81%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	202	12.8	1	A
2,4,5-T	ND		ug/kg	202	6.28	1	A
2,4,5-TP (Silvex)	ND		ug/kg	202	5.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	94		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-11 D
Client ID: DUP-05222024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 12:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/28/24 19:01
Analyst: EJL
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 01:02
Cleanup Method: EPA 3620B
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	1500		ug/kg	11.7	5.84	10	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-12
Client ID: I15_6-8
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 15:10
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/28/24 17:50
Analyst: EJL
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 01:02
Cleanup Method: EPA 3620B
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.345	1	A
Lindane	ND		ug/kg	0.735	0.328	1	A
Alpha-BHC	ND		ug/kg	0.735	0.209	1	A
Beta-BHC	ND		ug/kg	1.76	0.669	1	A
Heptachlor	ND		ug/kg	0.882	0.395	1	A
Aldrin	ND		ug/kg	1.76	0.621	1	A
Heptachlor epoxide	ND		ug/kg	3.31	0.992	1	A
Endrin	ND		ug/kg	0.735	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.772	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	ND		ug/kg	1.10	0.551	1	A
4,4'-DDE	ND		ug/kg	1.76	0.408	1	A
4,4'-DDD	ND		ug/kg	1.76	0.629	1	A
4,4'-DDT	ND		ug/kg	1.76	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.417	1	A
Endosulfan II	ND		ug/kg	1.76	0.589	1	A
Endosulfan sulfate	ND		ug/kg	0.735	0.350	1	A
Methoxychlor	ND		ug/kg	3.31	1.03	1	A
Toxaphene	ND		ug/kg	33.1	9.26	1	A
cis-Chlordane	ND		ug/kg	2.20	0.614	1	A
trans-Chlordane	ND		ug/kg	2.20	0.582	1	A
Chlordane	ND		ug/kg	14.7	5.84	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-12 Date Collected: 05/22/24 15:10

Client ID: I15_6-8 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	117		30-150	A
2,4,5,6-Tetrachloro-m-xylene	117		30-150	B
Decachlorobiphenyl	148		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-12
Client ID: I15_6-8
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 15:10
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 18:25
Analyst: AKM
Percent Solids: 86%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.96	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-13
Client ID: A4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 15:15
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/28/24 18:02
Analyst: EJL
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 01:02
Cleanup Method: EPA 3620B
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.779	0.348	1	A
Alpha-BHC	ND		ug/kg	0.779	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.709	1	A
Heptachlor	ND		ug/kg	0.935	0.419	1	A
Aldrin	ND		ug/kg	1.87	0.658	1	A
Heptachlor epoxide	3.54		ug/kg	3.51	1.05	1	B
Endrin	ND		ug/kg	0.779	0.320	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.818	1	A
Endrin ketone	ND		ug/kg	1.87	0.482	1	A
Dieldrin	3.72		ug/kg	1.17	0.584	1	B
4,4'-DDE	94.3		ug/kg	1.87	0.432	1	B
4,4'-DDD	1.37	J	ug/kg	1.87	0.667	1	A
4,4'-DDT	30.6		ug/kg	1.87	1.50	1	B
Endosulfan I	ND		ug/kg	1.87	0.442	1	A
Endosulfan II	ND		ug/kg	1.87	0.625	1	A
Endosulfan sulfate	ND		ug/kg	0.779	0.371	1	A
Methoxychlor	ND		ug/kg	3.51	1.09	1	A
Toxaphene	ND		ug/kg	35.1	9.82	1	A
cis-Chlordane	4.31	IP	ug/kg	2.34	0.652	1	B
trans-Chlordane	3.44		ug/kg	2.34	0.617	1	B
Chlordane	ND		ug/kg	15.6	6.20	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-13 Date Collected: 05/22/24 15:15

Client ID: A4_0-0.2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	107		30-150	B
Decachlorobiphenyl	133		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-13
Client ID: A4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 15:15
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/28/24 18:44
Analyst: AKM
Percent Solids: 83%
Methylation Date: 05/27/24 15:40

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.3	1	A
2,4,5-T	ND		ug/kg	196	6.07	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	94		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-14
Client ID: A4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 15:20
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/28/24 18:14
Analyst: EJL
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/26/24 01:02
Cleanup Method: EPA 3620B
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.742	0.332	1	A
Alpha-BHC	ND		ug/kg	0.742	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.676	1	A
Heptachlor	ND		ug/kg	0.891	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.627	1	A
Heptachlor epoxide	4.07		ug/kg	3.34	1.00	1	B
Endrin	ND		ug/kg	0.742	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.780	1	A
Endrin ketone	ND		ug/kg	1.78	0.459	1	A
Dieldrin	4.61		ug/kg	1.11	0.557	1	B
4,4'-DDE	96.4		ug/kg	1.78	0.412	1	B
4,4'-DDD	1.30	J	ug/kg	1.78	0.636	1	A
4,4'-DDT	27.0		ug/kg	1.78	1.43	1	B
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	ND		ug/kg	1.78	0.595	1	A
Endosulfan sulfate	ND		ug/kg	0.742	0.353	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.35	1	A
cis-Chlordane	4.94	IP	ug/kg	2.23	0.621	1	B
trans-Chlordane	2.37	IP	ug/kg	2.23	0.588	1	A
Chlordane	ND		ug/kg	14.8	5.90	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-14 Date Collected: 05/22/24 15:20

Client ID: A4_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	128		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-14
Client ID: A4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 15:20
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/29/24 19:48
Analyst: MMG
Percent Solids: 85%
Methylation Date: 05/29/24 13:10

Extraction Method: EPA 8151A
Extraction Date: 05/28/24 06:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	190	12.0	1	A
2,4,5-T	ND		ug/kg	190	5.89	1	A
2,4,5-TP (Silvex)	ND		ug/kg	190	5.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	64		30-150	A
DCAA	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/27/24 10:30
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 05/24/24 14:27

Methylation Date: 05/25/24 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 05 Batch: WG1925554-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/27/24 15:48
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 05/25/24 10:51
Cleanup Method: EPA 3620B
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,06-08,11-14 Batch: WG1925833-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.652	0.291	A
Alpha-BHC	ND		ug/kg	0.652	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.593	A
Heptachlor	ND		ug/kg	0.782	0.351	A
Aldrin	ND		ug/kg	1.56	0.551	A
Heptachlor epoxide	ND		ug/kg	2.93	0.880	A
Endrin	ND		ug/kg	0.652	0.267	A
Endrin aldehyde	ND		ug/kg	1.96	0.684	A
Endrin ketone	ND		ug/kg	1.56	0.403	A
Dieldrin	ND		ug/kg	0.978	0.489	A
4,4'-DDE	ND		ug/kg	1.56	0.362	A
4,4'-DDD	ND		ug/kg	1.56	0.558	A
4,4'-DDT	ND		ug/kg	1.56	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.370	A
Endosulfan II	ND		ug/kg	1.56	0.523	A
Endosulfan sulfate	ND		ug/kg	0.652	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.913	A
Toxaphene	ND		ug/kg	29.3	8.21	A
cis-Chlordane	ND		ug/kg	1.96	0.545	A
trans-Chlordane	ND		ug/kg	1.96	0.516	A
Chlordane	ND		ug/kg	13.0	5.18	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/27/24 15:48
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 05/25/24 10:51
Cleanup Method: EPA 3620B
Cleanup Date: 05/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,06-08,11-14 Batch: WG1925833-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/28/24 11:18
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 09:30

Methylation Date: 05/27/24 15:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,06-08,11-13 Batch: WG1925999-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.04	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.32	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/28/24 08:18
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 05/27/24 09:48

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG1926164-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A
4,4'-DDT	ND		ug/l	0.029	0.003	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/28/24 08:18
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 05/27/24 09:48

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG1926164-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/28/24 08:50
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 05/27/24 12:06

Methylation Date: 05/28/24 01:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 14 Batch: WG1926192-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	77		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1925554-2 WG1925554-3									
2,4-D	103		102		30-150	1		25	A
2,4,5-T	111		108		30-150	3		25	A
2,4,5-TP (Silvex)	102		101		30-150	1		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	95		98		30-150	A
DCAA	109		118		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,06-08,11-14 Batch: WG1925833-2 WG1925833-3									
Delta-BHC	101		105		30-150	4		30	A
Lindane	90		91		30-150	1		30	A
Alpha-BHC	92		92		30-150	0		30	A
Beta-BHC	107		109		30-150	2		30	A
Heptachlor	86		87		30-150	1		30	A
Aldrin	90		91		30-150	1		30	A
Heptachlor epoxide	79		80		30-150	1		30	A
Endrin	90		93		30-150	3		30	A
Endrin aldehyde	86		88		30-150	2		30	A
Endrin ketone	111		115		30-150	4		30	A
Dieldrin	100		103		30-150	3		30	A
4,4'-DDE	94		97		30-150	3		30	A
4,4'-DDD	112		117		30-150	4		30	A
4,4'-DDT	92		96		30-150	4		30	A
Endosulfan I	89		91		30-150	2		30	A
Endosulfan II	96		101		30-150	5		30	A
Endosulfan sulfate	104		108		30-150	4		30	A
Methoxychlor	99		101		30-150	2		30	A
cis-Chlordane	85		87		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,06-08,11-14 Batch: WG1925833-2 WG1925833-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		77		30-150	A
Decachlorobiphenyl	84		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		85		30-150	B
Decachlorobiphenyl	79		84		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,06-08,11-14 Batch: WG1925833-2 WG1925833-3									
trans-Chlordane	104		107		30-150	3		30	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		77		30-150	A
Decachlorobiphenyl	84		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		85		30-150	B
Decachlorobiphenyl	79		84		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,06-08,11-13 Batch: WG1925999-2 WG1925999-3									
2,4-D	67		76		30-150	13		30	A
2,4,5-T	69		83		30-150	18		30	A
2,4,5-TP (Silvex)	67		81		30-150	19		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	61		72		30-150	A
DCAA	69		84		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1926164-2 WG1926164-3									
Delta-BHC	78		73		30-150	7		20	A
Lindane	82		76		30-150	8		20	A
Alpha-BHC	86		81		30-150	6		20	A
Beta-BHC	91		88		30-150	3		20	A
Heptachlor	82		76		30-150	8		20	A
Aldrin	82		77		30-150	7		20	A
Heptachlor epoxide	84		79		30-150	7		20	A
Endrin	86		81		30-150	5		20	A
Endrin aldehyde	85		81		30-150	5		20	A
Endrin ketone	95		91		30-150	5		20	A
Dieldrin	93		88		30-150	6		20	A
4,4'-DDE	85		80		30-150	6		20	A
4,4'-DDD	93		88		30-150	6		20	A
4,4'-DDT	90		89		30-150	1		20	A
Endosulfan I	84		80		30-150	5		20	A
Endosulfan II	92		85		30-150	8		20	A
Endosulfan sulfate	89		84		30-150	5		20	A
Methoxychlor	118		111		30-150	6		20	A
cis-Chlordane	79		75		30-150	5		20	A
trans-Chlordane	91		86		30-150	5		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1926164-2 WG1926164-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		69		30-150	A
Decachlorobiphenyl	97		94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		68		30-150	B
Decachlorobiphenyl	90		84		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 14 Batch: WG1926192-2 WG1926192-3									
2,4-D	83		87		30-150	5		30	A
2,4,5-T	91		95		30-150	4		30	A
2,4,5-TP (Silvex)	85		89		30-150	5		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	81		87		30-150	A
DCAA	90		95		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,06-08,11-14 QC Batch ID: WG1925833-4 WG1925833-5 QC Sample: L2428534-01 Client ID: G12_0-0.2													
Delta-BHC	ND	39	151	**387**	Q	117	**292**	Q	30-150	25		50	A
Lindane	ND	39	24.4	63		20.1	50		30-150	19		50	A
Alpha-BHC	ND	39	24.4	63		20.1	50		30-150	19		50	A
Beta-BHC	ND	39	28.1	72		23.4	58		30-150	18		50	A
Heptachlor	NDIP	39	29.8	76		23.9	60		30-150	22		50	B
Aldrin	ND	39	24.6	63		19.5	49		30-150	23		50	A
Heptachlor epoxide	140	39	174	87		138	**0**	Q	30-150	23		50	B
Endrin	ND	39	28.1	72		23.1	58		30-150	20		50	A
Endrin aldehyde	ND	39	27.5	71		21.8	54		30-150	23		50	A
Endrin ketone	ND	39	30.1	77		25.4	63		30-150	17		50	A
4,4'-DDE	24.4	39	59.6	90		45.9	54		30-150	26		50	B
4,4'-DDD	ND	39	32.8	84		27.4	68		30-150	18		50	A
4,4'-DDT	24.0	39	54.4	78		42.0	45		30-150	26		50	B
Endosulfan I	ND	39	25.3	65		20.2	50		30-150	22		50	A
Endosulfan II	ND	39	24.6	63		20.2	50		30-150	20		50	A
Endosulfan sulfate	ND	39	23.8	61		20.2	50		30-150	16		50	A
Methoxychlor	ND	39	29.0	74		24.5	61		30-150	17		50	A
cis-Chlordane	93.4IP	39	132	99		104IP	**27**	Q	30-150	24		50	B
trans-Chlordane	78.9	39	127P	123		109	75		30-150	15		50	B

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		41		30-150	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,06-08,11-14 QC Batch ID: WG1925833-4 WG1925833-5 QC Sample: L2428534-01 Client ID: G12_0-0.2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
Decachlorobiphenyl	55		46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		67		30-150	B
Decachlorobiphenyl	89		69		30-150	B

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,06-08,11-14 QC Batch ID: WG1925833-4 WG1925833-5 QC Sample: L2428534-01 Client ID: G12_0-0.2													
Dieldrin	791	39	970	**459**	Q	697	**0**	Q	30-150	33		50	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,06-08,11-13 QC Batch ID: WG1925999-4 WG1925999-5 QC Sample: L2428534-01 Client ID: G12_0-0.2													
2,4-D	ND	201	162J	81		184J	93		30-150	13		30	A
2,4,5-T	ND	201	183J	91		188J	95		30-150	3		30	A
2,4,5-TP (Silvex)	ND	201	163J	81		185J	93		30-150	13		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	77		90		30-150	A
DCAA	77		106		30-150	B

METALS

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-01
Client ID: G12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/22/24 09:35
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	9670		mg/kg	9.39	2.54	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Antimony, Total	0.546	J	mg/kg	4.70	0.357	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Arsenic, Total	111		mg/kg	0.939	0.195	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Barium, Total	44.4		mg/kg	0.939	0.163	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.323	J	mg/kg	0.470	0.031	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Cadmium, Total	1.60		mg/kg	0.939	0.092	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Calcium, Total	823		mg/kg	9.39	3.29	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Chromium, Total	86.1		mg/kg	0.939	0.090	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Cobalt, Total	4.12		mg/kg	1.88	0.156	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Copper, Total	12.3		mg/kg	0.939	0.242	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Iron, Total	11700		mg/kg	4.70	0.848	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Lead, Total	55.5		mg/kg	4.70	0.252	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Magnesium, Total	2210		mg/kg	9.39	1.45	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Manganese, Total	220		mg/kg	0.939	0.149	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Mercury, Total	1.68		mg/kg	0.080	0.052	1	05/29/24 23:33	05/30/24 13:56	EPA 7471B	1,7471B	MJR
Nickel, Total	9.44		mg/kg	2.35	0.227	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Potassium, Total	458		mg/kg	235	13.5	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Selenium, Total	0.337	J	mg/kg	1.88	0.242	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Silver, Total	0.506		mg/kg	0.470	0.266	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Sodium, Total	22.7	J	mg/kg	188	2.96	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Thallium, Total	ND		mg/kg	1.88	0.296	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Vanadium, Total	18.9		mg/kg	0.939	0.191	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM
Zinc, Total	73.0		mg/kg	4.70	0.275	2	05/29/24 22:28	05/30/24 10:48	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-02 Date Collected: 05/22/24 09:45

Client ID: G12_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12800		mg/kg	8.87	2.40	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Antimony, Total	0.473	J	mg/kg	4.44	0.337	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Arsenic, Total	5.53		mg/kg	0.887	0.184	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Barium, Total	68.4		mg/kg	0.887	0.154	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.425	J	mg/kg	0.444	0.029	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.096	J	mg/kg	0.887	0.087	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Calcium, Total	490		mg/kg	8.87	3.11	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Chromium, Total	21.3		mg/kg	0.887	0.085	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.15		mg/kg	1.77	0.147	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Copper, Total	17.6		mg/kg	0.887	0.229	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Iron, Total	19200		mg/kg	8.87	1.60	4	05/29/24 22:28	05/30/24 16:50	EPA 3050B	1,6010D	DHL
Lead, Total	4.72		mg/kg	4.44	0.238	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Magnesium, Total	4560		mg/kg	8.87	1.37	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Manganese, Total	255		mg/kg	0.887	0.141	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.071	0.046	1	05/29/24 23:33	05/30/24 15:42	EPA 7471B	1,7471B	MJR
Nickel, Total	15.4		mg/kg	2.22	0.215	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Potassium, Total	2390		mg/kg	222	12.8	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.77	0.229	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.444	0.251	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Sodium, Total	42.5	J	mg/kg	177	2.80	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Thallium, Total	0.630	J	mg/kg	1.77	0.280	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.7		mg/kg	0.887	0.180	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL
Zinc, Total	39.0		mg/kg	4.44	0.260	2	05/29/24 22:28	05/30/24 14:18	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-05
Client ID: FB-05222024
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/22/24 10:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/29/24 21:09	05/31/24 10:44	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/29/24 21:09	05/30/24 21:40	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00024	J	mg/l	0.00050	0.00016	1	05/29/24 21:09	05/30/24 21:40	EPA 3005A	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/29/24 21:09	05/30/24 21:40	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/29/24 21:09	05/30/24 21:40	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/29/24 21:09	05/30/24 21:40	EPA 3005A	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/29/24 21:09	05/30/24 21:40	EPA 3005A	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/29/24 21:09	05/31/24 10:44	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/29/24 21:09	05/30/24 21:40	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/29/24 21:09	05/30/24 21:40	EPA 3005A	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/29/24 21:09	05/30/24 21:40	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/29/24 21:09	05/31/24 10:44	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/29/24 21:09	05/30/24 21:40	EPA 3005A	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/29/24 21:09	05/30/24 21:40	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/29/24 23:18	05/30/24 14:10	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/29/24 21:09	05/30/24 21:40	EPA 3005A	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/29/24 21:09	05/31/24 10:44	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/29/24 21:09	05/30/24 21:40	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/29/24 21:09	05/30/24 21:40	EPA 3005A	1,6020B	NTB
Sodium, Total	0.0348	J	mg/l	0.100	0.0293	1	05/29/24 21:09	05/31/24 10:44	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/29/24 21:09	05/31/24 10:44	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/29/24 21:09	05/31/24 13:02	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/29/24 21:09	05/30/24 21:40	EPA 3005A	1,6020B	NTB

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-06 Date Collected: 05/22/24 10:05

Client ID: G12_9-11 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11100		mg/kg	8.72	2.35	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Antimony, Total	0.340	J	mg/kg	4.36	0.331	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.57		mg/kg	0.872	0.181	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Barium, Total	74.6		mg/kg	0.872	0.152	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.428	J	mg/kg	0.436	0.029	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.094	J	mg/kg	0.872	0.086	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Calcium, Total	1330		mg/kg	8.72	3.05	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Chromium, Total	24.1		mg/kg	0.872	0.084	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.84		mg/kg	1.74	0.145	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Copper, Total	18.7		mg/kg	0.872	0.225	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Iron, Total	18700		mg/kg	8.72	1.58	4	05/29/24 22:28	05/30/24 16:54	EPA 3050B	1,6010D	DHL
Lead, Total	5.22		mg/kg	4.36	0.234	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Magnesium, Total	4210		mg/kg	8.72	1.34	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Manganese, Total	395		mg/kg	0.872	0.139	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.071	0.046	1	05/29/24 23:33	05/30/24 15:45	EPA 7471B	1,7471B	MJR
Nickel, Total	15.2		mg/kg	2.18	0.211	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Potassium, Total	2340		mg/kg	218	12.6	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.74	0.225	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.436	0.247	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Sodium, Total	79.0	J	mg/kg	174	2.75	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Thallium, Total	0.425	J	mg/kg	1.74	0.275	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Vanadium, Total	24.0		mg/kg	0.872	0.177	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL
Zinc, Total	38.3		mg/kg	4.36	0.256	2	05/29/24 22:28	05/30/24 14:21	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-07
Client ID: I15_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/22/24 11:45
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	15700		mg/kg	9.82	2.65	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.91	0.373	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Arsenic, Total	36.1		mg/kg	0.982	0.204	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Barium, Total	60.4		mg/kg	0.982	0.171	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.624		mg/kg	0.491	0.032	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.127	J	mg/kg	0.982	0.096	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Calcium, Total	481		mg/kg	9.82	3.44	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Chromium, Total	28.5		mg/kg	0.982	0.094	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.92		mg/kg	1.96	0.163	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Copper, Total	15.2		mg/kg	0.982	0.254	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Iron, Total	16900		mg/kg	4.91	0.887	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Lead, Total	125		mg/kg	4.91	0.263	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Magnesium, Total	3120		mg/kg	9.82	1.51	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Manganese, Total	490		mg/kg	0.982	0.156	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Mercury, Total	0.159		mg/kg	0.085	0.056	1	05/29/24 23:33	05/30/24 15:48	EPA 7471B	1,7471B	MJR
Nickel, Total	13.5		mg/kg	2.46	0.238	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Potassium, Total	630		mg/kg	246	14.1	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Selenium, Total	0.362	J	mg/kg	1.96	0.254	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.491	0.278	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Sodium, Total	37.0	J	mg/kg	196	3.10	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.96	0.310	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.1		mg/kg	0.982	0.199	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL
Zinc, Total	54.9		mg/kg	4.91	0.288	2	05/29/24 22:28	05/30/24 14:25	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-08
Client ID: I15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/22/24 11:50
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13500		mg/kg	8.96	2.42	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.48	0.340	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Arsenic, Total	4.42		mg/kg	0.896	0.186	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Barium, Total	59.5		mg/kg	0.896	0.156	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.469		mg/kg	0.448	0.030	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.092	J	mg/kg	0.896	0.088	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Calcium, Total	682		mg/kg	8.96	3.14	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Chromium, Total	22.4		mg/kg	0.896	0.086	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.60		mg/kg	1.79	0.149	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Copper, Total	16.2		mg/kg	0.896	0.231	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Iron, Total	16800		mg/kg	4.48	0.809	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Lead, Total	10.1		mg/kg	4.48	0.240	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Magnesium, Total	3620		mg/kg	8.96	1.38	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Manganese, Total	322		mg/kg	0.896	0.142	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.079	0.051	1	05/29/24 23:33	05/30/24 15:51	EPA 7471B	1,7471B	MJR
Nickel, Total	14.1		mg/kg	2.24	0.217	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Potassium, Total	1270		mg/kg	224	12.9	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.79	0.231	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.448	0.254	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Sodium, Total	57.6	J	mg/kg	179	2.82	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Thallium, Total	0.446	J	mg/kg	1.79	0.282	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.1		mg/kg	0.896	0.182	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL
Zinc, Total	29.8		mg/kg	4.48	0.262	2	05/29/24 22:28	05/30/24 14:28	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-11
Client ID: DUP-05222024
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/22/24 12:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14800		mg/kg	9.65	2.60	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Antimony, Total	0.775	J	mg/kg	4.82	0.366	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Arsenic, Total	142		mg/kg	0.965	0.201	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Barium, Total	75.9		mg/kg	0.965	0.168	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.559		mg/kg	0.482	0.032	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Cadmium, Total	2.16		mg/kg	0.965	0.095	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Calcium, Total	1280		mg/kg	9.65	3.38	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Chromium, Total	123		mg/kg	0.965	0.093	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.72		mg/kg	1.93	0.160	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Copper, Total	20.6		mg/kg	0.965	0.249	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Iron, Total	18300		mg/kg	4.82	0.871	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Lead, Total	50.9		mg/kg	4.82	0.258	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Magnesium, Total	3650		mg/kg	9.65	1.48	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Manganese, Total	392		mg/kg	0.965	0.153	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Mercury, Total	1.43		mg/kg	0.085	0.055	1	05/29/24 23:33	05/30/24 15:55	EPA 7471B	1,7471B	MJR
Nickel, Total	15.3		mg/kg	2.41	0.233	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Potassium, Total	1130		mg/kg	241	13.9	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Selenium, Total	0.374	J	mg/kg	1.93	0.249	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Silver, Total	0.612		mg/kg	0.482	0.273	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Sodium, Total	46.1	J	mg/kg	193	3.04	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.93	0.304	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.2		mg/kg	0.965	0.196	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL
Zinc, Total	96.9		mg/kg	4.82	0.283	2	05/29/24 22:28	05/30/24 14:32	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-12
Client ID: I15_6-8
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/22/24 15:10
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7360		mg/kg	8.77	2.37	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.39	0.333	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.54		mg/kg	0.877	0.182	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Barium, Total	41.7		mg/kg	0.877	0.153	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.264	J	mg/kg	0.439	0.029	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.877	0.086	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Calcium, Total	1310		mg/kg	8.77	3.07	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Chromium, Total	11.8		mg/kg	0.877	0.084	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.40		mg/kg	1.75	0.146	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Copper, Total	12.8		mg/kg	0.877	0.226	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Iron, Total	12600		mg/kg	4.39	0.792	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Lead, Total	2.97	J	mg/kg	4.39	0.235	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Magnesium, Total	2520		mg/kg	8.77	1.35	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Manganese, Total	282		mg/kg	0.877	0.140	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.076	0.049	1	05/29/24 23:33	05/30/24 15:58	EPA 7471B	1,7471B	MJR
Nickel, Total	9.43		mg/kg	2.19	0.212	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Potassium, Total	978		mg/kg	219	12.6	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.75	0.226	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.439	0.248	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Sodium, Total	66.6	J	mg/kg	175	2.76	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.75	0.276	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Vanadium, Total	16.4		mg/kg	0.877	0.178	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL
Zinc, Total	23.2		mg/kg	4.39	0.257	2	05/29/24 22:28	05/30/24 15:04	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2428534
Project Number: 3858.0004Y000
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-13
Client ID: A4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/22/24 15:15
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15900		mg/kg	9.36	2.53	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.68	0.356	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Arsenic, Total	22.0		mg/kg	0.936	0.195	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Barium, Total	95.9		mg/kg	0.936	0.163	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.664		mg/kg	0.468	0.031	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.250	J	mg/kg	0.936	0.092	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Calcium, Total	1260		mg/kg	9.36	3.28	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Chromium, Total	27.4		mg/kg	0.936	0.090	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.96		mg/kg	1.87	0.155	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Copper, Total	20.6		mg/kg	0.936	0.242	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Iron, Total	21000		mg/kg	9.36	1.69	4	05/29/24 22:28	05/30/24 16:57	EPA 3050B	1,6010D	DHL
Lead, Total	79.2		mg/kg	4.68	0.251	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Magnesium, Total	4650		mg/kg	9.36	1.44	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Manganese, Total	416		mg/kg	0.936	0.149	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Mercury, Total	3.14		mg/kg	0.082	0.053	1	05/29/24 23:33	05/30/24 16:01	EPA 7471B	1,7471B	MJR
Nickel, Total	17.7		mg/kg	2.34	0.227	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Potassium, Total	1610		mg/kg	234	13.5	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.87	0.242	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.468	0.265	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Sodium, Total	39.8	J	mg/kg	187	2.95	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.87	0.295	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Vanadium, Total	32.8		mg/kg	0.936	0.190	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL
Zinc, Total	71.4		mg/kg	4.68	0.274	2	05/29/24 22:28	05/30/24 15:07	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428534

Project Number: 3858.0004Y000 **Report Date:** 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-14 Date Collected: 05/22/24 15:20

Client ID: A4_0.2-2 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14600		mg/kg	9.20	2.48	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Antimony, Total	0.353	J	mg/kg	4.60	0.350	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Arsenic, Total	17.7		mg/kg	0.920	0.191	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Barium, Total	88.2		mg/kg	0.920	0.160	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.625		mg/kg	0.460	0.030	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.227	J	mg/kg	0.920	0.090	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Calcium, Total	1090		mg/kg	9.20	3.22	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Chromium, Total	24.3		mg/kg	0.920	0.088	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.01		mg/kg	1.84	0.153	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Copper, Total	19.7		mg/kg	0.920	0.237	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Iron, Total	18600		mg/kg	9.20	1.66	4	05/29/24 22:28	05/30/24 17:01	EPA 3050B	1,6010D	DHL
Lead, Total	63.2		mg/kg	4.60	0.247	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Magnesium, Total	4270		mg/kg	9.20	1.42	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Manganese, Total	383		mg/kg	0.920	0.146	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Mercury, Total	2.77		mg/kg	0.074	0.048	1	05/29/24 23:33	05/30/24 16:05	EPA 7471B	1,7471B	MJR
Nickel, Total	16.9		mg/kg	2.30	0.223	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Potassium, Total	1570		mg/kg	230	13.2	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Selenium, Total	0.237	J	mg/kg	1.84	0.237	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.460	0.260	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Sodium, Total	39.6	J	mg/kg	184	2.90	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Thallium, Total	0.412	J	mg/kg	1.84	0.290	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Vanadium, Total	29.6		mg/kg	0.920	0.187	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL
Zinc, Total	61.9		mg/kg	4.60	0.270	2	05/29/24 22:28	05/30/24 15:10	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,06-08,11-14 Batch: WG1926606-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Antimony, Total	ND		mg/kg	2.00	0.152	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Barium, Total	ND		mg/kg	0.400	0.070	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Calcium, Total	ND		mg/kg	4.00	1.40	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Copper, Total	ND		mg/kg	0.400	0.103	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Iron, Total	0.986	J	mg/kg	2.00	0.361	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Lead, Total	ND		mg/kg	2.00	0.107	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Magnesium, Total	ND		mg/kg	4.00	0.616	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Manganese, Total	ND		mg/kg	0.400	0.064	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Nickel, Total	ND		mg/kg	1.00	0.097	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Potassium, Total	ND		mg/kg	100	5.76	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Silver, Total	ND		mg/kg	0.200	0.113	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Sodium, Total	ND		mg/kg	80.0	1.26	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Thallium, Total	ND		mg/kg	0.800	0.126	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM
Zinc, Total	ND		mg/kg	2.00	0.117	1	05/29/24 22:28	05/30/24 10:28	1,6010D	HJM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,06-08,11-14 Batch: WG1926614-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/29/24 23:33	05/30/24 13:49	1,7471B	MJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05 Batch: WG1927073-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/29/24 21:09	05/31/24 09:35	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Sodium, Total	0.0438	J	mg/l	0.100	0.0293	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/29/24 21:09	05/31/24 09:35	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/29/24 21:09	05/30/24 18:52	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05 Batch: WG1927074-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/29/24 23:18	05/30/24 13:16	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,06-08,11-14 Batch: WG1926606-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	97		-		80-120	-		
Arsenic, Total	93		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	99		-		80-120	-		
Cadmium, Total	95		-		80-120	-		
Calcium, Total	98		-		80-120	-		
Chromium, Total	95		-		80-120	-		
Cobalt, Total	96		-		80-120	-		
Copper, Total	97		-		80-120	-		
Iron, Total	100		-		80-120	-		
Lead, Total	95		-		80-120	-		
Magnesium, Total	95		-		80-120	-		
Manganese, Total	98		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	101		-		80-120	-		
Selenium, Total	97		-		80-120	-		
Silver, Total	98		-		80-120	-		
Sodium, Total	100		-		80-120	-		
Thallium, Total	95		-		80-120	-		
Vanadium, Total	96		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,06-08,11-14 Batch: WG1926606-2					
Zinc, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,06-08,11-14 Batch: WG1926614-2					
Mercury, Total	104	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1927073-2					
Aluminum, Total	102	-	80-120	-	
Antimony, Total	81	-	80-120	-	
Arsenic, Total	104	-	80-120	-	
Barium, Total	98	-	80-120	-	
Beryllium, Total	100	-	80-120	-	
Cadmium, Total	102	-	80-120	-	
Calcium, Total	99	-	80-120	-	
Chromium, Total	105	-	80-120	-	
Cobalt, Total	92	-	80-120	-	
Copper, Total	100	-	80-120	-	
Iron, Total	89	-	80-120	-	
Lead, Total	102	-	80-120	-	
Magnesium, Total	111	-	80-120	-	
Manganese, Total	95	-	80-120	-	
Nickel, Total	99	-	80-120	-	
Potassium, Total	112	-	80-120	-	
Selenium, Total	102	-	80-120	-	
Silver, Total	103	-	80-120	-	
Sodium, Total	105	-	80-120	-	
Thallium, Total	99	-	80-120	-	
Vanadium, Total	102	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1927073-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1927074-2					
Mercury, Total	106	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,06-08,11-14 QC Batch ID: WG1926606-3 WG1926606-4 QC Sample: L2428534-01 Client ID: G12_0-0.2												
Aluminum, Total	9670	189	9950	**148**	Q	9740	**37**	Q	75-125	2		20
Antimony, Total	0.546J	47.4	36.9	78		38.6	81		75-125	5		20
Arsenic, Total	111	11.4	125	123		109	**0**	Q	75-125	14		20
Barium, Total	44.4	189	220	93		220	92		75-125	0		20
Beryllium, Total	0.323J	4.74	4.77	101		4.78	101		75-125	0		20
Cadmium, Total	1.60	5.02	6.10	90		6.12	90		75-125	0		20
Calcium, Total	823	947	1660	88		1610	83		75-125	3		20
Chromium, Total	86.1	18.9	108	116		91.2	**27**	Q	75-125	17		20
Cobalt, Total	4.12	47.4	46.8	90		48.2	93		75-125	3		20
Copper, Total	12.3	23.7	35.4	98		34.4	93		75-125	3		20
Iron, Total	11700	94.7	12100	**422**	Q	11600	**0**	Q	75-125	4		20
Lead, Total	55.5	50.2	106	100		92.5	**74**	Q	75-125	14		20
Magnesium, Total	2210	947	3100	94		3180	102		75-125	3		20
Manganese, Total	220	47.4	278	122		247	**57**	Q	75-125	12		20
Nickel, Total	9.44	47.4	52.2	90		54.2	94		75-125	4		20
Potassium, Total	458	947	1360	95		1560	116		75-125	14		20
Selenium, Total	0.337J	11.4	11.1	98		11.3	99		75-125	2		20
Silver, Total	0.506	4.74	4.95	94		5.02	95		75-125	1		20
Sodium, Total	22.7J	947	908	96		914	96		75-125	1		20
Thallium, Total	ND	11.4	10.6	93		11.0	97		75-125	4		20
Vanadium, Total	18.9	47.4	63.0	93		64.2	95		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,06-08,11-14 QC Batch ID: WG1926606-3 WG1926606-4 QC Sample: L2428534-01 Client ID: G12_0-0.2												
Zinc, Total	73.0	47.4	117	93		113	84		75-125	3		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,06-08,11-14 QC Batch ID: WG1926614-3 WG1926614-4 QC Sample: L2428534-01 Client ID: G12_0-0.2												
Mercury, Total	1.68	1.56	3.61	**124**	Q	2.89	**75**	Q	80-120	**22**	Q	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1927073-3 WG1927073-4 QC Sample: L2428389-01 Client ID: MS Sample											
Aluminum, Total	0.004J	2	2.14	107		2.07	104		75-125	3	20
Antimony, Total	0.0014J	0.5	0.4006	80		0.4336	87		75-125	8	20
Arsenic, Total	0.0002J	0.12	0.1289	107		0.1256	105		75-125	3	20
Barium, Total	0.0673	2	2.045	99		2.124	103		75-125	4	20
Beryllium, Total	ND	0.05	0.05075	102		0.05154	103		75-125	2	20
Cadmium, Total	ND	0.053	0.05587	105		0.05594	106		75-125	0	20
Calcium, Total	61.6	10	70.8	92		72.0	104		75-125	2	20
Chromium, Total	ND	0.2	0.1656	83		0.1633	82		75-125	1	20
Cobalt, Total	ND	0.5	0.4672	93		0.4595	92		75-125	2	20
Copper, Total	ND	0.25	0.2463	98		0.2414	96		75-125	2	20
Iron, Total	ND	1	0.915	92		0.893	89		75-125	2	20
Lead, Total	ND	0.53	0.5589	105		0.5479	103		75-125	2	20
Magnesium, Total	6.39	10	18.2	118		18.1	117		75-125	1	20
Manganese, Total	0.01395	0.5	0.4972	97		0.4902	95		75-125	1	20
Nickel, Total	ND	0.5	0.4943	99		0.4822	96		75-125	2	20
Potassium, Total	1.06	10	12.4	113		12.3	112		75-125	1	20
Selenium, Total	ND	0.12	0.125	104		0.124	103		75-125	1	20
Silver, Total	ND	0.05	0.05200	104		0.05194	104		75-125	0	20
Sodium, Total	3.14	10	16.5	**134**	Q	16.4	**133**	Q	75-125	1	20
Thallium, Total	ND	0.12	0.09346	78		0.09204	77		75-125	2	20
Vanadium, Total	ND	0.5	0.4267	85		0.4205	84		75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1927073-3 WG1927073-4 QC Sample: L2428389-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5049	101	0.5134	103	75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1927074-3 QC Sample: L2428451-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00443	89	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1927074-4 QC Sample: L2428451-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2428534
Report Date: 05/31/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,06-08,11-14 QC Batch ID: WG1926606-6 QC Sample: L2428534-01 Client ID: G12_0-0.2						
Aluminum, Total	9670	9790	mg/kg	1		20
Arsenic, Total	111	104	mg/kg	6		20
Barium, Total	44.4	44.2	mg/kg	0		20
Calcium, Total	823	818	mg/kg	1		20
Chromium, Total	86.1	87.5	mg/kg	2		20
Iron, Total	11700	12100	mg/kg	3		20
Magnesium, Total	2210	2300	mg/kg	4		20
Manganese, Total	220	223	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-01
Client ID: G12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 09:35
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	05/23/24 10:15	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.971	0.194	1	05/31/24 08:52	05/31/24 11:29	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-02
Client ID: G12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 09:45
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	05/23/24 10:15	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	05/29/24 20:10	05/30/24 12:51	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.908	0.182	1	05/31/24 08:52	05/31/24 11:29	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-05
Client ID: FB-05222024
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Field Blank

Date Collected: 05/22/24 10:00
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/30/24 11:30	05/30/24 14:36	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/23/24 09:30	05/23/24 09:48	1,7196A	JBB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-06
Client ID: G12_9-11
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 10:05
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	05/23/24 10:15	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.22	1	05/29/24 20:10	05/30/24 13:07	1,9010C/9012B	JER
Chromium, Hexavalent	0.294	J	mg/kg	0.905	0.181	1	05/29/24 12:03	05/30/24 13:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-07
Client ID: I15_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 11:45
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	05/23/24 10:15	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.998	0.200	1	05/29/24 12:03	05/30/24 13:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-08
Client ID: I15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 11:50
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	05/23/24 10:15	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	05/29/24 20:10	05/30/24 12:52	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.936	0.187	1	05/29/24 12:03	05/30/24 13:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-11
Client ID: DUP-05222024
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 12:00
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	05/23/24 10:15	121,2540G	ROI
Cyanide, Total	0.33	J	mg/kg	1.2	0.24	1	05/29/24 20:10	05/30/24 12:55	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.990	0.198	1	05/29/24 12:03	05/30/24 13:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-12
Client ID: I15_6-8
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 15:10
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	05/23/24 10:15	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	05/29/24 20:10	05/30/24 12:56	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.926	0.185	1	05/29/24 12:03	05/30/24 13:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-13
Client ID: A4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 15:15
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	05/23/24 10:15	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.963	0.192	1	05/29/24 12:03	05/30/24 13:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

SAMPLE RESULTS

Lab ID: L2428534-14
Client ID: A4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 15:20
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	05/23/24 10:15	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	05/29/24 20:10	05/30/24 12:57	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.938	0.188	1	05/29/24 12:03	05/30/24 13:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428534
Report Date: 05/31/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1924911-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/23/24 09:30	05/23/24 09:46	1,7196A	JBB
General Chemistry - Westborough Lab for sample(s): 06-08,11-14 Batch: WG1926986-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	05/29/24 12:03	05/30/24 13:18	1,7196A	DTH
General Chemistry - Westborough Lab for sample(s): 02,08,11-12,14 Batch: WG1927236-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	05/29/24 20:10	05/30/24 12:47	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 06 Batch: WG1927237-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	05/29/24 20:10	05/30/24 12:47	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1927531-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/30/24 11:30	05/30/24 14:24	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1927993-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	05/31/24 08:52	05/31/24 11:29	1,7196A	RDS

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1924911-2								
Chromium, Hexavalent	100		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 06-08,11-14 Batch: WG1926986-2								
Chromium, Hexavalent	83		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,08,11-12,14 Batch: WG1927236-2 WG1927236-3								
Cyanide, Total	88		96		80-120	16		35
General Chemistry - Westborough Lab Associated sample(s): 06 Batch: WG1927237-2 WG1927237-3								
Cyanide, Total	88		96		80-120	16		35
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1927531-2 WG1927531-3								
Cyanide, Total	101		96		85-115	5		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1927993-2								
Chromium, Hexavalent	100		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1924911-4 QC Sample: L2428534-05 Client ID: FB-05222024												
Chromium, Hexavalent	ND	0.1	0.108	108		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 06-08,11-14 QC Batch ID: WG1926986-4 QC Sample: L2428534-06 Client ID: G12_9-11												
Chromium, Hexavalent	0.294J	1290	1130	87		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,08,11-12,14 QC Batch ID: WG1927236-4 WG1927236-5 QC Sample: L2428534-14 Client ID: A4_0.2-2												
Cyanide, Total	ND	12	11	95		9.6	88		75-125	14		35
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1927237-4 WG1927237-5 QC Sample: L2428590-03 Client ID: MS Sample												
Cyanide, Total	ND	12	11	92		11	93		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1927531-4 WG1927531-5 QC Sample: L2428469-02 Client ID: MS Sample												
Cyanide, Total	0.002J	0.2	0.164	82		0.097	**48**	Q	80-120	**51**	Q	20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1927993-4 WG1927993-5 QC Sample: L2428534-01 Client ID: G12_0-0.2												
Chromium, Hexavalent	ND	952	733	77		908	75		75-125	**21**	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428534

Report Date: 05/31/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,06-08,11-14 QC Batch ID: WG1924819-1 QC Sample: L2428534-01 Client ID: G12_0-0.2						
Solids, Total	82.4	82.5	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1924911-3 QC Sample: L2428534-05 Client ID: FB-05222024						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 06-08,11-14 QC Batch ID: WG1926986-6 QC Sample: L2428534-06 Client ID: G12_9-11						
Chromium, Hexavalent	0.294J	0.226J	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1927993-7 QC Sample: L2428534-01 Client ID: G12_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428534-01A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2428534-01A1	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2428534-01A2	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2428534-01B	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		HEXCR-7196(30)
L2428534-01B1	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		HEXCR-7196(30)
L2428534-01B2	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		HEXCR-7196(30)
L2428534-01C	Glass 500ml/16oz unpreserved	B	NA		4.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2428534-01C1	Glass 500ml/16oz unpreserved	B	NA		4.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2428534-01C2	Glass 500ml/16oz unpreserved	B	NA		4.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2428534-02A	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-02B	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-02C	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428534-02D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2428534-02E	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HEXCR-7196(30)
L2428534-02F	Plastic 2oz unpreserved for TS	C	NA		2.3	Y	Absent		TS(7)
L2428534-02G	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2428534-02X	Vial MeOH preserved split	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-02Y	Vial Water preserved split	C	NA		2.3	Y	Absent	23-MAY-24 13:00	NYTCL-8260HLW(14)
L2428534-02Z	Vial Water preserved split	C	NA		2.3	Y	Absent	23-MAY-24 13:00	NYTCL-8260HLW(14)
L2428534-03A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-METAL(180)
L2428534-03B	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2428534-03C	Glass 500ml/16oz unpreserved	B	NA		4.4	Y	Absent		HOLD-8081(14),HOLD-8082(14)
L2428534-04A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-METAL(180)
L2428534-04B	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2428534-04C	Glass 500ml/16oz unpreserved	B	NA		4.4	Y	Absent		HOLD-8081(14),HOLD-8082(14)
L2428534-05A	Vial HCl preserved	D	NA		2.1	Y	Absent		NYTCL-8260(14)
L2428534-05B	Vial HCl preserved	D	NA		2.1	Y	Absent		NYTCL-8260(14)
L2428534-05C	Vial HCl preserved	D	NA		2.1	Y	Absent		NYTCL-8260(14)
L2428534-05D	Amber 100ml unpreserved	D	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2428534-05E	Amber 100ml unpreserved	D	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2428534-05F	Amber 120ml unpreserved	D	7	7	2.1	Y	Absent		NYTCL-8081(7)
L2428534-05G	Amber 120ml unpreserved	D	7	7	2.1	Y	Absent		NYTCL-8081(7)
L2428534-05H	Amber 120ml unpreserved	D	7	7	2.1	Y	Absent		NYTCL-8082-LVI(365)
L2428534-05I	Amber 120ml unpreserved	D	7	7	2.1	Y	Absent		NYTCL-8082-LVI(365)
L2428534-05J	Plastic 250ml unpreserved	D	7	7	2.1	Y	Absent		HEXCR-7196(1)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428534-05K	Plastic 250ml HNO3 preserved	D	<2	<2	2.1	Y	Absent		BA-6020T(180),FE-6020T(180),TL-6020T(180),SE-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AG-6020T(180),MG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2428534-05L	Plastic 250ml NaOH preserved	D	>12	>12	2.1	Y	Absent		TCN-9010(14)
L2428534-05M	Amber 250ml unpreserved	D	7	7	2.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2428534-05N	Amber 250ml unpreserved	D	7	7	2.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2428534-05O	Amber 1000ml unpreserved	D	7	7	2.1	Y	Absent		HERB-APA(7)
L2428534-05P	Amber 1000ml unpreserved	D	7	7	2.1	Y	Absent		HERB-APA(7)
L2428534-06A	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-06B	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-06C	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-06D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2428534-06E	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HEXCR-7196(30)
L2428534-06F	Plastic 2oz unpreserved for TS	C	NA		2.3	Y	Absent		TS(7)
L2428534-06G	Glass 500ml/16oz unpreserved	C	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2428534-06X	Vial MeOH preserved split	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-06Y	Vial Water preserved split	C	NA		2.3	Y	Absent	23-MAY-24 13:00	NYTCL-8260HLW(14)
L2428534-06Z	Vial Water preserved split	C	NA		2.3	Y	Absent	23-MAY-24 13:00	NYTCL-8260HLW(14)
L2428534-07A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2428534-07B	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		HEXCR-7196(30)
L2428534-07C	Glass 500ml/16oz unpreserved	B	NA		4.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428534-08A	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-08B	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-08C	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-08D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2428534-08E	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HEXCR-7196(30)
L2428534-08F	Plastic 2oz unpreserved for TS	C	NA		2.3	Y	Absent		TS(7)
L2428534-08G	Glass 500ml/16oz unpreserved	C	NA		2.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2428534-08X	Vial MeOH preserved split	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-08Y	Vial Water preserved split	C	NA		2.3	Y	Absent	23-MAY-24 13:00	NYTCL-8260HLW(14)
L2428534-08Z	Vial Water preserved split	C	NA		2.3	Y	Absent	23-MAY-24 13:00	NYTCL-8260HLW(14)
L2428534-09A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-METAL(180)
L2428534-09B	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2428534-09C	Glass 500ml/16oz unpreserved	B	NA		4.4	Y	Absent		HOLD-8081(14),HOLD-8082(14)
L2428534-10A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-METAL(180)
L2428534-10B	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2428534-10C	Glass 500ml/16oz unpreserved	B	NA		4.4	Y	Absent		HOLD-8081(14),HOLD-8082(14)
L2428534-11A	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-11B	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-11C	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-11D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2428534-11E	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HEXCR-7196(30)
L2428534-11F	Plastic 2oz unpreserved for TS	C	NA		2.3	Y	Absent		TS(7)
L2428534-11G	Glass 500ml/16oz unpreserved	C	NA		2.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428534-11X	Vial MeOH preserved split	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-11Y	Vial Water preserved split	C	NA		2.3	Y	Absent	23-MAY-24 13:00	NYTCL-8260HLW(14)
L2428534-11Z	Vial Water preserved split	C	NA		2.3	Y	Absent	23-MAY-24 13:00	NYTCL-8260HLW(14)
L2428534-12A	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-12B	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-12C	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-12D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2428534-12E	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HEXCR-7196(30)
L2428534-12F	Plastic 2oz unpreserved for TS	C	NA		2.3	Y	Absent		TS(7)
L2428534-12G	Glass 500ml/16oz unpreserved	C	NA		2.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2428534-12X	Vial MeOH preserved split	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-12Y	Vial Water preserved split	C	NA		2.3	Y	Absent	23-MAY-24 13:00	NYTCL-8260HLW(14)
L2428534-12Z	Vial Water preserved split	C	NA		2.3	Y	Absent	23-MAY-24 13:00	NYTCL-8260HLW(14)
L2428534-13A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2428534-13B	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		HEXCR-7196(30)
L2428534-13C	Glass 500ml/16oz unpreserved	B	NA		4.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2428534-14A	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-14B	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-14C	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-14D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2428534-14E	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428534
Report Date: 05/31/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428534-14F	Plastic 2oz unpreserved for TS	C	NA		2.3	Y	Absent		TS(7)
L2428534-14G	Glass 500ml/16oz unpreserved	C	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2428534-14X	Vial MeOH preserved split	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2428534-14Y	Vial Water preserved split	C	NA		2.3	Y	Absent	23-MAY-24 13:00	NYTCL-8260HLW(14)
L2428534-14Z	Vial Water preserved split	C	NA		2.3	Y	Absent	23-MAY-24 13:00	NYTCL-8260HLW(14)
L2428534-15A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-METAL(180)
L2428534-15B	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2428534-15C	Glass 500ml/16oz unpreserved	B	NA		4.4	Y	Absent		HOLD-8081(14),HOLD-8082(14)
L2428534-16A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-METAL(180)
L2428534-16B	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2428534-16C	Glass 500ml/16oz unpreserved	B	NA		4.4	Y	Absent		HOLD-8081(14),HOLD-8082(14)
L2428534-17A	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260(14)
L2428534-17B	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428534
Project Number:	3858.0004Y000	**Report Date:**	05/31/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428534
Project Number:	3858.0004Y000	**Report Date:**	05/31/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428534
Project Number:	3858.0004Y000	**Report Date:**	05/31/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428534
Project Number:	3858.0004Y000	**Report Date:**	05/31/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 5/23/24

ALPHA Job #: L2428534

Client Information
Client: Roux
Address: 209 SHAFTER ST ISLANDIA, NY 11749
Phone: 631-232-2600
Fax:
Email: RLOMBARD@ROUXINC.COM

Project Information
Project Name: ELMWOOD PRESERVE
Project Location: 850 DOBBS FERRY ROAD
Project #: 3858.0004Y000
(Use Project name as Project #)
Project Manager: RON LOMBARD
ALPHAQuote #: 27525

Turn-Around Time
Standard [X] Due Date: STANDARD
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information
[X] Same as Client Info
PO #

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

[ ] These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 + TCL VOCs - 8260D	Part 375 + TCL SVOCs - 8270E	Part 375 TCL Pest - 8081B GC/ECD	Part 375 TAL Metals - 6020 (ICP-MS)	Total Cyanide - SM 4500	Part 375 TCL PCBs - 8082A			Sample Specific Comments	Total # Bottles
28534-01	G12-0-0.2	5/22/24	0935	S	EL			X	X					M2/M20	9
-02	G12-0.2-2	"	0945	S	EL	X	X	X	X	X	X				7
-03	G12-2-4	"	0950	S	EL			H	H					*HOLD	3
-04	G12-4-6	"	0955	S	EL			H	H					*HOLD	3
-05	FB-05222024	"	1000	W	EL	X	X	X	X	X	X				16
-06	G12-9-11	"	1005	S	EL	X	X	X	X	X	X				7
-07	I15-0-0.2	"	1145	S	EL			X	X						3
-08	I15-0.2-2	"	1150	S	EL	X	X	X	X	X	X				7
-09	I15-2-4	"	1500	S	EL			H	H					*HOLD	3
-10	I15-4-6	"	1505	S	EL			H	H					*HOLD	3

Container Type	E	A	A	A	A	A			
Preservative	A	A	A	A	A	A			

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/22/24 1540		5/22/24 15:50
	5/22/24 18:50		5/23/24 13:20
	5/22/24		5/22/24 2235
	5/25/24 0205		5/23/24 255

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 5/23/24

ALPHA Job #: L2428534

Client Information

Client: DUNX
Address: 209 SHAPTER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax:
Email: RLOMBINO@DUNXINC.COM

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 850 ROBBS FERRY ROAD
Project # 3858.0049000
(Use Project name as Project #)
Project Manager: RON LOMBINO
ALPHAQuote #: 21525

Turn-Around Time

Standard [X] Due Date: STANDARD
Rush (only if pre approved) [ ] # of Days:

Deliverables

[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information

[X] Same as Client Info
PO #

Regulatory Requirement

[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

[ ] These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Part 375 + 10 TICs TCL VOCs - 8260D
Part 375 + 20 TICs NYTCL SVOCs - 8270E TCL/TICs
Part 375 TCL Pest - 8081B 625LA
Part 375 Hex Cr 7196 TAL Metals - 6020 (Hg
Total Cyanide - SM4500
Part 375 TCL PCBs - 8082A

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments	Total Bottle
28534-11	DUP-05222024	5/22/24	1200	S	EL		7
-12	IS-6-8	"	1310	S	EL		7
-13	A4-0-0.2	"	1515	S	EL		3
-14	A4-0.2-2	"	1520	S	EL		7
-15	A4-2-4	"	1525	S	EL	*Hold	3
-16	A4-4-6	"	1530	S	EL	*Hold	3
-17	TB-05222024	5/20/24	-	W	EL		2

Container Type: E A A A A A
Preservative: A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/22/24 1540		5/22/24 15:50
	5/22/24 18:52		5/22/24 19:20
	5/23/24 0855		5/23/24 2230
	5/23/24 0855		5/23/24 2355

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2428535
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/12/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428535
Report Date: 06/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2428535-01	G12-0.2-2-P	SOIL	350 DOBBS FERRY ROAD	05/22/24 09:45	05/22/24
L2428535-02	G12-9-11-P	SOIL	350 DOBBS FERRY ROAD	05/22/24 10:05	05/22/24
L2428535-03	FB-05222024-P	WATER	350 DOBBS FERRY ROAD	05/22/24 10:25	05/22/24
L2428535-04	I15-0.2-2-P	SOIL	350 DOBBS FERRY ROAD	05/22/24 11:50	05/22/24
L2428535-05	I15-6-8-P	SOIL	350 DOBBS FERRY ROAD	05/22/24 13:10	05/22/24
L2428535-06	A4-0.2-2-P	SOIL	350 DOBBS FERRY ROAD	05/22/24 15:20	05/22/24
L2428535-07	DUP-05222024-P	SOIL	350 DOBBS FERRY ROAD	05/22/24 12:00	05/22/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428535
Project Number:	3858.0004Y000	**Report Date:**	06/12/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428535
Project Number:	3858.0004Y000	**Report Date:**	06/12/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by 1633

L2428535-03RE: The sample was re-extracted within holding time due to QC failures in the original extraction. The results of the re-extraction are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Ashley Boucher Ashley Boucher

Title: Technical Director/Representative Date: 06/12/24

ORGANICS

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-01
Client ID: G12-0.2-2-P
Sample Location: 350 DOBBS FERRY ROAD

Date Collected: 05/22/24 09:45
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/08/24 22:21
Analyst: SL
Percent Solids: 89%

Extraction Method: EPA 1633
Extraction Date: 06/07/24 11:00
Cleanup Method: EPA 1633
Cleanup Date: 06/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.299		ng/g	0.200	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428535

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-01 Date Collected: 05/22/24 09:45

Client ID: G12-0.2-2-P Date Received: 05/22/24

Sample Location: 350 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428535

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-01 Date Collected: 05/22/24 09:45

Client ID: G12-0.2-2-P Date Received: 05/22/24

Sample Location: 350 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	67		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	81		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	75		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	76		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	77		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	71		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	71		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	76		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	69		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	83		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	64		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	59		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	53		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	75		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	62		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	67		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	71		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-02
Client ID: G12-9-11-P
Sample Location: 350 DOBBS FERRY ROAD

Date Collected: 05/22/24 10:05
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/08/24 23:27
Analyst: SL
Percent Solids: 89%

Extraction Method: EPA 1633
Extraction Date: 06/07/24 11:00
Cleanup Method: EPA 1633
Cleanup Date: 06/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.079	J	ng/g	0.200	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428535

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-02 Date Collected: 05/22/24 10:05

Client ID: G12-9-11-P Date Received: 05/22/24

Sample Location: 350 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.999	0.144	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.504	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428535

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-02 Date Collected: 05/22/24 10:05

Client ID: G12-9-11-P Date Received: 05/22/24

Sample Location: 350 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	66		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	73		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	68		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	73		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	69		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	69		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	65		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	71		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	68		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	89		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	56		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	57		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-03 RE
Client ID: FB-05222024-P
Sample Location: 350 DOBBS FERRY ROAD

Date Collected: 05/22/24 10:25
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/11/24 20:17
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/11/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.49	1.04	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.25	0.868	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.62	0.544	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.49	1.70	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.62	0.479	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.62	0.284	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.62	0.325	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.62	0.390	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.62	0.706	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.49	2.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.62	0.438	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.62	0.511	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.62	0.739	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.62	0.657	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.49	2.52	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.62	0.503	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.62	0.885	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.62	0.706	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.62	0.373	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.62	0.438	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.62	0.877	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.62	0.747	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.62	0.609	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.62	0.430	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.49	0.909	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.49	1.02	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.62	0.617	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428535

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-03 RE
Client ID: FB-05222024-P
Sample Location: 350 DOBBS FERRY ROAD

Date Collected: 05/22/24 10:25
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.49	1.34	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.49	1.34	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.62	0.706	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.62	0.747	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.2	3.81	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.2	1.99	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.25	0.463	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.25	0.430	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.25	0.357	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.25	1.92	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.12	2.68	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.6	9.50	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.6	6.40	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428535

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-03 RE Date Collected: 05/22/24 10:25

Client ID: FB-05222024-P Date Received: 05/22/24

Sample Location: 350 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	68		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	66		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	65		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	93		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	63		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	62		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	59		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	65		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	70		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	56		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	55		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	50		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	80		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	47		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	55		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	62		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	38		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	40		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	88		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	83		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-04
Client ID: I15-0.2-2-P
Sample Location: 350 DOBBS FERRY ROAD
Date Collected: 05/22/24 11:50
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/08/24 23:40
Analyst: SL
Percent Solids: 88%

Extraction Method: EPA 1633
Extraction Date: 06/07/24 11:00
Cleanup Method: EPA 1633
Cleanup Date: 06/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059	1
Perfluorooctanoic Acid (PFOA)	0.122	J	ng/g	0.200	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428535

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-04 Date Collected: 05/22/24 11:50

Client ID: I15-0.2-2-P Date Received: 05/22/24

Sample Location: 350 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428535

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-04 Date Collected: 05/22/24 11:50

Client ID: I15-0.2-2-P Date Received: 05/22/24

Sample Location: 350 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	65		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	71		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	81		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	73		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	74		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	67		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	79		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	67		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	70		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	65		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	82		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	67		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	51		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	54		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	51		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	47		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	47		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	58		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	58		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-05
Client ID: I15-6-8-P
Sample Location: 350 DOBBS FERRY ROAD

Date Collected: 05/22/24 13:10
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/08/24 23:53
Analyst: SL
Percent Solids: 90%

Extraction Method: EPA 1633
Extraction Date: 06/07/24 11:00
Cleanup Method: EPA 1633
Cleanup Date: 06/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.799	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.081	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.280	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.387	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.146	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428535

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-05 Date Collected: 05/22/24 13:10

Client ID: I15-6-8-P Date Received: 05/22/24

Sample Location: 350 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.196	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.167	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.999	0.144	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.504	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428535

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-05 Date Collected: 05/22/24 13:10

Client ID: I15-6-8-P Date Received: 05/22/24

Sample Location: 350 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	53		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	61		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	59		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	62		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	63		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	65		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	61		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	57		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	69		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	66		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	64		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	68		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	72		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	62		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	50		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	54		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	40		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	60		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	44		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	47		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	56		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	58		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-06
Client ID: A4-0.2-2-P
Sample Location: 350 DOBBS FERRY ROAD

Date Collected: 05/22/24 15:20
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/09/24 21:38
Analyst: SL
Percent Solids: 83%

Extraction Method: EPA 1633
Extraction Date: 06/07/24 11:00
Cleanup Method: EPA 1633
Cleanup Date: 06/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.313	J	ng/g	0.800	0.050	1
Perfluoropentanoic Acid (PFPeA)	0.146	J	ng/g	0.400	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081	1
Perfluorohexanoic Acid (PFHxA)	0.083	J	ng/g	0.200	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.134	J	ng/g	0.200	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059	1
Perfluorooctanoic Acid (PFOA)	0.368		ng/g	0.200	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037	1
Perfluorononanoic Acid (PFNA)	0.268		ng/g	0.200	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	1.05		ng/g	0.200	0.079	1
Perfluorodecanoic Acid (PFDA)	0.138	J	ng/g	0.200	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100	1
Perfluoroundecanoic Acid (PFUnA)	0.155	J	ng/g	0.200	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082	1
Perfluorododecanoic Acid (PFDoA)	0.078	J	ng/g	0.200	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	0.061	J	ng/g	0.200	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428535

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-06 Date Collected: 05/22/24 15:20

Client ID: A4-0.2-2-P Date Received: 05/22/24

Sample Location: 350 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.999	0.144	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.504	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428535

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-06 Date Collected: 05/22/24 15:20

Client ID: A4-0.2-2-P Date Received: 05/22/24

Sample Location: 350 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	61		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	63		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	69		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	74		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	64		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	52		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	62		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	62		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	63		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	65		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	57		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	82		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	60		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	59		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	77		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	58		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	47		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	61		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	62		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-07
Client ID: DUP-05222024-P
Sample Location: 350 DOBBS FERRY ROAD

Date Collected: 05/22/24 12:00
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/09/24 21:51
Analyst: SL
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 06/07/24 11:00
Cleanup Method: EPA 1633
Cleanup Date: 06/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.062	J	ng/g	0.800	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037	1
Perfluorononanoic Acid (PFNA)	0.124	J	ng/g	0.200	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	4.88		ng/g	0.200	0.079	1
Perfluorodecanoic Acid (PFDA)	0.244		ng/g	0.200	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100	1
Perfluoroundecanoic Acid (PFUnA)	0.250		ng/g	0.200	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	0.074	J	ng/g	0.200	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082	1
Perfluorododecanoic Acid (PFDoA)	0.124	J	ng/g	0.200	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	0.086	J	ng/g	0.200	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428535

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-07 Date Collected: 05/22/24 12:00

Client ID: DUP-05222024-P Date Received: 05/22/24

Sample Location: 350 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428535

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-07 Date Collected: 05/22/24 12:00

Client ID: DUP-05222024-P Date Received: 05/22/24

Sample Location: 350 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	73		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	75		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	97		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	76		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	67		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	97		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	69		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	72		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	72		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	100		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	74		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	57		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	41		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	73		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	46		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	45		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	59		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	43		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	49		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	52		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	49		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/08/24 19:46
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/07/24 11:00
Cleanup Method: EPA 1633
Cleanup Date: 06/07/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02,04-07 Batch: WG1930996-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/08/24 19:46
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/07/24 11:00
Cleanup Method: EPA 1633
Cleanup Date: 06/07/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02,04-07 Batch: WG1930996-1					
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/08/24 19:46
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/07/24 11:00
Cleanup Method: EPA 1633
Cleanup Date: 06/07/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02,04-07 Batch: WG1930996-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	74		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	82		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	126		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	98		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	109		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	108		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	103		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	75		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	81		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	75		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	76		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	80		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	79		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/11/24 19:38
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/11/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1932412-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/11/24 19:38
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/11/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1932412-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/11/24 19:38
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/11/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1932412-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	127		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	102		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	85		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	127		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	102		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	81		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	111		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	89		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	56		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	81		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428535

Report Date: 06/12/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,04-07 Batch: WG1930996-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	125		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	131		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	124		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	123		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	121		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	138		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	130		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	124		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	133		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	134		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	147		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	135		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	135		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	135		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	125		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	100		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	134		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	119		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	79		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	120		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	132		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	129		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428535

Report Date: 06/12/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,04-07 Batch: WG1930996-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	128		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	125		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	126		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	142		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	75		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	78		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	62		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	133		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	115		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	119		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	129		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	116		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	132		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	128		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	126		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	126		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	107		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	71		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428535

Report Date: 06/12/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,04-07 Batch: WG1930996-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	74				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	108				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	94				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	74				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	66				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	92				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	57				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	60				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	51				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	75				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	59				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	67				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428535

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,04-07 Batch: WG1930996-3								
Perfluorobutanoic Acid (PFBA)	116		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	116		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	122		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	113		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	111		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	115		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	116		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	114		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	121		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	123		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	119		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	110		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	110		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	118		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	120		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	120		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	106		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	119		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	115		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	109		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	111		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	114		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428535

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,04-07 Batch: WG1930996-3								
Perfluorotridecanoic Acid (PFTrDA)	110		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	114		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	113		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	115		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	109		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	106		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	110		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	111		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	107		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	118		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	116		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	124		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	109		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	106		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	101		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	119		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	104		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	92		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428535

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,04-07 Batch: WG1930996-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	92				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	96				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	94				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	103				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	106				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	79				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	80				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	77				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	79				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	80				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	84				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428535

Report Date: 06/12/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1932412-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	114		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	118		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	115		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	115		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	121		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	123		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	116		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	111		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	118		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	124		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	113		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	115		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	133		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	115		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	119		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	102		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	96		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	112		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	107		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	113		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	124		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	118		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428535

Report Date: 06/12/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1932412-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	104		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	99		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	114		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	126		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	73		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	122		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	107		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	104		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	111		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	124		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	123		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	135		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	110		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	107		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	129		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	114		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	94		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	71		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428535

Report Date: 06/12/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1932412-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	131				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	100				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	113				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	90				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	88				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	63				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	54				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	53				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	73				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	71				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428535
Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1932412-3								
Perfluorobutanoic Acid (PFBA)	94		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	94		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	94		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	100		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	96		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	107		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	93		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	94		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	90		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	90		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	96		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	87		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	92		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	103		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	85		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	95		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	86		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	84		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	98		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	91		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	98		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428535
Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1932412-3								
Perfluorotridecanoic Acid (PFTrDA)	92		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	91		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	92		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	101		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	66		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	96		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	90		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	101		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	93		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	99		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	102		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	110		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	92		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	89		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	110		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	96		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	89		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	74		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428535

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1932412-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	132				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	95				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	92				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	101				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	95				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	106				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	96				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	83				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	94				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	64				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	66				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	96				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	101				20-150

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,04-07 QC Batch ID: WG1930996-4 WG1930996-5 QC Sample: L2428535-01 Client ID: G12-0.2-2-P												
Perfluorobutanoic Acid (PFBA)	ND	8	8.32	104		8.79	110		40-150	5		30
Perfluoropentanoic Acid (PFPeA)	ND	4	4.17	104		4.43	111		40-150	6		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.77	1.84	104		1.98	112		40-150	7		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	7.5	7.66	102		8.13	108		40-150	6		30
Perfluorohexanoic Acid (PFHxA)	ND	2	2.01	100		2.15	107		40-150	7		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.88	1.88	100		2.15	114		40-150	13		30
Perfluoroheptanoic Acid (PFHpA)	ND	2	2.10	105		2.20	110		40-150	5		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.83	1.69	92		2.00	109		40-150	17		30
Perfluorooctanoic Acid (PFOA)	ND	2	1.94	97		2.30	115		40-150	17		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	7.6	7.50	99		9.14	120		40-150	20		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.91	1.90	100		2.10	110		40-150	10		30
Perfluorononanoic Acid (PFNA)	ND	2	1.80	90		2.23	111		40-150	21		30
Perfluorooctanesulfonic Acid (PFOS)	0.299	1.86	2.09	97		2.38	112		40-150	13		30
Perfluorodecanoic Acid (PFDA)	ND	2	1.81	91		2.20	110		40-150	19		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.68	8.08	105		9.40	122		40-150	15		30
Perfluorononanesulfonic Acid (PFNS)	ND	1.92	1.86	97		2.12	110		40-150	13		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	2	1.69	85		2.17	108		40-150	25		30
Perfluoroundecanoic Acid (PFUnA)	ND	2	1.80	90		2.43	121		40-150	30		30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.93	1.60	83		2.06	107		40-150	25		30
Perfluorooctanesulfonamide (PFOSA)	ND	2	1.69	85		2.10	105		40-150	22		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2	1.84	92		2.40	120		40-150	26		30
Perfluorododecanoic Acid (PFDoA)	ND	2	1.80	90		2.39	119		40-150	28		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428535

Report Date: 06/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,04-07 QC Batch ID: WG1930996-4 WG1930996-5 QC Sample: L2428535-01 Client ID: G12-0.2-2-P												
Perfluorotridecanoic Acid (PFTrDA)	ND	2	1.77	89		2.18	109		40-150	21		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	2	1.87	94		2.28	114		40-150	20		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	8	7.95	99		8.93	112		40-150	12		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	7.56	7.75	103		8.42	111		40-150	8		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	1.94	1.59	82		1.95	101		40-150	20		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	7.48	6.74	90		8.23	110		40-150	20		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	7.56	6.30	83		7.74	102		40-150	21		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	2	1.72	86		2.28	114		40-150	28		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	2	1.76	88		2.39	119		40-150	30		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	20	17.6	88		22.1	110		40-150	23		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	20	18.4	92		23.2	116		40-150	23		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	4	4.36	109		4.71	118		40-150	8		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	4	3.94	99		4.23	106		40-150	7		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.56	3.48	98		3.68	103		40-150	6		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	4	3.86	97		4.17	104		40-150	8		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	10	9.59	96		10.3	103		40-150	7		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	50	37.4	75		43.9	88		40-150	16		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	50	31.7	63		41.2	82		40-150	26		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,04-07 QC Batch ID: WG1930996-4 WG1930996-5 QC Sample: L2428535-01 Client ID: G12-0.2-2-P

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76		70		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	80		74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	79		78		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	58		63		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		76		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	67		72		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57		64		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	82		77		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	67		69		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	73		70		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	59		60		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	66		70		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	72		68		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	63		64		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	68		68		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	70		66		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71		71		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		62		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	56		55		20-150
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	69		66		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	73		69		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	70		65		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	69		66		20-150

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428535

Report Date: 06/12/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,04-07 QC Batch ID: WG1930996-4 WG1930996-5 QC Sample: L2428535-01 Client ID: G12-0.2-2-P												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69		68		20-150

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-01
Client ID: G12-0.2-2-P
Sample Location: 350 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 09:45
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	88.8		%	0.100	0.100	1	-	05/24/24 11:36	121,2540G	KAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-02
Client ID: G12-9-11-P
Sample Location: 350 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 10:05
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	88.7		%	0.100	0.100	1	-	05/24/24 11:36	121,2540G	KAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-04
Client ID: I15-0.2-2-P
Sample Location: 350 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 11:50
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	87.6		%	0.100	0.100	1	-	05/24/24 11:36	121,2540G	KAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-05
Client ID: I15-6-8-P
Sample Location: 350 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 13:10
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	90.0		%	0.100	0.100	1	-	05/24/24 11:36	121,2540G	KAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-06
Client ID: A4-0.2-2-P
Sample Location: 350 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 15:20
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	83.1		%	0.100	0.100	1	-	05/24/24 11:36	121,2540G	KAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428535
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2428535-07
Client ID: DUP-05222024-P
Sample Location: 350 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 12:00
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	85.5		%	0.100	0.100	1	-	05/24/24 11:36	121,2540G	KAR

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428535

Report Date: 06/12/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Mansfield Lab Associated sample(s): 01-02,04-07 QC Batch ID: WG1925476-1 QC Sample: L2428224-01 Client ID: DUP Sample						
Solids, Total	81.7	81.5	%	0		10

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428535
Report Date: 06/12/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428535-01A	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		A2-TS(7)
L2428535-01B	Plastic 8oz unpreserved	A	NA		2.4	Y	Absent		A2-1633-DRAFT(90)
L2428535-02A	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		A2-TS(7)
L2428535-02B	Plastic 8oz unpreserved	A	NA		2.4	Y	Absent		A2-1633-DRAFT(90)
L2428535-03A	Plastic 500ml unpreserved	A	NA		2.4	Y	Absent		A2-1633-DRAFT(28)
L2428535-03B	Plastic 500ml unpreserved	A	NA		2.4	Y	Absent		A2-1633-DRAFT(28)
L2428535-04A	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		A2-TS(7)
L2428535-04B	Plastic 8oz unpreserved	A	NA		2.4	Y	Absent		A2-1633-DRAFT(90)
L2428535-05A	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		A2-TS(7)
L2428535-05B	Plastic 8oz unpreserved	A	NA		2.4	Y	Absent		A2-1633-DRAFT(90)
L2428535-06A	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		A2-TS(7)
L2428535-06B	Plastic 8oz unpreserved	A	NA		2.4	Y	Absent		A2-1633-DRAFT(90)
L2428535-07A	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		A2-TS(7)
L2428535-07B	Plastic 8oz unpreserved	A	NA		2.4	Y	Absent		A2-1633-DRAFT(90)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428535
Report Date: 06/12/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428535
Report Date: 06/12/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428535
Project Number:	3858.0004Y000	**Report Date:**	06/12/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428535
Project Number:	3858.0004Y000	**Report Date:**	06/12/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428535
Project Number:	3858.0004Y000	**Report Date:**	06/12/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428535
Project Number:	3858.0004Y000	**Report Date:**	06/12/24

REFERENCES

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/23/24

ALPHA Job #: L2428535

Client Information

Client: TRC
Address: 204 SHAFTER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax:
Email: RDOMBINO@TRCINC.COM

Project Information

Project Name: ELM2220 OFFSHORE
Project Location: 950 DOBBS FERRY ROAD
Project #: 36538.0004Y000
(Use Project name as Project #) ☐
Project Manager: RON LOMBINO
ALPHAQuote #: 24625

Turn-Around Time

Standard ☒ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

PFAS - USEPA 1633

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PFAS	Sample Specific Comments	Total Bottle
28535-01	GI2-0.2-2-P	5/22/24	0945	S	EL	X		2
-02	GI2-9-11-P	"	1005	S	EL	X		2
-03	PB-05222024-P	"	1025	W	EL	X		2
-04	IIS-0.2-2-P	"	1150	S	EL	X		2
-05	IIS-6-8-P	"	1510	S	EL	X		2
-06	AA-0.2-2-P	"	1520	S	EL	X		2
-07	DUP-05222024-P	"	1200	S	EL	X		2

Container Type: P
Preservative: A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/22/24 1340		5/22/24 15:48
	5/22/24 18:52		5/23/24 19:05
	5/23/24 0250		5/23/24 2236
			5/23/24 255

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2428918
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/03/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2428918-01	C5_0-0.2	SOIL	850 DOBBS FERRY ROAD	05/23/24 09:40	05/23/24
L2428918-02	C5_0.2-2	SOIL	850 DOBBS FERRY ROAD	05/23/24 10:30	05/23/24
L2428918-03	C5_2-4	SOIL	850 DOBBS FERRY ROAD	05/23/24 10:35	05/23/24
L2428918-04	C5_4-6	SOIL	850 DOBBS FERRY ROAD	05/23/24 10:45	05/23/24
L2428918-05	FB_05232024	FIELD BLANK	850 DOBBS FERRY ROAD	05/23/24 12:50	05/23/24
L2428918-06	A9_0-0.2	SOIL	850 DOBBS FERRY ROAD	05/23/24 12:55	05/23/24
L2428918-07	A9_0.2-2	SOIL	850 DOBBS FERRY ROAD	05/23/24 13:00	05/23/24
L2428918-08	A9_2-4	SOIL	850 DOBBS FERRY ROAD	05/23/24 13:05	05/23/24
L2428918-09	A9_4-6	SOIL	850 DOBBS FERRY ROAD	05/23/24 13:10	05/23/24
L2428918-10	C12_0-0.2	SOIL	850 DOBBS FERRY ROAD	05/23/24 13:40	05/23/24
L2428918-11	C12_0.2-2	SOIL	850 DOBBS FERRY ROAD	05/23/24 13:45	05/23/24
L2428918-12	C12_2-4	SOIL	850 DOBBS FERRY ROAD	05/23/24 13:50	05/23/24
L2428918-13	C12_4-6	SOIL	850 DOBBS FERRY ROAD	05/23/24 13:55	05/23/24
L2428918-14	A13_0-0.2	SOIL	850 DOBBS FERRY ROAD	05/23/24 14:30	05/23/24
L2428918-15	A13_0.2-2	SOIL	850 DOBBS FERRY ROAD	05/23/24 14:35	05/23/24
L2428918-16	A13_2-4	SOIL	850 DOBBS FERRY ROAD	05/23/24 14:40	05/23/24
L2428918-17	A13_4-6	SOIL	850 DOBBS FERRY ROAD	05/23/24 14:45	05/23/24
L2428918-18	A13_7-9	SOIL	850 DOBBS FERRY ROAD	05/23/24 14:50	05/23/24
L2428918-19	DUP_05232024	SOIL	850 DOBBS FERRY ROAD	05/23/24 12:00	05/23/24
L2428918-20	TB_05232024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD	05/20/24 00:00	05/23/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428918
Project Number:	3858.0004Y000	**Report Date:**	06/03/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428918
Project Number:	3858.0004Y000	**Report Date:**	06/03/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG1927292-3 LCSD recovery, associated with L2428918-05, is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Semivolatile Organics by SIM

L2428918-05: The Field Blank has a result for Naphthalene and 2-Methylnaphthalene present above the reporting limit. The sample was re-extracted with the method required holding time exceeded and was non-detect for this target compound. Only the results of the original analysis are reported.

Total Metals

L2428918-01, -02, -06, -07, -10, -11, -14, -15, -18 and -19: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1927216-3/-4 MS/MSD recoveries for aluminum (55%/1210%), iron (0%/0%), magnesium (72%/132%) and manganese (11%/24%), performed on L2428918-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1927217-3/-4 MS/MSD recoveries for mercury (122%/31%), performed on L2428918-01, do not apply because the sample concentration is greater than four times the spike amount added.

Cyanide, Total

The WG1927555-3 LCSD recovery for cyanide, total (79%), associated with L2428918-02 and -18, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428918
Project Number:	3858.0004Y000	**Report Date:**	06/03/24

Case Narrative (continued)

Hexavalent Chromium

The WG1927439-6 Soluble MS recovery for chromium, hexavalent (58%), performed on L2428918-01, was outside the acceptance criteria. This has been attributed to matrix interference. A post-spike was performed with a recovery of 90%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 06/03/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-02
Client ID: C5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 10:30
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/28/24 12:10
Analyst: MKS
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	0.82	J	ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-02 Date Collected: 05/23/24 10:30

Client ID: C5_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	10	J	ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.80	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-02 Date Collected: 05/23/24 10:30

Client ID: C5_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
1,4-Dioxane	ND		ug/kg	99	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1
Tentatively Identified Compounds						
Total TIC Compounds	8.33	J	ug/kg			1
Unknown	8.33	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-05
Client ID: FB_05232024
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 12:50
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8260D
Analytical Date: 05/28/24 20:43
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-05 Date Collected: 05/23/24 12:50

Client ID: FB_05232024 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-05 Date Collected: 05/23/24 12:50

Client ID: FB_05232024 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	112		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-07
Client ID: A9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/28/24 12:37
Analyst: MKS
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-07 Date Collected: 05/23/24 13:00

Client ID: A9_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.79	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-07 Date Collected: 05/23/24 13:00

Client ID: A9_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	7.74	J	ug/kg			1
Unknown	7.74	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-11
Client ID: C12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 13:45
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/28/24 13:04
Analyst: MKS
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.19	1
Benzene	ND		ug/kg	0.59	0.19	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-11 Date Collected: 05/23/24 13:45

Client ID: C12_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.24	1
p/m-Xylene	ND		ug/kg	2.3	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	5.8	J	ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-11 Date Collected: 05/23/24 13:45

Client ID: C12_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	12.1	J	ug/kg			1
Unknown	12.1	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**131**	Q	70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-15
Client ID: A13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 14:35
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/28/24 13:31
Analyst: MKS
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-15 Date Collected: 05/23/24 14:35

Client ID: A13_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-15 Date Collected: 05/23/24 14:35

Client ID: A13_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	8.04	J	ug/kg			1
Unknown	8.04	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-18
Client ID: A13_7-9
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 14:50
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/28/24 13:58
Analyst: MKS
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.17	1
Benzene	ND		ug/kg	0.53	0.17	1
Toluene	0.73	J	ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-18 Date Collected: 05/23/24 14:50

Client ID: A13_7-9 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
Xylenes, Total	ND		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	7.4	J	ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-18 Date Collected: 05/23/24 14:50

Client ID: A13_7-9 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	7.26	J	ug/kg			1
Unknown	7.26	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	96		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-20
Client ID: TB_05232024
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 00:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 05/28/24 21:05
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-20 Date Collected: 05/20/24 00:00

Client ID: TB_05232024 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-20 Date Collected: 05/20/24 00:00

Client ID: TB_05232024 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	112		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 20:21
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05,20 Batch: WG1927102-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 20:21
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05,20 Batch: WG1927102-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 20:21
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05,20 Batch: WG1927102-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 20:21
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05,20 Batch: WG1927102-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	112		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 08:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,07,11,15,18 Batch: WG1927115-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.3	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 08:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,07,11,15,18 Batch: WG1927115-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 08:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,07,11,15,18 Batch: WG1927115-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	11.5	J	ug/kg
Unknown	2.36	J	ug/kg
Unknown	2.04	J	ug/kg
Unknown	7.14	J	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/24 08:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,07,11,15,18 Batch: WG1927115-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05,20 Batch: WG1927102-3 WG1927102-4								
Methylene chloride	110		120		70-130	9		20
1,1-Dichloroethane	110		120		70-130	9		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	100		99		63-132	1		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	90		92		63-130	2		20
1,1,2-Trichloroethane	91		95		70-130	4		20
Tetrachloroethene	100		91		70-130	9		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	92		100		70-130	8		20
1,1,1-Trichloroethane	98		100		67-130	2		20
Bromodichloromethane	98		100		67-130	2		20
trans-1,3-Dichloropropene	85		89		70-130	5		20
cis-1,3-Dichloropropene	89		95		70-130	7		20
1,1-Dichloropropene	95		96		70-130	1		20
Bromoform	81		85		54-136	5		20
1,1,2,2-Tetrachloroethane	90		99		67-130	10		20
Benzene	110		110		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	120		130		64-130	8		20
Bromomethane	74		76		39-139	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05,20 Batch: WG1927102-3 WG1927102-4								
Vinyl chloride	120		120		55-140	0		20
Chloroethane	120		100		55-138	18		20
1,1-Dichloroethene	99		99		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	96		96		70-130	0		20
1,2-Dichlorobenzene	98		100		70-130	2		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	72		83		63-130	14		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	94		100		70-130	6		20
1,2,3-Trichloropropane	87		95		64-130	9		20
Acrylonitrile	90		100		70-130	11		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	84		91		58-148	8		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	71		97		63-138	**31**	Q	20
Vinyl acetate	94		110		70-130	16		20
4-Methyl-2-pentanone	66		80		59-130	19		20
2-Hexanone	64		76		57-130	17		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05,20 Batch: WG1927102-3 WG1927102-4								
Bromochloromethane	98		100		70-130	2		20
2,2-Dichloropropane	97		100		63-133	3		20
1,2-Dibromoethane	85		89		70-130	5		20
1,3-Dichloropropane	93		98		70-130	5		20
1,1,1,2-Tetrachloroethane	90		92		64-130	2		20
Bromobenzene	94		95		70-130	1		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	96		94		70-130	2		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	76		80		41-144	5		20
Hexachlorobutadiene	100		91		63-130	9		20
Isopropylbenzene	97		96		70-130	1		20
p-Isopropyltoluene	96		93		70-130	3		20
Naphthalene	79		83		70-130	5		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	95		94		70-130	1		20
1,2,4-Trichlorobenzene	96		94		70-130	2		20
1,3,5-Trimethylbenzene	95		95		64-130	0		20
1,2,4-Trimethylbenzene	96		97		70-130	1		20
1,4-Dioxane	68		72		56-162	6		20
p-Diethylbenzene	92		89		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05,20 Batch: WG1927102-3 WG1927102-4								
p-Ethyltoluene	97		96		70-130	1		20
1,2,4,5-Tetramethylbenzene	93		93		70-130	0		20
Ethyl ether	85		96		59-134	12		20
trans-1,4-Dichloro-2-butene	73		78		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		101		70-130
Toluene-d8	101		99		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	99		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,07,11,15,18 Batch: WG1927115-3 WG1927115-4								
Methylene chloride	76		73		70-130	4		30
1,1-Dichloroethane	97		95		70-130	2		30
Chloroform	96		95		70-130	1		30
Carbon tetrachloride	96		95		70-130	1		30
1,2-Dichloropropane	93		94		70-130	1		30
Dibromochloromethane	92		92		70-130	0		30
1,1,2-Trichloroethane	95		96		70-130	1		30
Tetrachloroethene	106		106		70-130	0		30
Chlorobenzene	99		99		70-130	0		30
Trichlorofluoromethane	90		83		70-139	8		30
1,2-Dichloroethane	96		98		70-130	2		30
1,1,1-Trichloroethane	102		100		70-130	2		30
Bromodichloromethane	90		92		70-130	2		30
trans-1,3-Dichloropropene	103		102		70-130	1		30
cis-1,3-Dichloropropene	96		98		70-130	2		30
1,1-Dichloropropene	99		98		70-130	1		30
Bromoform	83		83		70-130	0		30
1,1,2,2-Tetrachloroethane	92		91		70-130	1		30
Benzene	97		96		70-130	1		30
Toluene	99		96		70-130	3		30
Ethylbenzene	102		102		70-130	0		30
Chloromethane	92		85		52-130	8		30
Bromomethane	75		72		57-147	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,07,11,15,18 Batch: WG1927115-3 WG1927115-4								
Vinyl chloride	91		85		67-130	7		30
Chloroethane	90		85		50-151	6		30
1,1-Dichloroethene	87		82		65-135	6		30
trans-1,2-Dichloroethene	93		91		70-130	2		30
Trichloroethene	102		103		70-130	1		30
1,2-Dichlorobenzene	100		102		70-130	2		30
1,3-Dichlorobenzene	104		103		70-130	1		30
1,4-Dichlorobenzene	101		102		70-130	1		30
Methyl tert butyl ether	102		81		66-130	23		30
p/m-Xylene	100		100		70-130	0		30
o-Xylene	98		99		70-130	1		30
cis-1,2-Dichloroethene	94		96		70-130	2		30
Dibromomethane	93		93		70-130	0		30
Styrene	103		103		70-130	0		30
Dichlorodifluoromethane	92		83		30-146	10		30
Acetone	82		76		54-140	8		30
Carbon disulfide	85		80		59-130	6		30
2-Butanone	84		83		70-130	1		30
Vinyl acetate	97		89		70-130	9		30
4-Methyl-2-pentanone	89		89		70-130	0		30
1,2,3-Trichloropropane	94		92		68-130	2		30
2-Hexanone	93		94		70-130	1		30
Bromochloromethane	92		91		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,07,11,15,18 Batch: WG1927115-3 WG1927115-4								
2,2-Dichloropropane	106		104		70-130	2		30
1,2-Dibromoethane	96		96		70-130	0		30
1,3-Dichloropropane	98		98		69-130	0		30
1,1,1,2-Tetrachloroethane	97		98		70-130	1		30
Bromobenzene	96		96		70-130	0		30
n-Butylbenzene	108		110		70-130	2		30
sec-Butylbenzene	103		103		70-130	0		30
tert-Butylbenzene	99		99		70-130	0		30
o-Chlorotoluene	104		102		70-130	2		30
p-Chlorotoluene	104		103		70-130	1		30
1,2-Dibromo-3-chloropropane	85		85		68-130	0		30
Hexachlorobutadiene	95		93		67-130	2		30
Isopropylbenzene	100		100		70-130	0		30
p-Isopropyltoluene	103		104		70-130	1		30
Naphthalene	94		96		70-130	2		30
Acrylonitrile	89		85		70-130	5		30
n-Propylbenzene	104		103		70-130	1		30
1,2,3-Trichlorobenzene	97		96		70-130	1		30
1,2,4-Trichlorobenzene	102		103		70-130	1		30
1,3,5-Trimethylbenzene	101		101		70-130	0		30
1,2,4-Trimethylbenzene	103		102		70-130	1		30
1,4-Dioxane	84		88		65-136	5		30
p-Diethylbenzene	107		106		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,07,11,15,18 Batch: WG1927115-3 WG1927115-4								
p-Ethyltoluene	103		101		70-130	2		30
1,2,4,5-Tetramethylbenzene	101		101		70-130	0		30
Ethyl ether	81		79		67-130	3		30
trans-1,4-Dichloro-2-butene	107		108		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		103		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	94		96		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-02
Client ID: C5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 10:30
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/31/24 00:13
Analyst: LJG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 05/27/24 04:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-02 Date Collected: 05/23/24 10:30

Client ID: C5_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-02 Date Collected: 05/23/24 10:30

Client ID: C5_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	66		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-05
Client ID: FB_05232024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 12:50
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E
Analytical Date: 06/01/24 05:42
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 22:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-05 Date Collected: 05/23/24 12:50

Client ID: FB_05232024 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-05 Date Collected: 05/23/24 12:50

Client ID: FB_05232024 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	169	J	ug/l			1
Unknown	7.00	J	ug/l			1
Unknown	8.00	J	ug/l			1
Unknown	4.20	J	ug/l			1
Unknown	5.70	J	ug/l			1
Unknown	5.70	J	ug/l			1
Unknown	6.80	J	ug/l			1
Unknown	4.50	J	ug/l			1
Unknown	4.90	J	ug/l			1
Unknown	5.40	J	ug/l			1
Unknown	10.0	J	ug/l			1
Unknown	5.60	J	ug/l			1
Unknown	4.40	J	ug/l			1
Unknown	4.20	J	ug/l			1
Unknown	4.60	J	ug/l			1
Unknown	4.40	J	ug/l			1
Unknown	43.7	J	ug/l			1
Unknown	6.50	J	ug/l			1
Unknown	4.60	J	ug/l			1
Unknown	29.2	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	87		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2428918
Project Number: 3858.0004Y000
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-05
Client ID: FB_05232024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 12:50
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 05/30/24 19:36
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 18:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	36		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-05
Client ID: FB_05232024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 12:50
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/24 15:34
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 22:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.54		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.11		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-05 Date Collected: 05/23/24 12:50

Client ID: FB_05232024 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	83		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-07
Client ID: A9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/31/24 03:02
Analyst: LJG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/27/24 04:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-07 Date Collected: 05/23/24 13:00

Client ID: A9_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-07 Date Collected: 05/23/24 13:00

Client ID: A9_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1
Tentatively Identified Compounds						
Total TIC Compounds	635	J	ug/kg			1
Unknown Organic Acid	405	J	ug/kg			1
Unknown Organic Acid	230	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	80		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-11
Client ID: C12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 13:45
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/31/24 00:37
Analyst: LJG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 05/27/24 04:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-11 Date Collected: 05/23/24 13:45

Client ID: C12_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-11 Date Collected: 05/23/24 13:45

Client ID: C12_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
Total TIC Compounds	166	J	ug/kg			1
Unknown Amide	166	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	74		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-15
Client ID: A13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 14:35
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/31/24 02:38
Analyst: LJG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/27/24 04:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-15 Date Collected: 05/23/24 14:35

Client ID: A13_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-15 Date Collected: 05/23/24 14:35

Client ID: A13_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
Total TIC Compounds	636	J	ug/kg			1
Unknown	364	J	ug/kg			1
Unknown Organic Acid	272	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	70		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-18
Client ID: A13_7-9
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 14:50
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/31/24 01:01
Analyst: LJG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/27/24 04:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-18 Date Collected: 05/23/24 14:50

Client ID: A13_7-9 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-18 Date Collected: 05/23/24 14:50

Client ID: A13_7-9 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	81		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/29/24 02:54
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 05/27/24 04:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,07,11,15,18 Batch: WG1926120-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/29/24 02:54
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 05/27/24 04:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,07,11,15,18 Batch: WG1926120-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/29/24 02:54
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 05/27/24 04:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,07,11,15,18 Batch: WG1926120-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	89		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/30/24 15:39
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 18:26

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 05 Batch: WG1927161-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	32		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/30/24 11:22
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 22:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1927292-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/30/24 11:22
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 22:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1927292-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/30/24 11:22
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 22:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1927292-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	124	J	ug/l
Unknown	7.60	J	ug/l
Unknown	5.50	J	ug/l
Unknown	4.00	J	ug/l
Unknown	6.30	J	ug/l
Unknown	8.70	J	ug/l
Unknown	4.30	J	ug/l
Unknown	4.10	J	ug/l
Unknown	12.1	J	ug/l
Unknown	5.20	J	ug/l
Unknown	9.90	J	ug/l

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/30/24 11:22
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 22:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1927292-1					
Tentatively Identified Compounds					
Unknown	8.90	J	ug/l		
Unknown	4.70	J	ug/l		
Unknown	5.00	J	ug/l		
Unknown	6.70	J	ug/l		
Unknown	6.90	J	ug/l		
Unknown	4.50	J	ug/l		
Unknown	4.90	J	ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	74		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/30/24 15:53
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 22:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG1927293-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/30/24 15:53
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 22:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG1927293-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	77		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,07,11,15,18 Batch: WG1926120-2 WG1926120-3								
Acenaphthene	77		72		31-137	7		50
1,2,4-Trichlorobenzene	80		78		38-107	3		50
Hexachlorobenzene	80		73		40-140	9		50
Bis(2-chloroethyl)ether	77		76		40-140	1		50
2-Chloronaphthalene	82		76		40-140	8		50
1,2-Dichlorobenzene	74		74		40-140	0		50
1,3-Dichlorobenzene	71		70		40-140	1		50
1,4-Dichlorobenzene	72		71		28-104	1		50
3,3'-Dichlorobenzidine	77		67		40-140	14		50
2,4-Dinitrotoluene	89		82		40-132	8		50
2,6-Dinitrotoluene	90		83		40-140	8		50
Fluoranthene	92		82		40-140	11		50
4-Chlorophenyl phenyl ether	90		82		40-140	9		50
4-Bromophenyl phenyl ether	90		82		40-140	9		50
Bis(2-chloroisopropyl)ether	106		104		40-140	2		50
Bis(2-chloroethoxy)methane	78		76		40-117	3		50
Hexachlorobutadiene	90		88		40-140	2		50
Hexachlorocyclopentadiene	50		48		40-140	4		50
Hexachloroethane	73		73		40-140	0		50
Isophorone	80		77		40-140	4		50
Naphthalene	75		72		40-140	4		50
Nitrobenzene	80		76		40-140	5		50
NDPA/DPA	86		79		36-157	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,07,11,15,18 Batch: WG1926120-2 WG1926120-3								
n-Nitrosodi-n-propylamine	83		80		32-121	4		50
Bis(2-ethylhexyl)phthalate	70		63		40-140	11		50
Butyl benzyl phthalate	90		82		40-140	9		50
Di-n-butylphthalate	92		84		40-140	9		50
Di-n-octylphthalate	71		64		40-140	10		50
Diethyl phthalate	86		78		40-140	10		50
Dimethyl phthalate	88		82		40-140	7		50
Benzo(a)anthracene	84		78		40-140	7		50
Benzo(a)pyrene	82		75		40-140	9		50
Benzo(b)fluoranthene	78		72		40-140	8		50
Benzo(k)fluoranthene	82		73		40-140	12		50
Chrysene	79		72		40-140	9		50
Acenaphthylene	88		81		40-140	8		50
Anthracene	82		77		40-140	6		50
Benzo(ghi)perylene	84		77		40-140	9		50
Fluorene	85		78		40-140	9		50
Phenanthrene	80		74		40-140	8		50
Dibenzo(a,h)anthracene	83		76		40-140	9		50
Indeno(1,2,3-cd)pyrene	84		77		40-140	9		50
Pyrene	89		81		35-142	9		50
Biphenyl	74		68		37-127	8		50
4-Chloroaniline	82		76		40-140	8		50
2-Nitroaniline	82		76		47-134	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,07,11,15,18 Batch: WG1926120-2 WG1926120-3								
3-Nitroaniline	72		65		26-129	10		50
4-Nitroaniline	74		68		41-125	8		50
Dibenzofuran	83		75		40-140	10		50
2-Methylnaphthalene	83		78		40-140	6		50
1,2,4,5-Tetrachlorobenzene	82		78		40-117	5		50
Acetophenone	72		70		14-144	3		50
2,4,6-Trichlorophenol	94		90		30-130	4		50
p-Chloro-m-cresol	88		82		26-103	7		50
2-Chlorophenol	80		78		25-102	3		50
2,4-Dichlorophenol	84		81		30-130	4		50
2,4-Dimethylphenol	76		76		30-130	0		50
2-Nitrophenol	80		79		30-130	1		50
4-Nitrophenol	100		93		11-114	7		50
2,4-Dinitrophenol	66		60		4-130	10		50
4,6-Dinitro-o-cresol	86		78		10-130	10		50
Pentachlorophenol	78		72		17-109	8		50
Phenol	76		73		26-90	4		50
2-Methylphenol	82		79		30-130.	4		50
3-Methylphenol/4-Methylphenol	78		76		30-130	3		50
2,4,5-Trichlorophenol	96		90		30-130	6		50
Benzoic Acid	44		33		10-110	29		50
Benzyl Alcohol	86		82		40-140	5		50
Carbazole	84		77		54-128	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,07,11,15,18 Batch: WG1926120-2 WG1926120-3								
1,4-Dioxane	43		42		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		75		25-120
Phenol-d6	79		75		10-120
Nitrobenzene-d5	77		75		23-120
2-Fluorobiphenyl	80		73		30-120
2,4,6-Tribromophenol	74		67		10-136
4-Terphenyl-d14	85		76		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 05 Batch: WG1927161-2 WG1927161-3								
1,4-Dioxane	111		112		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	38		37		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1927292-2 WG1927292-3								
Acenaphthene	85		89		37-111	5		30
1,2,4-Trichlorobenzene	58		64		39-98	10		30
Hexachlorobenzene	82		88		40-140	7		30
Bis(2-chloroethyl)ether	75		81		40-140	8		30
2-Chloronaphthalene	71		74		40-140	4		30
1,2-Dichlorobenzene	63		70		40-140	11		30
1,3-Dichlorobenzene	62		68		40-140	9		30
1,4-Dichlorobenzene	62		67		36-97	8		30
3,3'-Dichlorobenzidine	114		120		40-140	5		30
2,4-Dinitrotoluene	100		95		48-143	5		30
2,6-Dinitrotoluene	88		91		40-140	3		30
Fluoranthene	106		104		40-140	2		30
4-Chlorophenyl phenyl ether	84		85		40-140	1		30
4-Bromophenyl phenyl ether	89		91		40-140	2		30
Bis(2-chloroisopropyl)ether	87		96		40-140	10		30
Bis(2-chloroethoxy)methane	80		87		40-140	8		30
Hexachlorobutadiene	56		59		40-140	5		30
Hexachlorocyclopentadiene	52		55		40-140	6		30
Hexachloroethane	59		64		40-140	8		30
Isophorone	78		86		40-140	10		30
Naphthalene	68		76		40-140	11		30
Nitrobenzene	73		80		40-140	9		30
NDPA/DPA	99		103		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1927292-2 WG1927292-3								
n-Nitrosodi-n-propylamine	78		84		29-132	7		30
Bis(2-ethylhexyl)phthalate	138		138		40-140	0		30
Butyl benzyl phthalate	125		129		40-140	3		30
Di-n-butylphthalate	112		113		40-140	1		30
Di-n-octylphthalate	**142**	Q	**144**	Q	40-140	1		30
Diethyl phthalate	109		106		40-140	3		30
Dimethyl phthalate	95		94		40-140	1		30
Benzo(a)anthracene	106		106		40-140	0		30
Benzo(a)pyrene	117		114		40-140	3		30
Benzo(b)fluoranthene	115		114		40-140	1		30
Benzo(k)fluoranthene	112		107		40-140	5		30
Chrysene	108		104		40-140	4		30
Acenaphthylene	77		82		45-123	6		30
Anthracene	99		102		40-140	3		30
Benzo(ghi)perylene	109		110		40-140	1		30
Fluorene	88		91		40-140	3		30
Phenanthrene	96		98		40-140	2		30
Dibenzo(a,h)anthracene	113		113		40-140	0		30
Indeno(1,2,3-cd)pyrene	118		123		40-140	4		30
Pyrene	102		102		26-127	0		30
Biphenyl	78		80		40-140	3		30
4-Chloroaniline	74		74		40-140	0		30
2-Nitroaniline	92		92		52-143	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1927292-2 WG1927292-3								
3-Nitroaniline	95		94		25-145	1		30
4-Nitroaniline	97		99		51-143	2		30
Dibenzofuran	86		86		40-140	0		30
2-Methylnaphthalene	70		73		40-140	4		30
1,2,4,5-Tetrachlorobenzene	67		68		2-134	1		30
Acetophenone	92		99		39-129	7		30
2,4,6-Trichlorophenol	90		40		30-130	**77**	Q	30
p-Chloro-m-cresol	83		82		23-97	1		30
2-Chlorophenol	73		51		27-123	**35**	Q	30
2,4-Dichlorophenol	83		56		30-130	**39**	Q	30
2,4-Dimethylphenol	87		92		30-130	6		30
2-Nitrophenol	86		56		30-130	**42**	Q	30
4-Nitrophenol	60		22		10-80	**93**	Q	30
2,4-Dinitrophenol	88		46		20-130	**63**	Q	30
4,6-Dinitro-o-cresol	113		51		20-164	**76**	Q	30
Pentachlorophenol	91		42		9-103	**74**	Q	30
Phenol	35		31		12-110	12		30
2-Methylphenol	63		68		30-130	8		30
3-Methylphenol/4-Methylphenol	65		66		30-130	2		30
2,4,5-Trichlorophenol	94		48		30-130	**65**	Q	30
Benzoic Acid	36		**0**	Q	10-164	NC		30
Benzyl Alcohol	64		69		26-116	8		30
Carbazole	103		105		55-144	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1927292-2 WG1927292-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	41		22		21-120
Phenol-d6	29		25		10-120
Nitrobenzene-d5	68		71		23-120
2-Fluorobiphenyl	63		64		15-120
2,4,6-Tribromophenol	88		47		10-120
4-Terphenyl-d14	83		84		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG1927293-2 WG1927293-3								
Acenaphthene	91		88		40-140	3		40
2-Chloronaphthalene	76		75		40-140	1		40
Fluoranthene	106		102		40-140	4		40
Hexachlorobutadiene	64		61		40-140	5		40
Naphthalene	74		77		40-140	4		40
Benzo(a)anthracene	113		109		40-140	4		40
Benzo(a)pyrene	124		117		40-140	6		40
Benzo(b)fluoranthene	121		113		40-140	7		40
Benzo(k)fluoranthene	125		118		40-140	6		40
Chrysene	109		109		40-140	0		40
Acenaphthylene	85		84		40-140	1		40
Anthracene	102		99		40-140	3		40
Benzo(ghi)perylene	123		116		40-140	6		40
Fluorene	93		90		40-140	3		40
Phenanthrene	110		100		40-140	10		40
Dibenzo(a,h)anthracene	132		128		40-140	3		40
Indeno(1,2,3-cd)pyrene	136		127		40-140	7		40
Pyrene	104		101		40-140	3		40
2-Methylnaphthalene	76		76		40-140	0		40
Pentachlorophenol	86		**31**	Q	40-140	**94**	Q	40
Hexachlorobenzene	102		95		40-140	7		40
Hexachloroethane	65		63		40-140	3		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG1927293-2 WG1927293-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	47		22		21-120
Phenol-d6	34		27		10-120
Nitrobenzene-d5	77		78		23-120
2-Fluorobiphenyl	70		66		15-120
2,4,6-Tribromophenol	78		40		10-120
4-Terphenyl-d14	82		79		41-149

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-02
Client ID: C5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 10:30
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/28/24 17:05
Analyst: EMR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 05/27/24 03:51
Cleanup Method: EPA 3665A
Cleanup Date: 05/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.8	4.60	1	A
Aroclor 1221	ND		ug/kg	51.8	5.19	1	A
Aroclor 1232	ND		ug/kg	51.8	11.0	1	A
Aroclor 1242	ND		ug/kg	51.8	6.99	1	A
Aroclor 1248	ND		ug/kg	51.8	7.78	1	A
Aroclor 1254	ND		ug/kg	51.8	5.67	1	A
Aroclor 1260	ND		ug/kg	51.8	9.58	1	A
Aroclor 1262	ND		ug/kg	51.8	6.58	1	A
Aroclor 1268	ND		ug/kg	51.8	5.37	1	A
PCBs, Total	ND		ug/kg	51.8	4.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-05
Client ID: FB_05232024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 12:50
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8082A
Analytical Date: 05/31/24 10:06
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/30/24 23:56
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-07
Client ID: A9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/28/24 17:17
Analyst: EMR
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/27/24 03:51
Cleanup Method: EPA 3665A
Cleanup Date: 05/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.9	5.05	1	A
Aroclor 1221	ND		ug/kg	56.9	5.70	1	A
Aroclor 1232	ND		ug/kg	56.9	12.0	1	A
Aroclor 1242	ND		ug/kg	56.9	7.66	1	A
Aroclor 1248	ND		ug/kg	56.9	8.53	1	A
Aroclor 1254	ND		ug/kg	56.9	6.22	1	A
Aroclor 1260	ND		ug/kg	56.9	10.5	1	A
Aroclor 1262	ND		ug/kg	56.9	7.22	1	A
Aroclor 1268	ND		ug/kg	56.9	5.89	1	A
PCBs, Total	ND		ug/kg	56.9	5.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-11
Client ID: C12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 13:45
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/28/24 17:28
Analyst: EMR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 05/27/24 03:51
Cleanup Method: EPA 3665A
Cleanup Date: 05/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.1	4.71	1	A
Aroclor 1221	ND		ug/kg	53.1	5.32	1	A
Aroclor 1232	ND		ug/kg	53.1	11.2	1	A
Aroclor 1242	ND		ug/kg	53.1	7.15	1	A
Aroclor 1248	ND		ug/kg	53.1	7.96	1	A
Aroclor 1254	ND		ug/kg	53.1	5.80	1	A
Aroclor 1260	ND		ug/kg	53.1	9.81	1	A
Aroclor 1262	ND		ug/kg	53.1	6.74	1	A
Aroclor 1268	ND		ug/kg	53.1	5.50	1	A
PCBs, Total	ND		ug/kg	53.1	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-15
Client ID: A13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 14:35
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/28/24 17:40
Analyst: EMR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/27/24 03:51
Cleanup Method: EPA 3665A
Cleanup Date: 05/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.4	4.92	1	A
Aroclor 1221	ND		ug/kg	55.4	5.56	1	A
Aroclor 1232	ND		ug/kg	55.4	11.8	1	A
Aroclor 1242	ND		ug/kg	55.4	7.47	1	A
Aroclor 1248	ND		ug/kg	55.4	8.32	1	A
Aroclor 1254	ND		ug/kg	55.4	6.06	1	A
Aroclor 1260	ND		ug/kg	55.4	10.2	1	A
Aroclor 1262	ND		ug/kg	55.4	7.04	1	A
Aroclor 1268	ND		ug/kg	55.4	5.74	1	A
PCBs, Total	ND		ug/kg	55.4	4.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-18
Client ID: A13_7-9
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 14:50
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/28/24 17:52
Analyst: EMR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/27/24 03:51
Cleanup Method: EPA 3665A
Cleanup Date: 05/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.1	4.80	1	A
Aroclor 1221	ND		ug/kg	54.1	5.42	1	A
Aroclor 1232	ND		ug/kg	54.1	11.5	1	A
Aroclor 1242	ND		ug/kg	54.1	7.29	1	A
Aroclor 1248	ND		ug/kg	54.1	8.12	1	A
Aroclor 1254	ND		ug/kg	54.1	5.92	1	A
Aroclor 1260	ND		ug/kg	54.1	10.0	1	A
Aroclor 1262	ND		ug/kg	54.1	6.87	1	A
Aroclor 1268	ND		ug/kg	54.1	5.61	1	A
PCBs, Total	ND		ug/kg	54.1	4.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/28/24 19:12
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 05/27/24 03:51
Cleanup Method: EPA 3665A
Cleanup Date: 05/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,07,11,15,18 Batch: WG1926119-1						
Aroclor 1016	ND		ug/kg	49.3	4.37	A
Aroclor 1221	ND		ug/kg	49.3	4.94	A
Aroclor 1232	ND		ug/kg	49.3	10.4	A
Aroclor 1242	ND		ug/kg	49.3	6.64	A
Aroclor 1248	ND		ug/kg	49.3	7.39	A
Aroclor 1254	ND		ug/kg	49.3	5.39	A
Aroclor 1260	ND		ug/kg	49.3	9.10	A
Aroclor 1262	ND		ug/kg	49.3	6.26	A
Aroclor 1268	ND		ug/kg	49.3	5.10	A
PCBs, Total	ND		ug/kg	49.3	4.37	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/30/24 10:14
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 05/30/24 05:51
Cleanup Method: EPA 3665A
Cleanup Date: 05/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05 Batch: WG1927377-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	116		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	134		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,07,11,15,18 Batch: WG1926119-2 WG1926119-3									
Aroclor 1016	77		78		40-140	1		50	A
Aroclor 1260	71		72		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		79		30-150	A
Decachlorobiphenyl	90		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		81		30-150	B
Decachlorobiphenyl	88		89		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05 Batch: WG1927377-2 WG1927377-3									
Aroclor 1016	82		80		40-140	3		50	A
Aroclor 1260	79		75		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		88		30-150	A
Decachlorobiphenyl	108		103		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		88		30-150	B
Decachlorobiphenyl	130		132		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-01
Client ID: C5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 09:40
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/29/24 15:06
Analyst: SID
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/27/24 04:38
Cleanup Method: EPA 3620B
Cleanup Date: 05/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.365	1	A
Lindane	ND		ug/kg	0.776	0.347	1	A
Alpha-BHC	ND		ug/kg	0.776	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.706	1	A
Heptachlor	ND		ug/kg	0.932	0.418	1	A
Aldrin	ND		ug/kg	1.86	0.656	1	A
Heptachlor epoxide	100		ug/kg	3.49	1.05	1	B
Endrin	ND		ug/kg	0.776	0.318	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.815	1	A
Endrin ketone	ND		ug/kg	1.86	0.480	1	A
Dieldrin	127		ug/kg	1.16	0.582	1	B
4,4'-DDE	186		ug/kg	1.86	0.431	1	B
4,4'-DDD	ND		ug/kg	1.86	0.664	1	A
4,4'-DDT	84.8		ug/kg	1.86	1.50	1	B
Endosulfan I	ND		ug/kg	1.86	0.440	1	A
Endosulfan II	ND		ug/kg	1.86	0.623	1	A
Endosulfan sulfate	ND		ug/kg	0.776	0.370	1	A
Methoxychlor	ND		ug/kg	3.49	1.09	1	A
Toxaphene	ND		ug/kg	34.9	9.78	1	A
cis-Chlordane	66.0	IP	ug/kg	2.33	0.649	1	B
trans-Chlordane	31.8	IP	ug/kg	2.33	0.615	1	A
Chlordane	ND		ug/kg	15.5	6.17	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-01 Date Collected: 05/23/24 09:40

Client ID: C5_0-0.2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	116		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2428918
Project Number: 3858.0004Y000
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-01
Client ID: C5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 09:40
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/31/24 10:33
Analyst: RMP
Percent Solids: 84%
Methylation Date: 05/31/24 04:13

Extraction Method: EPA 8151A
Extraction Date: 05/30/24 07:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.02	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.17	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	75		30-150	A
DCAA	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-02
Client ID: C5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 10:30
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/30/24 17:00
Analyst: EJL
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 05/28/24 11:58
Cleanup Method: EPA 3620B
Cleanup Date: 05/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.692	0.309	1	A
Alpha-BHC	ND		ug/kg	0.692	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.630	1	A
Heptachlor	ND		ug/kg	0.831	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.585	1	A
Heptachlor epoxide	2.56	J	ug/kg	3.12	0.934	1	B
Endrin	ND		ug/kg	0.692	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.727	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	2.96		ug/kg	1.04	0.519	1	A
4,4'-DDE	2.04		ug/kg	1.66	0.384	1	A
4,4'-DDD	ND		ug/kg	1.66	0.592	1	A
4,4'-DDT	ND		ug/kg	1.66	1.34	1	B
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.555	1	A
Endosulfan sulfate	ND		ug/kg	0.692	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.969	1	A
Toxaphene	ND		ug/kg	31.2	8.72	1	A
cis-Chlordane	1.51	JIP	ug/kg	2.08	0.579	1	B
trans-Chlordane	0.761	JIP	ug/kg	2.08	0.548	1	B
Chlordane	ND		ug/kg	13.8	5.50	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-02 Date Collected: 05/23/24 10:30

Client ID: C5_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-02
Client ID: C5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 10:30
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/31/24 11:28
Analyst: RMP
Percent Solids: 96%
Methylation Date: 05/31/24 04:13

Extraction Method: EPA 8151A
Extraction Date: 05/30/24 07:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	171	10.8	1	A
2,4,5-T	ND		ug/kg	171	5.29	1	A
2,4,5-TP (Silvex)	ND		ug/kg	171	4.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	76		30-150	A
DCAA	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-05
Client ID: FB_05232024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 12:50
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 05/31/24 09:54
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 05/30/24 10:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-05 Date Collected: 05/23/24 12:50

Client ID: FB_05232024 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-05
Client ID: FB_05232024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 12:50
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 05/27/24 18:14
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 05/24/24 14:27

Methylation Date: 05/25/24 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	91		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-06
Client ID: A9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 12:55
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/29/24 15:39
Analyst: SID
Percent Solids: 57%

Extraction Method: EPA 3546
Extraction Date: 05/27/24 04:38
Cleanup Method: EPA 3620B
Cleanup Date: 05/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.66	0.522	1	A
Lindane	ND		ug/kg	1.11	0.496	1	A
Alpha-BHC	ND		ug/kg	1.11	0.315	1	A
Beta-BHC	ND		ug/kg	2.66	1.01	1	A
Heptachlor	ND		ug/kg	1.33	0.598	1	A
Aldrin	ND		ug/kg	2.66	0.938	1	A
Heptachlor epoxide	5.70		ug/kg	5.00	1.50	1	B
Endrin	ND		ug/kg	1.11	0.455	1	A
Endrin aldehyde	ND		ug/kg	3.33	1.17	1	A
Endrin ketone	ND		ug/kg	2.66	0.686	1	A
Dieldrin	14.5		ug/kg	1.66	0.833	1	B
4,4'-DDE	301		ug/kg	2.66	0.616	1	B
4,4'-DDD	1.67	J	ug/kg	2.66	0.951	1	A
4,4'-DDT	59.8		ug/kg	2.66	2.14	1	B
Endosulfan I	ND		ug/kg	2.66	0.630	1	A
Endosulfan II	ND		ug/kg	2.66	0.891	1	A
Endosulfan sulfate	ND		ug/kg	1.11	0.529	1	A
Methoxychlor	ND		ug/kg	5.00	1.55	1	A
Toxaphene	ND		ug/kg	50.0	14.0	1	A
cis-Chlordane	13.3	IP	ug/kg	3.33	0.928	1	B
trans-Chlordane	3.39	IP	ug/kg	3.33	0.880	1	A
Chlordane	ND		ug/kg	22.2	8.83	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-06 Date Collected: 05/23/24 12:55

Client ID: A9_0-0.2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	115		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2428918
Project Number: 3858.0004Y000
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-06
Client ID: A9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 12:55
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/31/24 11:47
Analyst: RMP
Percent Solids: 57%
Methylation Date: 05/31/24 04:13

Extraction Method: EPA 8151A
Extraction Date: 05/30/24 07:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	293	18.4	1	A
2,4,5-T	ND		ug/kg	293	9.08	1	A
2,4,5-TP (Silvex)	ND		ug/kg	293	7.79	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	45		30-150	A
DCAA	53		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-07
Client ID: A9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/30/24 17:11
Analyst: EJL
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/28/24 11:58
Cleanup Method: EPA 3620B
Cleanup Date: 05/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.763	0.341	1	A
Alpha-BHC	ND		ug/kg	0.763	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.695	1	A
Heptachlor	ND		ug/kg	0.916	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.645	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	B
Endrin	ND		ug/kg	0.763	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.802	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	1.06	J	ug/kg	1.14	0.572	1	A
4,4'-DDE	23.5		ug/kg	1.83	0.424	1	B
4,4'-DDD	ND		ug/kg	1.83	0.653	1	A
4,4'-DDT	6.32		ug/kg	1.83	1.47	1	B
Endosulfan I	ND		ug/kg	1.83	0.433	1	A
Endosulfan II	ND		ug/kg	1.83	0.612	1	A
Endosulfan sulfate	ND		ug/kg	0.763	0.363	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.62	1	A
cis-Chlordane	1.23	JIP	ug/kg	2.29	0.638	1	B
trans-Chlordane	1.03	JIP	ug/kg	2.29	0.605	1	A
Chlordane	ND		ug/kg	15.3	6.07	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-07 Date Collected: 05/23/24 13:00

Client ID: A9_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2428918
Project Number: 3858.0004Y000
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-07
Client ID: A9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/31/24 12:06
Analyst: RMP
Percent Solids: 83%
Methylation Date: 05/31/24 04:13

Extraction Method: EPA 8151A
Extraction Date: 05/30/24 07:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	199	12.6	1	A
2,4,5-T	ND		ug/kg	199	6.18	1	A
2,4,5-TP (Silvex)	ND		ug/kg	199	5.31	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	43		30-150	A
DCAA	60		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-10
Client ID: C12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 13:40
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/29/24 15:50
Analyst: SID
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 05/27/24 04:38
Cleanup Method: EPA 3620B
Cleanup Date: 05/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.95	0.383	1	A
Lindane	ND		ug/kg	0.814	0.364	1	A
Alpha-BHC	ND		ug/kg	0.814	0.231	1	A
Beta-BHC	ND		ug/kg	1.95	0.741	1	A
Heptachlor	ND		ug/kg	0.977	0.438	1	A
Aldrin	ND		ug/kg	1.95	0.688	1	A
Heptachlor epoxide	11.4		ug/kg	3.66	1.10	1	B
Endrin	ND		ug/kg	0.814	0.334	1	A
Endrin aldehyde	ND		ug/kg	2.44	0.855	1	A
Endrin ketone	ND		ug/kg	1.95	0.503	1	A
Dieldrin	2.23		ug/kg	1.22	0.611	1	A
4,4'-DDE	42.9		ug/kg	1.95	0.452	1	B
4,4'-DDD	ND		ug/kg	1.95	0.697	1	A
4,4'-DDT	9.74		ug/kg	1.95	1.57	1	B
Endosulfan I	ND		ug/kg	1.95	0.462	1	A
Endosulfan II	ND		ug/kg	1.95	0.653	1	A
Endosulfan sulfate	ND		ug/kg	0.814	0.388	1	A
Methoxychlor	ND		ug/kg	3.66	1.14	1	A
Toxaphene	ND		ug/kg	36.6	10.3	1	A
cis-Chlordane	13.8	IP	ug/kg	2.44	0.681	1	B
trans-Chlordane	3.63	IP	ug/kg	2.44	0.645	1	A
Chlordane	ND		ug/kg	16.3	6.48	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-10 Date Collected: 05/23/24 13:40

Client ID: C12_0-0.2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-10
Client ID: C12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 13:40
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/31/24 12:43
Analyst: RMP
Percent Solids: 79%
Methylation Date: 05/31/24 04:13

Extraction Method: EPA 8151A
Extraction Date: 05/30/24 07:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	210	13.2	1	A
2,4,5-T	ND		ug/kg	210	6.51	1	A
2,4,5-TP (Silvex)	ND		ug/kg	210	5.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-11
Client ID: C12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 13:45
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/30/24 13:03
Analyst: AKM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 05/28/24 11:58
Cleanup Method: EPA 3620B
Cleanup Date: 05/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.724	0.324	1	A
Alpha-BHC	ND		ug/kg	0.724	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.659	1	A
Heptachlor	ND		ug/kg	0.869	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.612	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.978	1	A
Endrin	ND		ug/kg	0.724	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.760	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.543	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.620	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.581	1	A
Endosulfan sulfate	ND		ug/kg	0.724	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.12	1	A
cis-Chlordane	ND		ug/kg	2.17	0.605	1	A
trans-Chlordane	ND		ug/kg	2.17	0.574	1	A
Chlordane	ND		ug/kg	14.5	5.76	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-11 Date Collected: 05/23/24 13:45

Client ID: C12_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-11
Client ID: C12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 13:45
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/31/24 13:01
Analyst: RMP
Percent Solids: 89%
Methylation Date: 05/31/24 04:13

Extraction Method: EPA 8151A
Extraction Date: 05/30/24 07:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	186	11.7	1	A
2,4,5-T	ND		ug/kg	186	5.76	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	73		30-150	A
DCAA	75		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-14
Client ID: A13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 14:30
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/31/24 08:39
Analyst: AKM
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 05/28/24 11:58
Cleanup Method: EPA 3620B
Cleanup Date: 05/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.22	0.435	1	A
Lindane	ND		ug/kg	0.926	0.414	1	A
Alpha-BHC	ND		ug/kg	0.926	0.263	1	A
Beta-BHC	ND		ug/kg	2.22	0.843	1	A
Heptachlor	ND		ug/kg	1.11	0.498	1	A
Aldrin	ND		ug/kg	2.22	0.783	1	A
Heptachlor epoxide	2.67	JIP	ug/kg	4.17	1.25	1	B
Endrin	ND		ug/kg	0.926	0.380	1	A
Endrin aldehyde	ND		ug/kg	2.78	0.973	1	A
Endrin ketone	ND		ug/kg	2.22	0.573	1	A
Dieldrin	47.9		ug/kg	1.39	0.695	1	A
4,4'-DDE	28.7		ug/kg	2.22	0.514	1	A
4,4'-DDD	ND		ug/kg	2.22	0.793	1	A
4,4'-DDT	16.8		ug/kg	2.22	1.79	1	B
Endosulfan I	ND		ug/kg	2.22	0.525	1	A
Endosulfan II	2.44		ug/kg	2.22	0.743	1	A
Endosulfan sulfate	6.63		ug/kg	0.926	0.441	1	A
Methoxychlor	ND		ug/kg	4.17	1.30	1	A
Toxaphene	ND		ug/kg	41.7	11.7	1	A
cis-Chlordane	3.82	IP	ug/kg	2.78	0.775	1	B
trans-Chlordane	4.04		ug/kg	2.78	0.734	1	B
Chlordane	ND		ug/kg	18.5	7.37	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-14 Date Collected: 05/23/24 14:30

Client ID: A13_0-0.2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-14
Client ID: A13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 14:30
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/31/24 13:20
Analyst: RMP
Percent Solids: 70%
Methylation Date: 05/31/24 04:13

Extraction Method: EPA 8151A
Extraction Date: 05/30/24 07:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	236	14.8	1	A
2,4,5-T	ND		ug/kg	236	7.30	1	A
2,4,5-TP (Silvex)	ND		ug/kg	236	6.27	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	79		30-150	A
DCAA	77		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-15
Client ID: A13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 14:35
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/31/24 08:51
Analyst: AKM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/28/24 11:58
Cleanup Method: EPA 3620B
Cleanup Date: 05/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.754	0.337	1	A
Alpha-BHC	ND		ug/kg	0.754	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.686	1	A
Heptachlor	ND		ug/kg	0.905	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	1.44	J	ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.754	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.792	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	18.2		ug/kg	1.13	0.566	1	A
4,4'-DDE	36.4		ug/kg	1.81	0.419	1	A
4,4'-DDD	ND		ug/kg	1.81	0.646	1	A
4,4'-DDT	14.0		ug/kg	1.81	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	0.788	J	ug/kg	1.81	0.605	1	A
Endosulfan sulfate	2.27		ug/kg	0.754	0.359	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.51	1	A
cis-Chlordane	1.34	JIP	ug/kg	2.26	0.631	1	B
trans-Chlordane	1.37	JIP	ug/kg	2.26	0.598	1	B
Chlordane	ND		ug/kg	15.1	6.00	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-15 Date Collected: 05/23/24 14:35

Client ID: A13_0.2-2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-15
Client ID: A13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 14:35
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/31/24 13:38
Analyst: RMP
Percent Solids: 85%
Methylation Date: 05/31/24 04:13

Extraction Method: EPA 8151A
Extraction Date: 05/30/24 07:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.95	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	38		30-150	A
DCAA	47		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-18
Client ID: A13_7-9
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 14:50
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/30/24 13:37
Analyst: AKM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/28/24 11:58
Cleanup Method: EPA 3620B
Cleanup Date: 05/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.338	1	A
Lindane	ND		ug/kg	0.720	0.322	1	A
Alpha-BHC	ND		ug/kg	0.720	0.204	1	A
Beta-BHC	ND		ug/kg	1.73	0.655	1	A
Heptachlor	ND		ug/kg	0.864	0.387	1	A
Aldrin	ND		ug/kg	1.73	0.608	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.972	1	A
Endrin	ND		ug/kg	0.720	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.756	1	A
Endrin ketone	ND		ug/kg	1.73	0.445	1	A
Dieldrin	ND		ug/kg	1.08	0.540	1	A
4,4'-DDE	ND		ug/kg	1.73	0.399	1	A
4,4'-DDD	ND		ug/kg	1.73	0.616	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.577	1	A
Endosulfan sulfate	ND		ug/kg	0.720	0.342	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.07	1	A
cis-Chlordane	ND		ug/kg	2.16	0.602	1	A
trans-Chlordane	ND		ug/kg	2.16	0.570	1	A
Chlordane	ND		ug/kg	14.4	5.72	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-18 Date Collected: 05/23/24 14:50

Client ID: A13_7-9 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-18
Client ID: A13_7-9
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 14:50
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/31/24 13:57
Analyst: RMP
Percent Solids: 88%
Methylation Date: 05/31/24 04:13
Extraction Method: EPA 8151A
Extraction Date: 05/30/24 07:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	186	11.7	1	A
2,4,5-T	ND		ug/kg	186	5.75	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	37		30-150	A
DCAA	53		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-19
Client ID: DUP_05232024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 12:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/29/24 16:01
Analyst: SID
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 05/27/24 04:38
Cleanup Method: EPA 3620B
Cleanup Date: 05/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.04	0.399	1	A
Lindane	ND		ug/kg	0.849	0.380	1	A
Alpha-BHC	ND		ug/kg	0.849	0.241	1	A
Beta-BHC	ND		ug/kg	2.04	0.773	1	A
Heptachlor	ND		ug/kg	1.02	0.457	1	A
Aldrin	ND		ug/kg	2.04	0.717	1	A
Heptachlor epoxide	3.14	J	ug/kg	3.82	1.15	1	B
Endrin	ND		ug/kg	0.849	0.348	1	A
Endrin aldehyde	ND		ug/kg	2.55	0.892	1	A
Endrin ketone	ND		ug/kg	2.04	0.525	1	A
Dieldrin	5.20		ug/kg	1.27	0.637	1	A
4,4'-DDE	115		ug/kg	2.04	0.471	1	B
4,4'-DDD	ND		ug/kg	2.04	0.727	1	A
4,4'-DDT	24.6		ug/kg	2.04	1.64	1	B
Endosulfan I	ND		ug/kg	2.04	0.481	1	A
Endosulfan II	ND		ug/kg	2.04	0.681	1	A
Endosulfan sulfate	ND		ug/kg	0.849	0.404	1	A
Methoxychlor	ND		ug/kg	3.82	1.19	1	A
Toxaphene	ND		ug/kg	38.2	10.7	1	A
cis-Chlordane	5.00	IP	ug/kg	2.55	0.710	1	B
trans-Chlordane	1.67	JIP	ug/kg	2.55	0.672	1	A
Chlordane	ND		ug/kg	17.0	6.75	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-19 Date Collected: 05/23/24 12:00

Client ID: DUP_05232024 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	112		30-150	B
Decachlorobiphenyl	126		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-19
Client ID: DUP_05232024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 12:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/01/24 13:15
Analyst: MMG
Percent Solids: 75%
Methylation Date: 06/01/24 06:31

Extraction Method: EPA 8151A
Extraction Date: 05/31/24 18:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	215	13.5	1	A
2,4,5-T	ND		ug/kg	215	6.66	1	A
2,4,5-TP (Silvex)	ND		ug/kg	215	5.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	70		30-150	A
DCAA	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/27/24 10:30
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 05/24/24 14:27

Methylation Date: 05/25/24 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 05 Batch: WG1925554-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/29/24 13:00
Analyst: SID

Extraction Method: EPA 3546
Extraction Date: 05/27/24 04:38
Cleanup Method: EPA 3620B
Cleanup Date: 05/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,06,10,19 Batch: WG1926123-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.638	0.285	A
Alpha-BHC	ND		ug/kg	0.638	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.766	0.343	A
Aldrin	ND		ug/kg	1.53	0.539	A
Heptachlor epoxide	ND		ug/kg	2.87	0.862	A
Endrin	ND		ug/kg	0.638	0.262	A
Endrin aldehyde	ND		ug/kg	1.91	0.670	A
Endrin ketone	ND		ug/kg	1.53	0.394	A
Dieldrin	ND		ug/kg	0.957	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.354	A
4,4'-DDD	ND		ug/kg	1.53	0.546	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.638	0.304	A
Methoxychlor	ND		ug/kg	2.87	0.893	A
Toxaphene	ND		ug/kg	28.7	8.04	A
cis-Chlordane	ND		ug/kg	1.91	0.534	A
trans-Chlordane	ND		ug/kg	1.91	0.505	A
Chlordane	ND		ug/kg	12.8	5.07	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/29/24 13:00
Analyst: SID

Extraction Method: EPA 3546
Extraction Date: 05/27/24 04:38
Cleanup Method: EPA 3620B
Cleanup Date: 05/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,06,10,19 Batch: WG1926123-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	110		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/30/24 12:06
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 05/28/24 11:58
Cleanup Method: EPA 3620B
Cleanup Date: 05/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,07,11,14-15,18 Batch: WG1926480-1						
Delta-BHC	ND		ug/kg	1.55	0.303	A
Lindane	ND		ug/kg	0.645	0.288	A
Alpha-BHC	ND		ug/kg	0.645	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.587	A
Heptachlor	ND		ug/kg	0.774	0.347	A
Aldrin	ND		ug/kg	1.55	0.545	A
Heptachlor epoxide	ND		ug/kg	2.90	0.870	A
Endrin	ND		ug/kg	0.645	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.677	A
Endrin ketone	ND		ug/kg	1.55	0.398	A
Dieldrin	ND		ug/kg	0.967	0.484	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.552	A
4,4'-DDT	ND		ug/kg	1.55	1.24	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.517	A
Endosulfan sulfate	ND		ug/kg	0.645	0.307	A
Methoxychlor	ND		ug/kg	2.90	0.903	A
Toxaphene	ND		ug/kg	29.0	8.12	A
cis-Chlordane	ND		ug/kg	1.93	0.539	A
trans-Chlordane	ND		ug/kg	1.93	0.511	A
Chlordane	ND		ug/kg	12.9	5.12	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/30/24 12:06
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 05/28/24 11:58
Cleanup Method: EPA 3620B
Cleanup Date: 05/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,07,11,14-15,18 Batch: WG1926480-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/30/24 10:38
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 05/30/24 05:55

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG1927379-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/30/24 10:38
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 05/30/24 05:55

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG1927379-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/31/24 07:46
Analyst: RMP

Extraction Method: EPA 8151A
Extraction Date: 05/30/24 07:01

Methylation Date: 05/31/24 04:13

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,06-07,10-11,14-15,18 Batch: WG1927413-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	39		30-150	A
DCAA	48		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/01/24 12:01
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 05/31/24 18:09

Methylation Date: 06/01/24 06:31

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 19 Batch: WG1928302-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	49		30-150	A
DCAA	58		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1925554-2 WG1925554-3									
2,4-D	103		102		30-150	1		25	A
2,4,5-T	111		108		30-150	3		25	A
2,4,5-TP (Silvex)	102		101		30-150	1		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	95		98		30-150	A
DCAA	109		118		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,06,10,19 Batch: WG1926123-2 WG1926123-3									
Delta-BHC	98		96		30-150	2		30	A
Lindane	99		98		30-150	1		30	A
Alpha-BHC	102		98		30-150	4		30	A
Beta-BHC	108		103		30-150	5		30	A
Heptachlor	102		98		30-150	4		30	A
Aldrin	101		98		30-150	3		30	A
Heptachlor epoxide	92		90		30-150	2		30	A
Endrin	103		100		30-150	3		30	A
Endrin aldehyde	89		86		30-150	3		30	A
Endrin ketone	104		101		30-150	3		30	A
Dieldrin	110		108		30-150	2		30	A
4,4'-DDE	102		101		30-150	1		30	A
4,4'-DDD	110		107		30-150	3		30	A
4,4'-DDT	98		100		30-150	2		30	A
Endosulfan I	100		97		30-150	3		30	A
Endosulfan II	106		104		30-150	2		30	A
Endosulfan sulfate	94		91		30-150	3		30	A
Methoxychlor	119		113		30-150	5		30	A
cis-Chlordane	94		93		30-150	1		30	A
trans-Chlordane	92		90		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,06,10,19 Batch: WG1926123-2 WG1926123-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		90		30-150	A
Decachlorobiphenyl	90		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	113		110		30-150	B
Decachlorobiphenyl	111		110		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,07,11,14-15,18 Batch: WG1926480-2 WG1926480-3									
Delta-BHC	81		85		30-150	5		30	A
Lindane	77		79		30-150	3		30	A
Alpha-BHC	79		82		30-150	4		30	A
Beta-BHC	91		93		30-150	2		30	A
Heptachlor	82		85		30-150	4		30	A
Aldrin	80		84		30-150	5		30	A
Heptachlor epoxide	66		70		30-150	6		30	A
Endrin	86		91		30-150	6		30	A
Endrin aldehyde	80		84		30-150	5		30	A
Endrin ketone	95		100		30-150	5		30	A
Dieldrin	94		100		30-150	6		30	A
4,4'-DDE	83		89		30-150	7		30	A
4,4'-DDD	92		97		30-150	5		30	A
4,4'-DDT	87		94		30-150	8		30	A
Endosulfan I	85		89		30-150	5		30	A
Endosulfan II	90		97		30-150	7		30	A
Endosulfan sulfate	87		94		30-150	8		30	A
Methoxychlor	105		113		30-150	7		30	A
cis-Chlordane	81		87		30-150	7		30	A
trans-Chlordane	98		104		30-150	6		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,07,11,14-15,18 Batch: WG1926480-2 WG1926480-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		72		30-150	A
Decachlorobiphenyl	90		82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		74		30-150	B
Decachlorobiphenyl	100		98		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1927379-2 WG1927379-3									
Delta-BHC	90		88		30-150	3		20	A
Lindane	93		90		30-150	3		20	A
Alpha-BHC	101		98		30-150	3		20	A
Beta-BHC	92		90		30-150	3		20	A
Heptachlor	86		83		30-150	3		20	A
Aldrin	96		93		30-150	3		20	A
Heptachlor epoxide	94		91		30-150	3		20	A
Endrin	96		93		30-150	3		20	A
Endrin aldehyde	74		73		30-150	1		20	A
Endrin ketone	85		82		30-150	3		20	A
Dieldrin	104		101		30-150	3		20	A
4,4'-DDE	99		95		30-150	4		20	A
4,4'-DDD	104		99		30-150	5		20	A
4,4'-DDT	87		85		30-150	3		20	A
Endosulfan I	94		90		30-150	5		20	A
Endosulfan II	98		95		30-150	4		20	A
Endosulfan sulfate	84		81		30-150	4		20	A
Methoxychlor	83		80		30-150	4		20	A
cis-Chlordane	89		86		30-150	4		20	A
trans-Chlordane	101		97		30-150	4		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1927379-2 WG1927379-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		89		30-150	A
Decachlorobiphenyl	53		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		85		30-150	B
Decachlorobiphenyl	86		86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,06-07,10-11,14-15,18 Batch: WG1927413-2 WG1927413-3									
2,4-D	31		44		30-150	**35**	Q	30	A
2,4,5-T	34		41		30-150	19		30	A
2,4,5-TP (Silvex)	35		48		30-150	**31**	Q	30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	42		52		30-150	A
DCAA	41		59		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 19 Batch: WG1928302-2 WG1928302-3									
2,4-D	72		43		30-150	**50**	Q	30	A
2,4,5-T	69		47		30-150	**38**	Q	30	A
2,4,5-TP (Silvex)	70		52		30-150	30		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	65		40		30-150	A
DCAA	83		50		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,06,10,19 QC Batch ID: WG1926123-4 WG1926123-5 QC Sample: L2428918-01 Client ID: C5_0-0.2													
Delta-BHC	ND	38.5	31.9	83		26.0	67		30-150	20		50	A
Lindane	ND	38.5	32.2	84		30.4	78		30-150	6		50	A
Alpha-BHC	ND	38.5	33.7	87		31.7	81		30-150	6		50	A
Beta-BHC	ND	38.5	36.2	94		29.2	75		30-150	21		50	A
Heptachlor	ND	38.5	33.8	88		31.8	82		30-150	6		50	A
Aldrin	ND	38.5	32.9	85		31.3	80		30-150	5		50	A
Heptachlor epoxide	100	38.5	140	104		141	105		30-150	1		50	B
Endrin	ND	38.5	38.4	100		36.5	94		30-150	5		50	A
Endrin aldehyde	ND	38.5	48.5	126		44.0	113		30-150	10		50	A
Endrin ketone	ND	38.5	46.0	119		42.7	110		30-150	7		50	A
Dieldrin	127	38.5	173	119		174	121		30-150	1		50	B
4,4'-DDE	186	38.5	224	99		236	128		30-150	5		50	B
4,4'-DDD	ND	38.5	52.1	135		50.6	130		30-150	3		50	A
4,4'-DDT	84.8	38.5	120	91		133	124		30-150	10		50	B
Endosulfan I	ND	38.5	36.9	96		35.3	91		30-150	4		50	A
Endosulfan II	ND	38.5	42.9	111		40.8	105		30-150	5		50	A
Endosulfan sulfate	ND	38.5	36.1	94		33.8	87		30-150	7		50	A
Methoxychlor	ND	38.5	59.5	**154**	Q	55.8	143		30-150	6		50	A
cis-Chlordane	66.0IP	38.5	107	106		110	113		30-150	3		50	B
trans-Chlordane	31.8IP	38.5	75.4	113		77.8	118		30-150	3		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,06,10,19 QC Batch ID: WG1926123-4 WG1926123-5 QC Sample: L2428918-01 Client ID: C5_0-0.2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		69		30-150	A
Decachlorobiphenyl	93		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	106		97		30-150	B
Decachlorobiphenyl	119		108		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,06-07,10-11,14-15,18 QC Batch ID: WG1927413-4 WG1927413-5 QC Sample: L2428918-01 Client ID: C5_0-0.2													
2,4-D	ND	194	163J	84		140J	71		30-150	15		30	A
2,4,5-T	ND	194	152J	79		131J	67		30-150	15		30	A
2,4,5-TP (Silvex)	ND	194	157J	81		143J	73		30-150	9		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	79		70		30-150	A
DCAA	86		80		30-150	B

METALS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-01
Client ID: C5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 09:40
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15800		mg/kg	9.17	2.48	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Antimony, Total	0.809	J	mg/kg	4.59	0.349	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Arsenic, Total	64.6		mg/kg	0.917	0.191	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Barium, Total	92.7		mg/kg	0.917	0.160	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.545		mg/kg	0.459	0.030	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.895	J	mg/kg	0.917	0.090	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Calcium, Total	1160		mg/kg	9.17	3.21	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Chromium, Total	54.7		mg/kg	0.917	0.088	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Cobalt, Total	9.95		mg/kg	1.83	0.152	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Copper, Total	26.1		mg/kg	0.917	0.237	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Iron, Total	22400		mg/kg	4.59	0.828	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Lead, Total	101		mg/kg	4.59	0.246	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Magnesium, Total	5000		mg/kg	9.17	1.41	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Manganese, Total	403		mg/kg	0.917	0.146	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Mercury, Total	9.54		mg/kg	0.776	0.506	10	05/30/24 12:52	05/31/24 16:17	EPA 7471B	1,7471B	MJR
Nickel, Total	20.8		mg/kg	2.29	0.222	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Potassium, Total	2240		mg/kg	229	13.2	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Selenium, Total	0.423	J	mg/kg	1.83	0.237	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.459	0.260	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Sodium, Total	42.6	J	mg/kg	183	2.89	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.83	0.289	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Vanadium, Total	37.6		mg/kg	0.917	0.186	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF
Zinc, Total	82.9		mg/kg	4.59	0.269	2	05/30/24 11:10	05/31/24 12:49	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-02
Client ID: C5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 10:30
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18200		mg/kg	8.33	2.25	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Antimony, Total	0.490	J	mg/kg	4.16	0.316	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.74		mg/kg	0.833	0.173	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Barium, Total	145		mg/kg	0.833	0.145	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.538		mg/kg	0.416	0.028	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.125	J	mg/kg	0.833	0.082	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Calcium, Total	984		mg/kg	8.33	2.91	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Chromium, Total	29.4		mg/kg	0.833	0.080	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Cobalt, Total	18.0		mg/kg	1.66	0.138	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Copper, Total	47.3		mg/kg	0.833	0.215	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Iron, Total	29300		mg/kg	4.16	0.752	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Lead, Total	8.04		mg/kg	4.16	0.223	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Magnesium, Total	8250		mg/kg	8.33	1.28	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Manganese, Total	254		mg/kg	0.833	0.132	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.048	1	05/30/24 12:52	05/31/24 15:00	EPA 7471B	1,7471B	MJR
Nickel, Total	30.6		mg/kg	2.08	0.202	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Potassium, Total	8300		mg/kg	208	12.0	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.66	0.215	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.416	0.236	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Sodium, Total	167		mg/kg	166	2.62	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Thallium, Total	0.524	J	mg/kg	1.66	0.262	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Vanadium, Total	50.3		mg/kg	0.833	0.169	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF
Zinc, Total	80.9		mg/kg	4.16	0.244	2	05/30/24 11:10	05/31/24 13:26	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-05
Client ID: FB_05232024
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 12:50
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Barium, Total	0.00041	J	mg/l	0.00050	0.00017	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/30/24 14:00	05/31/24 12:17	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	05/30/24 11:30	06/03/24 16:28	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/30/24 11:30	06/03/24 13:46	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE
Lab Number: L2428918
Project Number: 3858.0004Y000
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-06
Client ID: A9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 12:55
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 57%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	19800		mg/kg	13.9	3.76	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Antimony, Total	1.17	J	mg/kg	6.97	0.530	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Arsenic, Total	43.8		mg/kg	1.39	0.290	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Barium, Total	125		mg/kg	1.39	0.242	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.696	J	mg/kg	0.697	0.046	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.258	J	mg/kg	1.39	0.137	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Calcium, Total	1090		mg/kg	13.9	4.88	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Chromium, Total	36.6		mg/kg	1.39	0.134	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Cobalt, Total	11.9		mg/kg	2.79	0.231	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Copper, Total	34.7		mg/kg	1.39	0.360	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Iron, Total	27100		mg/kg	6.97	1.26	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Lead, Total	127		mg/kg	6.97	0.374	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Magnesium, Total	5530		mg/kg	13.9	2.15	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Manganese, Total	683		mg/kg	1.39	0.222	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Mercury, Total	1.09		mg/kg	0.124	0.081	1	05/30/24 12:52	05/31/24 15:03	EPA 7471B	1,7471B	MJR
Nickel, Total	24.7		mg/kg	3.48	0.337	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Potassium, Total	2220		mg/kg	348	20.1	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Selenium, Total	0.696	J	mg/kg	2.79	0.360	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.697	0.394	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Sodium, Total	46.7	J	mg/kg	279	4.39	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	2.79	0.439	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Vanadium, Total	45.5		mg/kg	1.39	0.283	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF
Zinc, Total	74.4		mg/kg	6.97	0.408	2	05/30/24 11:10	05/31/24 13:30	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2428918
Project Number: 3858.0004Y000
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-07
Client ID: A9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14200		mg/kg	9.35	2.52	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Antimony, Total	0.436	J	mg/kg	4.67	0.355	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Arsenic, Total	16.2		mg/kg	0.935	0.194	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Barium, Total	95.4		mg/kg	0.935	0.163	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.464	J	mg/kg	0.467	0.031	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.146	J	mg/kg	0.935	0.092	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Calcium, Total	776		mg/kg	9.35	3.27	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Chromium, Total	24.6		mg/kg	0.935	0.090	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.74		mg/kg	1.87	0.155	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Copper, Total	18.4		mg/kg	0.935	0.241	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Iron, Total	19300		mg/kg	4.67	0.844	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Lead, Total	48.0		mg/kg	4.67	0.250	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Magnesium, Total	4220		mg/kg	9.35	1.44	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Manganese, Total	500		mg/kg	0.935	0.149	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Mercury, Total	0.828		mg/kg	0.080	0.052	1	05/30/24 12:52	05/31/24 15:06	EPA 7471B	1,7471B	MJR
Nickel, Total	16.7		mg/kg	2.34	0.226	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Potassium, Total	1780		mg/kg	234	13.5	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Selenium, Total	0.288	J	mg/kg	1.87	0.241	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.467	0.264	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Sodium, Total	33.0	J	mg/kg	187	2.94	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.87	0.294	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Vanadium, Total	30.3		mg/kg	0.935	0.190	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF
Zinc, Total	54.2		mg/kg	4.67	0.274	2	05/30/24 11:10	05/31/24 13:34	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-10 Date Collected: 05/23/24 13:40

Client ID: C12_0-0.2 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11800		mg/kg	9.63	2.60	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Antimony, Total	0.477	J	mg/kg	4.82	0.366	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Arsenic, Total	10.6		mg/kg	0.963	0.200	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Barium, Total	85.2		mg/kg	0.963	0.168	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.325	J	mg/kg	0.482	0.032	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.172	J	mg/kg	0.963	0.094	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Calcium, Total	815		mg/kg	9.63	3.37	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Chromium, Total	28.4		mg/kg	0.963	0.093	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.35		mg/kg	1.93	0.160	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Copper, Total	20.5		mg/kg	0.963	0.248	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Iron, Total	17900		mg/kg	4.82	0.870	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Lead, Total	46.8		mg/kg	4.82	0.258	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Magnesium, Total	3780		mg/kg	9.63	1.48	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Manganese, Total	298		mg/kg	0.963	0.153	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Mercury, Total	0.146		mg/kg	0.097	0.063	1	05/30/24 12:52	05/31/24 15:10	EPA 7471B	1,7471B	MJR
Nickel, Total	16.4		mg/kg	2.41	0.233	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Potassium, Total	2370		mg/kg	241	13.9	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Selenium, Total	0.421	J	mg/kg	1.93	0.248	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.482	0.273	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Sodium, Total	43.8	J	mg/kg	193	3.03	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.93	0.303	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Vanadium, Total	29.1		mg/kg	0.963	0.196	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF
Zinc, Total	45.2		mg/kg	4.82	0.282	2	05/30/24 11:10	05/31/24 13:38	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2428918
Project Number: 3858.0004Y000
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-11
Client ID: C12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 13:45
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	13600		mg/kg	8.85	2.39	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Antimony, Total	0.579	J	mg/kg	4.42	0.336	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.47		mg/kg	0.885	0.184	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Barium, Total	112		mg/kg	0.885	0.154	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.385	J	mg/kg	0.442	0.029	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.127	J	mg/kg	0.885	0.087	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Calcium, Total	835		mg/kg	8.85	3.10	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Chromium, Total	26.4		mg/kg	0.885	0.085	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Cobalt, Total	12.3		mg/kg	1.77	0.147	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Copper, Total	23.8		mg/kg	0.885	0.228	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Iron, Total	23500		mg/kg	4.42	0.799	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Lead, Total	6.88		mg/kg	4.42	0.237	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Magnesium, Total	5330		mg/kg	8.85	1.36	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Manganese, Total	396		mg/kg	0.885	0.141	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.089	0.058	1	05/30/24 12:52	05/31/24 15:13	EPA 7471B	1,7471B	MJR
Nickel, Total	20.3		mg/kg	2.21	0.214	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Potassium, Total	3900		mg/kg	221	12.7	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.77	0.228	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.442	0.250	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Sodium, Total	59.0	J	mg/kg	177	2.79	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Thallium, Total	0.418	J	mg/kg	1.77	0.279	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Vanadium, Total	39.5		mg/kg	0.885	0.180	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF
Zinc, Total	46.5		mg/kg	4.42	0.259	2	05/30/24 11:10	05/31/24 13:42	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2428918
Project Number: 3858.0004Y000
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-14
Client ID: A13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 14:30
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13100		mg/kg	10.8	2.92	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Antimony, Total	0.666	J	mg/kg	5.41	0.411	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Arsenic, Total	17.7		mg/kg	1.08	0.225	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Barium, Total	91.0		mg/kg	1.08	0.188	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.340	J	mg/kg	0.541	0.036	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.202	J	mg/kg	1.08	0.106	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Calcium, Total	600		mg/kg	10.8	3.79	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Chromium, Total	27.9		mg/kg	1.08	0.104	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.68		mg/kg	2.16	0.180	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Copper, Total	19.7		mg/kg	1.08	0.279	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Iron, Total	20400		mg/kg	5.41	0.978	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Lead, Total	49.8		mg/kg	5.41	0.290	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Magnesium, Total	4120		mg/kg	10.8	1.67	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Manganese, Total	362		mg/kg	1.08	0.172	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Mercury, Total	1.06		mg/kg	0.114	0.075	1	05/30/24 12:52	05/31/24 15:16	EPA 7471B	1,7471B	MJR
Nickel, Total	15.7		mg/kg	2.71	0.262	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Potassium, Total	2830		mg/kg	271	15.6	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Selenium, Total	0.360	J	mg/kg	2.16	0.279	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.541	0.306	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Sodium, Total	34.3	J	mg/kg	216	3.41	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	2.16	0.341	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Vanadium, Total	31.6		mg/kg	1.08	0.220	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF
Zinc, Total	57.7		mg/kg	5.41	0.317	2	05/30/24 11:10	05/31/24 13:46	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2428918
Project Number: 3858.0004Y000
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-15
Client ID: A13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 14:35
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15000		mg/kg	9.03	2.44	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Antimony, Total	0.620	J	mg/kg	4.51	0.343	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Arsenic, Total	11.6		mg/kg	0.903	0.188	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Barium, Total	112		mg/kg	0.903	0.157	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.366	J	mg/kg	0.451	0.030	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.166	J	mg/kg	0.903	0.089	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Calcium, Total	506		mg/kg	9.03	3.16	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Chromium, Total	25.9		mg/kg	0.903	0.087	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Cobalt, Total	10.8		mg/kg	1.80	0.150	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Copper, Total	20.0		mg/kg	0.903	0.233	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Iron, Total	25000		mg/kg	4.51	0.815	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Lead, Total	35.1		mg/kg	4.51	0.242	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Magnesium, Total	4720		mg/kg	9.03	1.39	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Manganese, Total	606		mg/kg	0.903	0.144	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Mercury, Total	0.750		mg/kg	0.086	0.056	1	05/30/24 12:52	05/31/24 15:20	EPA 7471B	1,7471B	MJR
Nickel, Total	18.0		mg/kg	2.26	0.218	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Potassium, Total	3710		mg/kg	226	13.0	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Selenium, Total	0.307	J	mg/kg	1.80	0.233	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.451	0.255	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Sodium, Total	40.1	J	mg/kg	180	2.84	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.80	0.284	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Vanadium, Total	34.6		mg/kg	0.903	0.183	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF
Zinc, Total	57.3		mg/kg	4.51	0.264	2	05/30/24 11:10	05/31/24 13:50	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2428918
Project Number: 3858.0004Y000
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-18
Client ID: A13_7-9
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 14:50
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12300		mg/kg	8.69	2.34	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Antimony, Total	0.403	J	mg/kg	4.34	0.330	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.10		mg/kg	0.869	0.181	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Barium, Total	91.9		mg/kg	0.869	0.151	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.361	J	mg/kg	0.434	0.029	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.098	J	mg/kg	0.869	0.085	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Calcium, Total	821		mg/kg	8.69	3.04	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Chromium, Total	23.2		mg/kg	0.869	0.083	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.71		mg/kg	1.74	0.144	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Copper, Total	22.5		mg/kg	0.869	0.224	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Iron, Total	19900		mg/kg	4.34	0.784	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Lead, Total	5.46		mg/kg	4.34	0.233	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Magnesium, Total	4800		mg/kg	8.69	1.34	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Manganese, Total	407		mg/kg	0.869	0.138	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/30/24 12:52	05/31/24 15:29	EPA 7471B	1,7471B	MJR
Nickel, Total	19.6		mg/kg	2.17	0.210	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Potassium, Total	3090		mg/kg	217	12.5	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.74	0.224	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.434	0.246	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Sodium, Total	47.4	J	mg/kg	174	2.74	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Thallium, Total	0.446	J	mg/kg	1.74	0.274	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Vanadium, Total	32.7		mg/kg	0.869	0.176	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF
Zinc, Total	40.5		mg/kg	4.34	0.254	2	05/30/24 11:10	05/31/24 13:53	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-19 Date Collected: 05/23/24 12:00

Client ID: DUP_05232024 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15400		mg/kg	10.3	2.78	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Antimony, Total	0.764	J	mg/kg	5.15	0.391	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Arsenic, Total	39.5		mg/kg	1.03	0.214	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Barium, Total	95.7		mg/kg	1.03	0.179	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.542		mg/kg	0.515	0.034	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.228	J	mg/kg	1.03	0.101	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Calcium, Total	972		mg/kg	10.3	3.60	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Chromium, Total	28.2		mg/kg	1.03	0.099	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.54		mg/kg	2.06	0.171	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Copper, Total	26.1		mg/kg	1.03	0.266	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Iron, Total	19700		mg/kg	5.15	0.930	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Lead, Total	116		mg/kg	5.15	0.276	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Magnesium, Total	4150		mg/kg	10.3	1.58	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Manganese, Total	564		mg/kg	1.03	0.164	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Mercury, Total	1.36		mg/kg	0.099	0.065	1	05/30/24 12:52	05/31/24 15:33	EPA 7471B	1,7471B	MJR
Nickel, Total	17.5		mg/kg	2.57	0.249	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Potassium, Total	1380		mg/kg	257	14.8	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Selenium, Total	0.463	J	mg/kg	2.06	0.266	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.515	0.291	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Sodium, Total	30.6	J	mg/kg	206	3.24	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	2.06	0.324	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Vanadium, Total	31.0		mg/kg	1.03	0.209	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF
Zinc, Total	59.5		mg/kg	5.15	0.302	2	05/30/24 11:10	05/31/24 13:57	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428918

Project Number: 3858.0004Y000 **Report Date:** 06/03/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,06-07,10-11,14-15,18-19 Batch: WG1927216-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Iron, Total	0.902	J	mg/kg	2.00	0.361	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	05/30/24 11:10	05/31/24 12:29	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,06-07,10-11,14-15,18-19 Batch: WG1927217-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/30/24 12:52	05/31/24 14:15	1,7471B	MJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05 Batch: WG1927563-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Sodium, Total	0.0640	J	mg/l	0.100	0.0293	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05 Batch: WG1927567-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/30/24 14:00	05/31/24 11:17	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,06-07,10-11,14-15,18-19 Batch: WG1927216-2								
Aluminum, Total	108		-		80-120	-		
Antimony, Total	109		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	107		-		80-120	-		
Beryllium, Total	108		-		80-120	-		
Cadmium, Total	107		-		80-120	-		
Calcium, Total	106		-		80-120	-		
Chromium, Total	109		-		80-120	-		
Cobalt, Total	108		-		80-120	-		
Copper, Total	110		-		80-120	-		
Iron, Total	110		-		80-120	-		
Lead, Total	106		-		80-120	-		
Magnesium, Total	106		-		80-120	-		
Manganese, Total	108		-		80-120	-		
Nickel, Total	110		-		80-120	-		
Potassium, Total	110		-		80-120	-		
Selenium, Total	105		-		80-120	-		
Silver, Total	111		-		80-120	-		
Sodium, Total	108		-		80-120	-		
Thallium, Total	104		-		80-120	-		
Vanadium, Total	110		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,06-07,10-11,14-15,18-19 Batch: WG1927216-2					
Zinc, Total	109	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,06-07,10-11,14-15,18-19 Batch: WG1927217-2					
Mercury, Total	101	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1927563-2					
Aluminum, Total	102	-	80-120	-	
Antimony, Total	86	-	80-120	-	
Arsenic, Total	106	-	80-120	-	
Barium, Total	101	-	80-120	-	
Beryllium, Total	104	-	80-120	-	
Cadmium, Total	102	-	80-120	-	
Calcium, Total	99	-	80-120	-	
Chromium, Total	93	-	80-120	-	
Cobalt, Total	104	-	80-120	-	
Copper, Total	102	-	80-120	-	
Iron, Total	106	-	80-120	-	
Lead, Total	105	-	80-120	-	
Magnesium, Total	115	-	80-120	-	
Manganese, Total	97	-	80-120	-	
Nickel, Total	102	-	80-120	-	
Potassium, Total	115	-	80-120	-	
Selenium, Total	106	-	80-120	-	
Silver, Total	116	-	80-120	-	
Sodium, Total	118	-	80-120	-	
Thallium, Total	116	-	80-120	-	
Vanadium, Total	93	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1927563-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1927567-2					
Mercury, Total	81	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,06-07,10-11,14-15,18-19 QC Batch ID: WG1927216-3 WG1927216-4 QC Sample: L2428918-01 Client ID: C5_0-0.2												
Aluminum, Total	15800	181	15900	**55**	Q	18000	**1210**	Q	75-125	12		20
Antimony, Total	0.809J	45.2	38.8	86		40.4	89		75-125	4		20
Arsenic, Total	64.6	10.8	73.6	83		74.9	94		75-125	2		20
Barium, Total	92.7	181	247	85		266	95		75-125	7		20
Beryllium, Total	0.545	4.52	4.53	88		4.76	93		75-125	5		20
Cadmium, Total	0.895J	4.79	4.90	102		5.00	104		75-125	2		20
Calcium, Total	1160	903	1880	80		2060	99		75-125	9		20
Chromium, Total	54.7	18.1	69.7	83		76.2	118		75-125	9		20
Cobalt, Total	9.95	45.2	48.3	85		50.2	89		75-125	4		20
Copper, Total	26.1	22.6	47.9	96		51.1	110		75-125	6		20
Iron, Total	22400	90.3	21200	**0**	Q	21900	**0**	Q	75-125	3		20
Lead, Total	101	47.9	140	81		140	81		75-125	0		20
Magnesium, Total	5000	903	5650	**72**	Q	6200	**132**	Q	75-125	9		20
Manganese, Total	403	45.2	408	**11**	Q	414	**24**	Q	75-125	1		20
Nickel, Total	20.8	45.2	59.5	86		66.2	100		75-125	11		20
Potassium, Total	2240	903	2940	77		3300	117		75-125	12		20
Selenium, Total	0.423J	10.8	10.9	100		11.5	106		75-125	5		20
Silver, Total	ND	4.52	4.42	98		4.56	100		75-125	3		20
Sodium, Total	42.6J	903	826	91		896	99		75-125	8		20
Thallium, Total	ND	10.8	10.6	98		11.2	103		75-125	6		20
Vanadium, Total	37.6	45.2	76.4	86		80.0	93		75-125	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,06-07,10-11,14-15,18-19 QC Batch ID: WG1927216-3 WG1927216-4 QC Sample: L2428918-01 Client ID: C5_0-0.2											
Zinc, Total	82.9	45.2	122	86		125	93		75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,06-07,10-11,14-15,18-19 QC Batch ID: WG1927217-3 WG1927217-4 QC Sample: L2428918-01 Client ID: C5_0-0.2											
Mercury, Total	9.54	1.68	11.6	**122**	Q	10.1	**31**	Q	80-120	14	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1927563-3 WG1927563-4 QC Sample: L2428798-05 Client ID: MS Sample											
Aluminum, Total	0.0269	2	2.27	112		2.27	112		75-125	0	20
Antimony, Total	ND	0.5	0.4942	99		0.4922	98		75-125	0	20
Arsenic, Total	0.00121	0.12	0.1290	106		0.1283	106		75-125	1	20
Barium, Total	0.06791	2	2.114	102		2.103	102		75-125	1	20
Beryllium, Total	ND	0.05	0.05198	104		0.05172	103		75-125	1	20
Cadmium, Total	0.00014J	0.053	0.05052	95		0.05063	96		75-125	0	20
Calcium, Total	146.	10	167	**210**	Q	168	**220**	Q	75-125	1	20
Chromium, Total	ND	0.2	0.1540	77		0.1512	76		75-125	2	20
Cobalt, Total	0.00045J	0.5	0.5262	105		0.5218	104		75-125	1	20
Copper, Total	0.00077J	0.25	0.2538	102		0.2510	100		75-125	1	20
Iron, Total	0.887	1	2.20	**131**	Q	2.24	**135**	Q	75-125	2	20
Lead, Total	0.00281	0.53	0.5153	97		0.5188	97		75-125	1	20
Magnesium, Total	153.	10	171	**180**	Q	170	**170**	Q	75-125	1	20
Manganese, Total	0.1067	0.5	0.5954	98		0.5928	97		75-125	0	20
Nickel, Total	0.00428	0.5	0.5082	101		0.5038	100		75-125	1	20
Potassium, Total	55.7	10	83.2	**275**	Q	83.5	**278**	Q	75-125	0	20
Selenium, Total	ND	0.12	0.108	90		0.107	89		75-125	1	20
Silver, Total	ND	0.05	0.05503	110		0.05562	111		75-125	1	20
Sodium, Total	1350	10	1480	**1300**	Q	1450	**1000**	Q	75-125	2	20
Thallium, Total	ND	0.12	0.1258	105		0.1262	105		75-125	0	20
Vanadium, Total	ND	0.5	0.3866	77		0.3796	76		75-125	2	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05	QC Batch ID: WG1927563-3				WG1927563-4		QC Sample: L2428798-05	Client ID:	MS Sample
Zinc, Total	0.01532	0.5	0.5008	97	0.4755	92	75-125	5	20
Total Metals - Mansfield Lab Associated sample(s): 05	QC Batch ID: WG1927567-3				WG1927567-4		QC Sample: L2428798-05	Client ID:	MS Sample
Mercury, Total	ND	0.005	0.00434	87	0.00478	96	75-125	10	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2428918
Report Date: 06/03/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,06-07,10-11,14-15,18-19 QC Batch ID: WG1927216-6 QC Sample: L2428918-01 Client ID: C5_0-0.2						
Aluminum, Total	15800	16000	mg/kg	1		20
Arsenic, Total	64.6	55.9	mg/kg	13		20
Barium, Total	92.7	93.1	mg/kg	0		20
Calcium, Total	1160	1180	mg/kg	2		20
Chromium, Total	54.7	55.3	mg/kg	1		20
Copper, Total	26.1	25.8	mg/kg	1		20
Iron, Total	22400	23600	mg/kg	5		20
Magnesium, Total	5000	5150	mg/kg	3		20
Manganese, Total	403	415	mg/kg	3		20
Vanadium, Total	37.6	36.9	mg/kg	2		20
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1927563-6 QC Sample: L2428798-05 Client ID: DUP Sample						
Barium, Total	0.06791	0.06852	mg/l	1		20
Manganese, Total	0.1067	0.1352	mg/l	**27**	Q	20
Potassium, Total	55.7	70.9	mg/l	**27**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-01
Client ID: C5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 09:40
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	05/24/24 08:44	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.949	0.190	1	05/30/24 09:24	05/31/24 12:05	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-02
Client ID: C5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 10:30
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.6		%	0.100	NA	1	-	05/24/24 08:44	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	05/30/24 11:30	05/30/24 15:16	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.837	0.167	1	05/30/24 09:24	05/31/24 12:05	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-05
Client ID: FB_05232024
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Field Blank

Date Collected: 05/23/24 12:50
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	05/30/24 11:30	05/30/24 14:51	1,9010C/9012B	JER
Chromium, Hexavalent	0.003	J	mg/l	0.010	0.003	1	05/24/24 06:00	05/24/24 06:44	1,7196A	CAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-06
Client ID: A9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 12:55
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	56.7		%	0.100	NA	1	-	05/24/24 08:44	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.41	0.282	1	05/30/24 09:24	05/31/24 12:05	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-07
Client ID: A9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	05/24/24 08:44	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	05/31/24 15:00	05/31/24 17:45	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.966	0.193	1	05/30/24 09:24	05/31/24 12:05	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-10
Client ID: C12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 13:40
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.0		%	0.100	NA	1	-	05/24/24 08:44	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.01	0.202	1	05/30/24 09:24	05/31/24 12:05	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-11
Client ID: C12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 13:45
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	05/24/24 08:44	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	05/31/24 15:00	05/31/24 17:48	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.901	0.180	1	05/30/24 09:24	05/31/24 12:05	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-14
Client ID: A13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 14:30
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.4		%	0.100	NA	1	-	05/24/24 08:44	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.14	0.227	1	05/30/24 09:24	05/31/24 12:05	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-15
Client ID: A13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 14:35
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	05/24/24 08:44	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	05/30/24 15:10	05/31/24 12:34	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.937	0.187	1	05/30/24 09:24	05/31/24 12:05	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-18
Client ID: A13_7-9
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 14:50
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	05/24/24 08:44	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	05/30/24 11:30	05/30/24 15:18	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.909	0.182	1	05/30/24 09:24	05/31/24 12:05	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2428918-19
Client ID: DUP_05232024
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 12:00
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.4		%	0.100	NA	1	-	05/24/24 08:44	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.06	0.212	1	05/30/24 09:24	05/31/24 12:05	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428918
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1925336-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/24/24 06:00	05/24/24 06:43	1,7196A	CAR
General Chemistry - Westborough Lab for sample(s): 01-02,06-07,10-11,14-15,18-19 Batch: WG1927439-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	05/30/24 09:24	05/31/24 12:05	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1927538-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/30/24 11:30	05/30/24 14:24	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 02,18 Batch: WG1927555-1										
Cyanide, Total	ND		mg/kg	0.94	0.20	1	05/30/24 11:30	05/30/24 15:05	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 07,11 Batch: WG1927641-1										
Cyanide, Total	ND		mg/kg	0.94	0.20	1	05/31/24 15:00	05/31/24 17:30	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 15 Batch: WG1927647-1										
Cyanide, Total	ND		mg/kg	0.95	0.20	1	05/30/24 15:10	05/31/24 12:17	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1925336-2								
Chromium, Hexavalent	98		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,06-07,10-11,14-15,18-19 Batch: WG1927439-2								
Chromium, Hexavalent	88		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1927538-2 WG1927538-3								
Cyanide, Total	101		96		85-115	5		20
General Chemistry - Westborough Lab Associated sample(s): 02,18 Batch: WG1927555-2 WG1927555-3								
Cyanide, Total	108		**79**	Q	80-120	31		35
General Chemistry - Westborough Lab Associated sample(s): 07,11 Batch: WG1927641-2 WG1927641-3								
Cyanide, Total	102		103		80-120	1		35
General Chemistry - Westborough Lab Associated sample(s): 15 Batch: WG1927647-2 WG1927647-3								
Cyanide, Total	101		94		80-120	6		35

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1925336-4 QC Sample: L2428918-05 Client ID: FB_05232024												
Chromium, Hexavalent	0.003J	0.1	0.103	103		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,06-07,10-11,14-15,18-19 QC Batch ID: WG1927439-4 WG1927439-5 QC Sample: L2428918-01 Client ID: C5_0-0.2												
Chromium, Hexavalent	ND	1240	1020	82		1180	85		75-125	15		20
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1927538-4 WG1927538-5 QC Sample: L2428469-04 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.195	98		0.177	88		80-120	10		20
General Chemistry - Westborough Lab Associated sample(s): 02,18 QC Batch ID: WG1927555-4 WG1927555-5 QC Sample: L2428862-03 Client ID: MS Sample												
Cyanide, Total	0.30J	12	12	100		11	100		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 07,11 QC Batch ID: WG1927641-4 WG1927641-5 QC Sample: L2428918-07 Client ID: A9_0.2-2												
Cyanide, Total	ND	11	11	100		11	100		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 15 QC Batch ID: WG1927647-4 WG1927647-5 QC Sample: L2428902-05 Client ID: MS Sample												
Cyanide, Total	ND	10	10	98		9.1	88		75-125	9		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428918

Report Date: 06/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1925336-3 QC Sample: L2428918-05 Client ID: FB_05232024						
Chromium, Hexavalent	0.003J	0.003J	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,06-07,10-11,14-15,18-19 QC Batch ID: WG1925358-1 QC Sample: L2428918-01 Client ID: C5_0-0.2						
Solids, Total	84.3	84.9	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,06-07,10-11,14-15,18-19 QC Batch ID: WG1927439-7 QC Sample: L2428918-01 Client ID: C5_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428918-01A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2428918-01A1	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2428918-01A2	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2428918-01B	Glass 120ml/4oz unpreserved	D	NA		2.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2428918-01B1	Glass 120ml/4oz unpreserved	D	NA		2.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2428918-01B2	Glass 120ml/4oz unpreserved	D	NA		2.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2428918-01C	Glass 500ml/16oz unpreserved	D	NA		2.5	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2428918-01C1	Glass 500ml/16oz unpreserved	D	NA		2.5	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2428918-01C2	Glass 500ml/16oz unpreserved	D	NA		2.5	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2428918-02A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428918-02B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-02C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-02D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2428918-02E	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2428918-02F	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428918-02G	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428918-02X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-02Y	Vial Water preserved split	C	NA		3.4	Y	Absent	24-MAY-24 09:09	NYTCL-8260HLW(14)
L2428918-02Z	Vial Water preserved split	C	NA		3.4	Y	Absent	24-MAY-24 09:09	NYTCL-8260HLW(14)
L2428918-03A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		HOLD-METAL(180)
L2428918-03B	Glass 120ml/4oz unpreserved	D	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-03C	Glass 500ml/16oz unpreserved	D	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-04A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		HOLD-METAL(180)
L2428918-04B	Glass 120ml/4oz unpreserved	D	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-04C	Glass 500ml/16oz unpreserved	D	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-05A	Vial HCl preserved	C	NA		3.4	Y	Absent		NYTCL-8260(14)
L2428918-05B	Vial HCl preserved	C	NA		3.4	Y	Absent		NYTCL-8260(14)
L2428918-05C	Vial HCl preserved	C	NA		3.4	Y	Absent		NYTCL-8260(14)
L2428918-05D	Amber 100ml unpreserved	A	7	7	5.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2428918-05E	Amber 100ml unpreserved	A	7	7	5.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2428918-05F	Amber 120ml unpreserved	A	7	7	5.5	Y	Absent		NYTCL-8081(7)
L2428918-05G	Amber 120ml unpreserved	A	7	7	5.5	Y	Absent		NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428918-05H	Amber 120ml unpreserved	A	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2428918-05J	Amber 120ml unpreserved	A	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2428918-05K	Plastic 250ml unpreserved	A	7	7	5.5	Y	Absent		HEXCR-7196(1)
L2428918-05L	Plastic 250ml NaOH preserved	A	>12	>12	5.5	Y	Absent		TCN-9010(14)
L2428918-05M	Plastic 250ml HNO3 preserved	A	<2	<2	5.5	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2428918-05N	Amber 250ml unpreserved	A	7	7	5.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2428918-05O	Amber 250ml unpreserved	A	7	7	5.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2428918-05P	Amber 1000ml unpreserved	A	7	7	5.5	Y	Absent		HERB-APA(7)
L2428918-05Q	Amber 1000ml unpreserved	A	7	7	5.5	Y	Absent		HERB-APA(7)
L2428918-06A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2428918-06B	Glass 120ml/4oz unpreserved	D	NA		2.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2428918-06C	Glass 500ml/16oz unpreserved	D	NA		2.5	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2428918-07A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-07B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-07C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-07D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2428918-07E	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2428918-07F	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428918-07G	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428918-07X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-07Y	Vial Water preserved split	C	NA		3.4	Y	Absent	24-MAY-24 09:09	NYTCL-8260HLW(14)
L2428918-07Z	Vial Water preserved split	C	NA		3.4	Y	Absent	24-MAY-24 09:09	NYTCL-8260HLW(14)
L2428918-08A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		HOLD-METAL(180)
L2428918-08B	Glass 120ml/4oz unpreserved	D	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-08C	Glass 500ml/16oz unpreserved	D	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-09A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		HOLD-METAL(180)
L2428918-09B	Glass 120ml/4oz unpreserved	D	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-09C	Glass 500ml/16oz unpreserved	D	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-10A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2428918-10B	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2428918-10C	Glass 500ml/16oz unpreserved	A	NA		5.5	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2428918-11A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-11B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-11C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-11D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2428918-11E	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2428918-11F	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428918-11G	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428918-11X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-11Y	Vial Water preserved split	C	NA		3.4	Y	Absent	24-MAY-24 09:09	NYTCL-8260HLW(14)
L2428918-11Z	Vial Water preserved split	C	NA		3.4	Y	Absent	24-MAY-24 09:09	NYTCL-8260HLW(14)
L2428918-12A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		HOLD-METAL(180)
L2428918-12B	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-12C	Glass 500ml/16oz unpreserved	A	NA		5.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-13A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		HOLD-METAL(180)
L2428918-13B	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-13C	Glass 500ml/16oz unpreserved	A	NA		5.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-14A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2428918-14B	Glass 120ml/4oz unpreserved	D	NA		2.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2428918-14C	Glass 500ml/16oz unpreserved	D	NA		2.5	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2428918-15A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-15B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-15C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-15D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2428918-15E	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2428918-15F	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428918-15G	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428918-15X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-15Y	Vial Water preserved split	C	NA		3.4	Y	Absent	24-MAY-24 09:09	NYTCL-8260HLW(14)
L2428918-15Z	Vial Water preserved split	C	NA		3.4	Y	Absent	24-MAY-24 09:09	NYTCL-8260HLW(14)
L2428918-16A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		HOLD-METAL(180)
L2428918-16B	Glass 120ml/4oz unpreserved	D	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-16C	Glass 500ml/16oz unpreserved	D	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-17A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		HOLD-METAL(180)
L2428918-17B	Glass 120ml/4oz unpreserved	D	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-17C	Glass 500ml/16oz unpreserved	D	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8082(14)
L2428918-18A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-18B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-18C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-18D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2428918-18E	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2428918-18F	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428918-18G	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2428918-18X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2428918-18Y	Vial Water preserved split	C	NA		3.4	Y	Absent	24-MAY-24 09:09	NYTCL-8260HLW(14)
L2428918-18Z	Vial Water preserved split	C	NA		3.4	Y	Absent	24-MAY-24 09:09	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428918
Report Date: 06/03/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428918-19A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2428918-19B	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2428918-19C	Glass 500ml/16oz unpreserved	A	NA		5.5	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2428918-20A	Vial HCl preserved	C	NA		3.4	Y	Absent		NYTCL-8260(14)
L2428918-20B	Vial HCl preserved	C	NA		3.4	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428918
Project Number:	3858.0004Y000	**Report Date:**	06/03/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428918
Project Number:	3858.0004Y000	**Report Date:**	06/03/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428918
Project Number:	3858.0004Y000	**Report Date:**	06/03/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428918
Project Number:	3858.0004Y000	**Report Date:**	06/03/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 5/24/24

ALPHA Job #: L2428918

Client Information

Client: BANK
Address: 209 SHAPER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax:
Email: PLOMBINO@BANKENG.COM

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 550 DOUGLAS HERRY ROAD
Project # 3858.004Y600
(Use Project name as Project #) ☐
Project Manager: RON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time

Standard ☒ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 + 10 TICs TCL VOCs - 8260D	Part 375 + 20 TICs Mg/TCL SVOCs - 8270E	Part 375 TAL Pest - 8081A, 8151A	Part 375 Hex of Cr 7196 TAL Metals - 6020/Hg	Total Cyanide SM 4500	Part 375 TCL PCBs - 8082A			Sample Specific Comments	Total Bottle
28918-01	C5-0-0.2	5/23/24	0940	S	EL			X	X					MS/MSD	10
02	C5-0.2-2	"	1030	S	EL	X	X	X	X	X	X				7
03	C5-2-4	"	1035	S	EL			H	H					* HOLD	3
04	C5-4-6	"	1045	S	EL			H	H					* HOLD	3
05	PB-05232024	"	1250	W	EL	X	X	X	X	X	X				16
06	A9-0-0.2	"	1255	S	EL			X	X						3
07	A9-0.2-2	"	1300	S	EL	X	X	X	X	X	X				7
08	A9-2-4	"	1305	S	EL			H	H					* HOLD	3
09	A9-4-6	"	1310	S	EL			H	H					* HOLD	3
10	C12-0-0.2	"	1740	S	EL			X	X						3
	Container Type					P	A	A	A	A	A				
	Preservative					A	A	A	A	A	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/23/24 1310	OMAN	5-23-24 15:45
OMAN	5/23/24 17:47		5/24/24 18:45
	5/23/24		5/23 2216
	5/24 1:30		5/24/24 130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 5/24/24

ALPHA Job #: L2428918

Client Information
Client: Roux
Address: 2004 SHAFFER ST
ISLANDIA, NY 11749
Phone: 631-272-2600
Fax:
Email: RLOMBINO@ROUXINC.COM

Project Information
Project Name: ELMWOOD PRESERVE
Project Location: 850 DOBBS FERRY ROAD
Project # 3858.0004Y000
(Use Project name as Project #)
Project Manager: RON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time
Standard [X] Due Date: STANDARD
Rush (only if pre approved) [ ] # of Days:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[X] Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 + 10 TICs TCL VOCs - 8260D	Part 375 + 20 TICs Mostile SVOCs - 8270E	TAL Herb Part 375 TCL Pest - 8081B	Part 375 Hex Cr 7196 TAL Metals - 6020B	Total Cyanide SM4500	Part 375 TCL PCBs - 8082A			Sample Specific Comments	Total Bottle
28918-11	C12-0.2-2	5/23/24	1245	S	EL	X	X	X	X	X	X				7
12	C12-2-4	"	1350	S	EL			H	H					* Hold	3
13	C12-4-6	"	1355	S	EL			H	H					* Hold	3
14	A13-0-0.2	"	1430	S	EL			X	X						3
15	A13-0.2-2	"	1435	S	EL	X	X	X	X	X	X				7
16	A13-2-4	"	1440	S	EL			H	H					* Hold	3
17	A13-4-6	"	1445	S	EL			H	H					* Hold	3
18	A13-7-9	"	1450	S	EL	X	X	X	X	X	X				7
19	DUP-05232024	"	1200	S	EL			X	X						3
20	TB-05232024	5/20/24	—	W	EL	X									2

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Container Type	E	A	A	A	A	A			
Preservative	A	A	A	A	A	A			

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/23/24 1310	OMAN	5-23-24 15:40
OMAN	5/23/24 17:07		5/23/24 18:40
	5/20/24		5/23 2210
	5/24 1130		5/24/24 130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2428941
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/11/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428941
Report Date: 06/11/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2428941-01	C5_0.2-2_P	SOIL	850 DOBBS FERRY ROAD	05/23/24 10:30	05/23/24
L2428941-02	FB_05232024_P	WATER	850 DOBBS FERRY ROAD	05/23/24 11:00	05/23/24
L2428941-03	A9_0.2-2_P	SOIL	850 DOBBS FERRY ROAD	05/23/24 13:00	05/23/24
L2428941-04	C12_0.2-2_P	SOIL	850 DOBBS FERRY ROAD	05/23/24 13:45	05/23/24
L2428941-05	A13_0.2-2_P	SOIL	850 DOBBS FERRY ROAD	05/23/24 14:35	05/23/24
L2428941-06	A13_7-9_P	SOIL	850 DOBBS FERRY ROAD	05/23/24 14:50	05/23/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428941
Project Number:	3858.0004Y000	**Report Date:**	06/11/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428941
Project Number:	3858.0004Y000	**Report Date:**	06/11/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by 1633

WG1931829-1 and WG1931829-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Ashley Boucher Ashley Boucher

Title: Technical Director/Representative Date: 06/11/24

ORGANICS

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-01
Client ID: C5_0.2-2_P
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 10:30
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/11/24 08:01
Analyst: AC
Percent Solids: 95%

Extraction Method: EPA 1633
Extraction Date: 06/10/24 05:09
Cleanup Method: EPA 1633
Cleanup Date: 06/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.786	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.393	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.196	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.786	0.079	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.196	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.196	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.196	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.196	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.196	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.786	0.275	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.196	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.196	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	0.125	J	ng/g	0.196	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.196	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.786	0.381	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.196	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.196	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.196	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.196	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.196	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.196	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.196	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.196	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.196	0.104	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.786	0.097	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.786	0.144	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.196	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428941

Project Number: 3858.0004Y000 **Report Date:** 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-01 Date Collected: 05/23/24 10:30

Client ID: C5_0.2-2_P Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.786	0.193	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.786	0.164	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.196	0.098	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.196	0.110	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.96	0.246	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.96	0.502	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.393	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.393	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.393	0.082	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.393	0.094	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.983	0.142	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.91	0.496	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.91	1.73	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428941

Project Number: 3858.0004Y000 **Report Date:** 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-01 Date Collected: 05/23/24 10:30

Client ID: C5_0.2-2_P Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	132		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	68		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	71		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	86		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	62		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	68		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	46		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	48		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	54		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	56		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-02
Client ID: FB_05232024_P
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 11:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/11/24 09:39
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/10/24 14:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.31	1.01	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.16	0.844	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.58	0.529	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.31	1.65	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.58	0.466	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.58	0.276	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.58	0.316	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.58	0.379	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.58	0.686	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.31	2.13	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.58	0.426	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.58	0.497	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.58	0.718	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.58	0.639	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.31	2.45	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.58	0.489	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.58	0.860	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.58	0.686	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.58	0.363	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.58	0.426	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.58	0.852	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.58	0.726	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.58	0.592	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.58	0.418	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.31	0.884	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.31	0.994	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.58	0.600	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428941

Project Number: 3858.0004Y000 **Report Date:** 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-02 Date Collected: 05/23/24 11:00

Client ID: FB_05232024_P Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.31	1.30	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.31	1.30	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.58	0.686	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.58	0.726	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.8	3.71	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.8	1.93	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.16	0.450	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.16	0.418	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.16	0.347	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.16	1.86	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.89	2.60	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.4	9.23	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.4	6.23	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428941

Project Number: 3858.0004Y000 **Report Date:** 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-02 Date Collected: 05/23/24 11:00

Client ID: FB_05232024_P Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	75		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	77		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	123		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	73		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	77		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	69		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	60		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	68		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	62		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	74		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	58		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	56		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	70		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	51		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	70		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	49		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	48		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	59		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	62		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-03
Client ID: A9_0.2-2_P
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/11/24 08:14
Analyst: AC
Percent Solids: 81%

Extraction Method: EPA 1633
Extraction Date: 06/10/24 05:09
Cleanup Method: EPA 1633
Cleanup Date: 06/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.211	J	ng/g	0.769	0.048	1
Perfluoropentanoic Acid (PFPeA)	0.131	J	ng/g	0.384	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.192	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.769	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.125	J	ng/g	0.192	0.045	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.192	0.022	1
Perfluoroheptanoic Acid (PFHpA)	0.154	J	ng/g	0.192	0.022	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.192	0.057	1
Perfluorooctanoic Acid (PFOA)	0.585		ng/g	0.192	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.769	0.269	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.192	0.035	1
Perfluorononanoic Acid (PFNA)	0.176	J	ng/g	0.192	0.075	1
Perfluorooctanesulfonic Acid (PFOS)	0.745		ng/g	0.192	0.076	1
Perfluorodecanoic Acid (PFDA)	0.083	J	ng/g	0.192	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.769	0.372	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.192	0.041	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.192	0.096	1
Perfluoroundecanoic Acid (PFUnA)	0.102	J	ng/g	0.192	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.192	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.192	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.192	0.079	1
Perfluorododecanoic Acid (PFDoA)	0.042	J	ng/g	0.192	0.039	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.192	0.051	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.192	0.102	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.769	0.095	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.769	0.141	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.192	0.037	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428941

Project Number: 3858.0004Y000 **Report Date:** 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-03 Date Collected: 05/23/24 13:00

Client ID: A9_0.2-2_P Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.769	0.188	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.769	0.161	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.192	0.096	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.192	0.108	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.92	0.241	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.92	0.490	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.384	0.039	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.384	0.030	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.384	0.080	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.384	0.092	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.961	0.138	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.80	0.485	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.80	1.69	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428941

Project Number: 3858.0004Y000 **Report Date:** 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-03 Date Collected: 05/23/24 13:00

Client ID: A9_0.2-2_P Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	135		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	66		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	108		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	111		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	92		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	67		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	61		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	65		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	68		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	75		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-04
Client ID: C12_0.2-2_P
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 13:45
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/11/24 08:27
Analyst: AC
Percent Solids: 89%

Extraction Method: EPA 1633
Extraction Date: 06/10/24 05:09
Cleanup Method: EPA 1633
Cleanup Date: 06/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.791	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.395	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.791	0.080	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.032	J	ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.059	1
Perfluorooctanoic Acid (PFOA)	0.101	J	ng/g	0.198	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.791	0.277	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.198	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.791	0.383	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.105	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.791	0.097	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.791	0.145	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428941

Project Number: 3858.0004Y000 **Report Date:** 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-04 Date Collected: 05/23/24 13:45

Client ID: C12_0.2-2_P Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.791	0.194	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.791	0.165	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.111	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.248	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.504	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.395	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.395	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.395	0.082	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.395	0.094	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.989	0.142	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.94	0.499	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.94	1.74	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428941

Project Number: 3858.0004Y000 **Report Date:** 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-04 Date Collected: 05/23/24 13:45

Client ID: C12_0.2-2_P Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	79		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	137		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	67		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	74		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	86		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	63		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	52		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	54		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	62		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-05
Client ID: A13_0.2-2_P
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 14:35
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/11/24 08:40
Analyst: AC
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 06/10/24 05:09
Cleanup Method: EPA 1633
Cleanup Date: 06/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.152	J	ng/g	0.747	0.047	1
Perfluoropentanoic Acid (PFPeA)	0.078	J	ng/g	0.374	0.052	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.187	0.040	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.747	0.075	1
Perfluorohexanoic Acid (PFHxA)	0.070	J	ng/g	0.187	0.043	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.187	0.022	1
Perfluoroheptanoic Acid (PFHpA)	0.110	J	ng/g	0.187	0.022	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.187	0.055	1
Perfluorooctanoic Acid (PFOA)	0.426		ng/g	0.187	0.049	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.747	0.261	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.187	0.034	1
Perfluorononanoic Acid (PFNA)	0.099	J	ng/g	0.187	0.073	1
Perfluorooctanesulfonic Acid (PFOS)	0.702		ng/g	0.187	0.074	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.187	0.070	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.747	0.362	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.187	0.040	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.187	0.093	1
Perfluoroundecanoic Acid (PFUnA)	0.059	J	ng/g	0.187	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.187	0.030	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.187	0.040	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.187	0.077	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.187	0.038	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.187	0.049	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.187	0.099	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.747	0.092	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.747	0.137	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.187	0.036	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428941

Project Number: 3858.0004Y000 **Report Date:** 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-05 Date Collected: 05/23/24 14:35

Client ID: A13_0.2-2_P Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.747	0.183	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.747	0.156	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.187	0.093	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.187	0.104	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.87	0.234	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.87	0.476	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.374	0.038	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.374	0.029	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.374	0.078	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.374	0.089	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.934	0.134	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.67	0.471	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.67	1.64	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428941

Project Number: 3858.0004Y000 **Report Date:** 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-05 Date Collected: 05/23/24 14:35

Client ID: A13_0.2-2_P Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	75		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	129		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	65		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	75		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	71		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	73		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	80		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	86		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	56		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	62		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	59		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	63		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-06
Client ID: A13_7-9_P
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 14:50
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/11/24 08:53
Analyst: AC
Percent Solids: 88%

Extraction Method: EPA 1633
Extraction Date: 06/10/24 05:09
Cleanup Method: EPA 1633
Cleanup Date: 06/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.758	0.048	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.379	0.053	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.190	0.041	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.758	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.190	0.044	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.190	0.022	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.190	0.022	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.190	0.056	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.190	0.049	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.758	0.265	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.190	0.035	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.190	0.074	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.190	0.075	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.190	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.758	0.367	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.190	0.040	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.190	0.095	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.190	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.190	0.030	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.190	0.041	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.190	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.190	0.039	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.190	0.050	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.190	0.101	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.758	0.093	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.758	0.139	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.190	0.036	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428941

Project Number: 3858.0004Y000 **Report Date:** 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-06 Date Collected: 05/23/24 14:50

Client ID: A13_7-9_P Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.758	0.186	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.758	0.158	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.190	0.095	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.190	0.106	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.90	0.237	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.90	0.484	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.379	0.039	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.379	0.030	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.379	0.079	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.379	0.090	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.948	0.136	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.74	0.478	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.74	1.67	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2428941

Project Number: 3858.0004Y000 **Report Date:** 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-06 Date Collected: 05/23/24 14:50

Client ID: A13_7-9_P Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	132		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	68		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	72		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	82		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	92		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	88		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	72		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	67		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	55		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	68		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/10/24 23:56
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 06/10/24 05:09
Cleanup Method: EPA 1633
Cleanup Date: 06/10/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,03-06 Batch: WG1931829-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/10/24 23:56
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 06/10/24 05:09
Cleanup Method: EPA 1633
Cleanup Date: 06/10/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,03-06 Batch: WG1931829-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/10/24 23:56
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 06/10/24 05:09
Cleanup Method: EPA 1633
Cleanup Date: 06/10/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,03-06 Batch: WG1931829-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	86		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**152**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	118		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	96		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	97		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	51		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	68		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	49		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	48		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	55		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	57		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/11/24 07:18
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/10/24 14:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02 Batch: WG1932089-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/11/24 07:18
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/10/24 14:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02 Batch: WG1932089-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/11/24 07:18
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/10/24 14:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02 Batch: WG1932089-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	72		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	79		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	132		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	75		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	74		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	75		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	66		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	62		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	61		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	49		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	70		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	52		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	56		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	58		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428941
Report Date: 06/11/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03-06 Batch: WG1931829-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	111		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	112		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	102		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	110		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	109		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	111		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	119		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	108		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	99		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	128		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	103		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	112		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	115		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	106		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	109		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	118		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	92		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	110		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	111		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	106		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	112		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428941

Report Date: 06/11/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03-06 Batch: WG1931829-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	90		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	120		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	107		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	119		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	89		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	124		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	118		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	113		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	115		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	114		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	112		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	113		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	112		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	100		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	84		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	94		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	91		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	60		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428941
Report Date: 06/11/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03-06 Batch: WG1931829-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	91				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**153**	Q			20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	122				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	107				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	93				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	88				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	55				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	68				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	58				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	60				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428941
Report Date: 06/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03-06 Batch: WG1931829-3								
Perfluorobutanoic Acid (PFBA)	96		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	106		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	94		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	96		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	100		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	102		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	109		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	93		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	80		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	115		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	99		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	103		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	100		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	116		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	108		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	81		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	99		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	104		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	95		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	103		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	102		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428941
Report Date: 06/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03-06 Batch: WG1931829-3								
Perfluorotridecanoic Acid (PFTrDA)	83		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	111		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	98		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	111		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	89		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	105		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	110		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	100		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	105		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	106		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	103		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	102		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	103		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	98		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	85		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	83		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	81		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	63		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428941

Report Date: 06/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03-06 Batch: WG1931829-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	134				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	109				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	86				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	97				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	68				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	54				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	59				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428941
Report Date: 06/11/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1932089-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	122		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	118		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	128		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	103		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	118		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	115		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	122		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	118		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	129		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	124		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	128		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	125		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	132		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	124		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	124		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	119		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	92		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	138		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	98		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	118		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	119		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	130		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428941

Report Date: 06/11/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1932089-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	133		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	116		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	119		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	130		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	102		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	100		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	95		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	99		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	106		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	113		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	115		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	108		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	129		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	122		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	114		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	121		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	95		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	108		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428941
Report Date: 06/11/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1932089-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	62				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	68				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	65				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	116				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	67				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	65				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	62				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	63				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	65				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	56				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	58				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	61				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	53				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	49				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	58				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	46				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	63				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	54				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	58				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	58				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428941
Report Date: 06/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1932089-3								
Perfluorobutanoic Acid (PFBA)	116		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	120		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	116		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	109		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	116		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	115		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	114		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	109		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	116		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	103		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	127		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	108		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	115		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	115		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	132		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	103		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	104		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	118		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	90		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	110		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	123		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	118		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428941

Report Date: 06/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1932089-3								
Perfluorotridecanoic Acid (PFTrDA)	123		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	122		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	115		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	117		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	80		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	89		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	73		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	139		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	114		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	111		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	120		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	126		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	115		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	101		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	100		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	120		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	91		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	93		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2428941

Report Date: 06/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1932089-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	143				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	115				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	72				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	76				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	77				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	77				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	62				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	59				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	57				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	54				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	58				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	70				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	62				20-150

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-01
Client ID: C5_0.2-2_P
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 10:30
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	94.9		%	0.100	0.100	1	-	05/28/24 07:52	121,2540G	KAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-03
Client ID: A9_0.2-2_P
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	80.9		%	0.100	0.100	1	-	05/28/24 07:52	121,2540G	KAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-04
Client ID: C12_0.2-2_P
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 13:45
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	89.2		%	0.100	0.100	1	-	05/28/24 07:52	121,2540G	KAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-05
Client ID: A13_0.2-2_P
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 14:35
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	82.0		%	0.100	0.100	1	-	05/28/24 07:52	121,2540G	KAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2428941
Report Date: 06/11/24

SAMPLE RESULTS

Lab ID: L2428941-06
Client ID: A13_7-9_P
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 14:50
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	88.2		%	0.100	0.100	1	-	05/28/24 07:52	121,2540G	KAR

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428941
Report Date: 06/11/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Mansfield Lab Associated sample(s): 01,03-06 QC Batch ID: WG1926298-1 QC Sample: L2428811-02 Client ID: DUP Sample						
Solids, Total	76.7	77.2	%	1		10

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428941
Report Date: 06/11/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428941-01A	Plastic 8oz unpreserved	D	NA		2.5	Y	Absent		A2-1633-DRAFT(90)
L2428941-01B	Plastic 2oz unpreserved for TS	D	NA		2.5	Y	Absent		A2-TS(7)
L2428941-02A	Plastic 500ml unpreserved	D	NA		2.5	Y	Absent		A2-1633-DRAFT(28)
L2428941-02B	Plastic 500ml unpreserved	D	NA		2.5	Y	Absent		A2-1633-DRAFT(28)
L2428941-03A	Plastic 8oz unpreserved	D	NA		2.5	Y	Absent		A2-1633-DRAFT(90)
L2428941-03B	Plastic 2oz unpreserved for TS	D	NA		2.5	Y	Absent		A2-TS(7)
L2428941-04A	Plastic 8oz unpreserved	D	NA		2.5	Y	Absent		A2-1633-DRAFT(90)
L2428941-04B	Plastic 2oz unpreserved for TS	D	NA		2.5	Y	Absent		A2-TS(7)
L2428941-05A	Plastic 8oz unpreserved	D	NA		2.5	Y	Absent		A2-1633-DRAFT(90)
L2428941-05B	Plastic 2oz unpreserved for TS	D	NA		2.5	Y	Absent		A2-TS(7)
L2428941-06A	Plastic 8oz unpreserved	D	NA		2.5	Y	Absent		A2-1633-DRAFT(90)
L2428941-06B	Plastic 2oz unpreserved for TS	D	NA		2.5	Y	Absent		A2-TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428941
Report Date: 06/11/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2428941
Report Date: 06/11/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428941
Project Number:	3858.0004Y000	**Report Date:**	06/11/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428941
Project Number:	3858.0004Y000	**Report Date:**	06/11/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428941
Project Number:	3858.0004Y000	**Report Date:**	06/11/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2428941
Project Number:	3858.0004Y000	**Report Date:**	06/11/24

REFERENCES

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/24/24

ALPHA Job #: L2428941

Client Information

Client: Roux
Address: 209 SHAFTER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax:
Email: RLOMBINO@ROUXINC.COM

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 850 DUBBS FERRY ROAD
Project #: 38558.00049000
(Use Project name as Project #)
Project Manager: DON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time

Standard [X] Due Date: STANDARD
Rush (only if pre approved) [ ] # of Days:

Deliverables

[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information

[X] Same as Client Info
PO #

Regulatory Requirement

[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

[ ] These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

PFAS - USEPA 1633

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PFAS - USEPA 1633	Sample Specific Comments	Total Bottle
28471-01	CS-0.2-2-P	5/23/24	1030	S	EL	X		2
-02	FB-05232024-P	"	1100	W	EL	X		2
-03	AA-0.2-2-P	"	1200	S	EL	X		2
-04	C12-0.2-2-P	"	1345	S	EL	X		2
-05	A13-0.2-2-P	"	1435	S	EL	X		2
-06	A13-7-9-P	"	1450	S	EL	X		2

Container Type: P
Preservative: A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/23/24 15:10	OMAN	5-23-24 15:43
OMAN	5/23/24 17:47		5/23/24 1847
	5/23/24		5/23 2210
	5/24 1:30		5/24/24 130
Fedex 5/24/24 0500		Mendoza ARL	5/24/24 0505
			5/24/24 @10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2429225
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/04/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429225
Report Date: 06/04/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2429225-01	E8_0-0.2	SOIL	850 DOBBS FERRY ROAD	05/24/24 10:30	05/24/24
L2429225-02	E8_0.2-2	SOIL	850 DOBBS FERRY ROAD	05/24/24 10:40	05/24/24
L2429225-03	FB_05242024	FIELD BLANK	850 DOBBS FERRY ROAD	05/24/24 10:55	05/24/24
L2429225-04	E8_2-4	SOIL	850 DOBBS FERRY ROAD	05/24/24 11:15	05/24/24
L2429225-05	E8_4-6	SOIL	850 DOBBS FERRY ROAD	05/24/24 11:20	05/24/24
L2429225-06	DUP_05242024	SOIL	850 DOBBS FERRY ROAD	05/24/24 11:00	05/24/24
L2429225-07	TB_05242024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD	05/20/24 00:00	05/24/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2429225
Project Number:	3858.0004Y000	**Report Date:**	06/04/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2429225
Project Number:	3858.0004Y000	**Report Date:**	06/04/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG1927292-3 LCSD recovery, associated with L2429225-03, is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals

L2429225-01, -02, and -06: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1928203-1 Method Blank, associated with L2429225-01, -02, and -06, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration, no corrective action is required.

The WG1928203-3/-4 MS/MSD recoveries for aluminum (630%/632%), iron (872%/680%), and manganese (MS 0%), performed on L2429225-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1928203-3/-4 MS/MSD recoveries, performed on L2429225-01, are outside the acceptance criteria for arsenic (MS 128%) and potassium (MSD 133%). A post digestion spike was performed and was within acceptance criteria.

Hexavalent Chromium

The WG1927511-4/-5 Insoluble MS/MSD recoveries for chromium, hexavalent (42%/47%), performed on L2429225-01, are outside the acceptance criteria. The Soluble MS recovery for chromium, hexavalent (34%) was also outside criteria. This has been attributed to matrix interference. A post-spike was performed with a recovery of 93%. The MS/MSD RPD for chromium, hexavalent (47%) is above the acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 06/04/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-02
Client ID: E8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 10:40
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/30/24 10:58
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-02 Date Collected: 05/24/24 10:40

Client ID: E8_0.2-2 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.25	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.82	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-02 Date Collected: 05/24/24 10:40

Client ID: E8_0.2-2 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-03
Client ID: FB_05242024
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/24/24 10:55
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8260D
Analytical Date: 05/30/24 12:03
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-03 Date Collected: 05/24/24 10:55

Client ID: FB_05242024 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-03 Date Collected: 05/24/24 10:55

Client ID: FB_05242024 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-06
Client ID: DUP_05242024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 11:00
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/30/24 11:24
Analyst: AJK
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.67	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.73	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.4	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-06 Date Collected: 05/24/24 11:00

Client ID: DUP_05242024 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.5	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
Vinyl acetate	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.67	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.3	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.15	1
Naphthalene	ND		ug/kg	5.4	0.87	1
Acrylonitrile	ND		ug/kg	5.4	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-06 Date Collected: 05/24/24 11:00

Client ID: DUP_05242024 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	1.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-07
Client ID: TB_05242024
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/20/24 00:00
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 05/30/24 12:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-07 Date Collected: 05/20/24 00:00

Client ID: TB_05242024 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-07 Date Collected: 05/20/24 00:00

Client ID: TB_05242024 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/30/24 08:24
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,07 Batch: WG1927673-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/30/24 08:24
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,07 Batch: WG1927673-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/30/24 08:24
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,07 Batch: WG1927673-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/30/24 08:24
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,07 Batch: WG1927673-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/30/24 09:13
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06 Batch: WG1927816-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/30/24 09:13
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06 Batch: WG1927816-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.70	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/30/24 09:13
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06 Batch: WG1927816-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	2.12	J	ug/kg
Unknown	2.12	J	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/30/24 09:13
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06 Batch: WG1927816-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,07 Batch: WG1927673-3 WG1927673-4								
Methylene chloride	98		99		70-130	1		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	97		99		63-130	2		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	130		130		62-150	0		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	94		94		54-136	0		20
1,1,2,2-Tetrachloroethane	110		120		67-130	9		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	99		98		64-130	1		20
Bromomethane	67		66		39-139	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,07 Batch: WG1927673-3 WG1927673-4								
Vinyl chloride	130		130		55-140	0		20
Chloroethane	130		130		55-138	0		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	98		96		70-130	2		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	91		94		63-130	3		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	98		110		70-130	12		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	88		93		58-148	6		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	91		97		63-138	6		20
Vinyl acetate	**200**	Q	**210**	Q	70-130	5		20
4-Methyl-2-pentanone	88		96		59-130	9		20
2-Hexanone	87		91		57-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,07 Batch: WG1927673-3 WG1927673-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	98		99		70-130	1		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	83		84		41-144	1		20
Hexachlorobutadiene	100		110		63-130	10		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	91		94		70-130	3		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	98		99		70-130	1		20
1,2,4-Trichlorobenzene	99		99		70-130	0		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	90		94		56-162	4		20
p-Diethylbenzene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,07 Batch: WG1927673-3 WG1927673-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	110		110		59-134	0		20
trans-1,4-Dichloro-2-butene	93		94		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		104		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06 Batch: WG1927816-3 WG1927816-4								
Methylene chloride	89		86		70-130	3		30
1,1-Dichloroethane	92		88		70-130	4		30
Chloroform	95		90		70-130	5		30
Carbon tetrachloride	97		91		70-130	6		30
1,2-Dichloropropane	93		89		70-130	4		30
Dibromochloromethane	102		100		70-130	2		30
1,1,2-Trichloroethane	94		92		70-130	2		30
Tetrachloroethene	90		86		70-130	5		30
Chlorobenzene	96		91		70-130	5		30
Trichlorofluoromethane	91		86		70-139	6		30
1,2-Dichloroethane	90		87		70-130	3		30
1,1,1-Trichloroethane	98		93		70-130	5		30
Bromodichloromethane	97		93		70-130	4		30
trans-1,3-Dichloropropene	98		95		70-130	3		30
cis-1,3-Dichloropropene	88		85		70-130	3		30
1,1-Dichloropropene	86		82		70-130	5		30
Bromoform	98		97		70-130	1		30
1,1,2,2-Tetrachloroethane	96		94		70-130	2		30
Benzene	96		92		70-130	4		30
Toluene	94		89		70-130	5		30
Ethylbenzene	95		90		70-130	5		30
Chloromethane	79		72		52-130	9		30
Bromomethane	63		58		57-147	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06 Batch: WG1927816-3 WG1927816-4								
Vinyl chloride	79		72		67-130	9		30
Chloroethane	80		76		50-151	5		30
1,1-Dichloroethene	87		81		65-135	7		30
trans-1,2-Dichloroethene	93		87		70-130	7		30
Trichloroethene	94		90		70-130	4		30
1,2-Dichlorobenzene	98		95		70-130	3		30
1,3-Dichlorobenzene	99		94		70-130	5		30
1,4-Dichlorobenzene	99		94		70-130	5		30
Methyl tert butyl ether	97		95		66-130	2		30
p/m-Xylene	88		84		70-130	5		30
o-Xylene	86		82		70-130	5		30
cis-1,2-Dichloroethene	93		88		70-130	6		30
Dibromomethane	96		92		70-130	4		30
Styrene	87		84		70-130	4		30
Dichlorodifluoromethane	78		72		30-146	8		30
Acetone	89		91		54-140	2		30
Carbon disulfide	88		82		59-130	7		30
2-Butanone	92		94		70-130	2		30
Vinyl acetate	106		97		70-130	9		30
4-Methyl-2-pentanone	90		89		70-130	1		30
1,2,3-Trichloropropane	90		91		68-130	1		30
2-Hexanone	97		98		70-130	1		30
Bromochloromethane	98		94		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06 Batch: WG1927816-3 WG1927816-4								
2,2-Dichloropropane	98		92		70-130	6		30
1,2-Dibromoethane	100		97		70-130	3		30
1,3-Dichloropropane	96		92		69-130	4		30
1,1,1,2-Tetrachloroethane	96		93		70-130	3		30
Bromobenzene	97		94		70-130	3		30
n-Butylbenzene	101		96		70-130	5		30
sec-Butylbenzene	98		93		70-130	5		30
tert-Butylbenzene	98		94		70-130	4		30
o-Chlorotoluene	110		93		70-130	17		30
p-Chlorotoluene	98		93		70-130	5		30
1,2-Dibromo-3-chloropropane	101		101		68-130	0		30
Hexachlorobutadiene	98		95		67-130	3		30
Isopropylbenzene	90		86		70-130	5		30
p-Isopropyltoluene	92		88		70-130	4		30
Naphthalene	106		105		70-130	1		30
Acrylonitrile	90		88		70-130	2		30
n-Propylbenzene	99		94		70-130	5		30
1,2,3-Trichlorobenzene	102		99		70-130	3		30
1,2,4-Trichlorobenzene	107		103		70-130	4		30
1,3,5-Trimethylbenzene	99		94		70-130	5		30
1,2,4-Trimethylbenzene	96		92		70-130	4		30
1,4-Dioxane	96		94		65-136	2		30
p-Diethylbenzene	97		92		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06 Batch: WG1927816-3 WG1927816-4								
p-Ethyltoluene	99		94		70-130	5		30
1,2,4,5-Tetramethylbenzene	103		99		70-130	4		30
Ethyl ether	98		95		67-130	3		30
trans-1,4-Dichloro-2-butene	95		97		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		93		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	98		97		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-02
Client ID: E8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 10:40
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/31/24 03:35
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/30/24 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-02 Date Collected: 05/24/24 10:40

Client ID: E8_0.2-2 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-02 Date Collected: 05/24/24 10:40

Client ID: E8_0.2-2 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	92		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-03
Client ID: FB_05242024
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E
Analytical Date: 06/01/24 06:06
Analyst: JG

Date Collected: 05/24/24 10:55
Date Received: 05/24/24
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 05/30/24 17:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-03 Date Collected: 05/24/24 10:55

Client ID: FB_05242024 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.9	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	0.81	J	ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	4.40	J	ug/l			1
Unknown	4.40	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	74		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2429225
Project Number: 3858.0004Y000
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-03
Client ID: FB_05242024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 10:55
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/24 21:47
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/30/24 20:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-03
Client ID: FB_05242024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 10:55
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 06/01/24 20:33
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/30/24 17:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-03 Date Collected: 05/24/24 10:55

Client ID: FB_05242024 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	89		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-06
Client ID: DUP_05242024
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/24/24 11:00
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/31/24 08:20
Analyst: IM
Percent Solids: 82%
Extraction Method: EPA 3546
Extraction Date: 05/30/24 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	31	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-06 Date Collected: 05/24/24 11:00

Client ID: DUP_05242024 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	26	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-06 Date Collected: 05/24/24 11:00

Client ID: DUP_05242024 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1
Tentatively Identified Compounds						
Total TIC Compounds	376	J	ug/kg			1
Unknown Organic Acid	189	J	ug/kg			1
Unknown	187	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	91		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/30/24 11:22
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 22:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1927292-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/30/24 11:22
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 22:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1927292-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/30/24 11:22
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 22:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1927292-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	124	J	ug/l
Unknown	4.70	J	ug/l
Unknown	4.90	J	ug/l
Unknown	6.30	J	ug/l
Unknown	8.70	J	ug/l
Unknown	4.00	J	ug/l
Unknown	4.30	J	ug/l
Unknown	4.10	J	ug/l
Unknown	5.20	J	ug/l
Unknown	9.90	J	ug/l
Unknown	12.1	J	ug/l

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/30/24 11:22
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 22:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1927292-1					
Tentatively Identified Compounds					
Unknown	8.90	J	ug/l		
Unknown	6.70	J	ug/l		
Unknown	6.90	J	ug/l		
Unknown	7.60	J	ug/l		
Unknown	5.00	J	ug/l		
Unknown	5.50	J	ug/l		
Unknown	4.50	J	ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	74		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/30/24 15:53
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 22:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03 Batch: WG1927293-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/30/24 15:53
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 05/29/24 22:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03 Batch: WG1927293-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	77		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/30/24 15:39
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 05/30/24 06:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06 Batch: WG1927411-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/30/24 15:39
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 05/30/24 06:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06 Batch: WG1927411-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/30/24 15:39
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 05/30/24 06:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06 Batch: WG1927411-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	75		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/24 20:45
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 05/30/24 20:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 03 Batch: WG1927613-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	36		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429225
Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1927292-2 WG1927292-3								
Acenaphthene	85		89		37-111	5		30
1,2,4-Trichlorobenzene	58		64		39-98	10		30
Hexachlorobenzene	82		88		40-140	7		30
Bis(2-chloroethyl)ether	75		81		40-140	8		30
2-Chloronaphthalene	71		74		40-140	4		30
1,2-Dichlorobenzene	63		70		40-140	11		30
1,3-Dichlorobenzene	62		68		40-140	9		30
1,4-Dichlorobenzene	62		67		36-97	8		30
3,3'-Dichlorobenzidine	114		120		40-140	5		30
2,4-Dinitrotoluene	100		95		48-143	5		30
2,6-Dinitrotoluene	88		91		40-140	3		30
Fluoranthene	106		104		40-140	2		30
4-Chlorophenyl phenyl ether	84		85		40-140	1		30
4-Bromophenyl phenyl ether	89		91		40-140	2		30
Bis(2-chloroisopropyl)ether	87		96		40-140	10		30
Bis(2-chloroethoxy)methane	80		87		40-140	8		30
Hexachlorobutadiene	56		59		40-140	5		30
Hexachlorocyclopentadiene	52		55		40-140	6		30
Hexachloroethane	59		64		40-140	8		30
Isophorone	78		86		40-140	10		30
Naphthalene	68		76		40-140	11		30
Nitrobenzene	73		80		40-140	9		30
NDPA/DPA	99		103		40-140	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429225
Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1927292-2 WG1927292-3								
n-Nitrosodi-n-propylamine	78		84		29-132	7		30
Bis(2-ethylhexyl)phthalate	138		138		40-140	0		30
Butyl benzyl phthalate	125		129		40-140	3		30
Di-n-butylphthalate	112		113		40-140	1		30
Di-n-octylphthalate	**142**	Q	**144**	Q	40-140	1		30
Diethyl phthalate	109		106		40-140	3		30
Dimethyl phthalate	95		94		40-140	1		30
Benzo(a)anthracene	106		106		40-140	0		30
Benzo(a)pyrene	117		114		40-140	3		30
Benzo(b)fluoranthene	115		114		40-140	1		30
Benzo(k)fluoranthene	112		107		40-140	5		30
Chrysene	108		104		40-140	4		30
Acenaphthylene	77		82		45-123	6		30
Anthracene	99		102		40-140	3		30
Benzo(ghi)perylene	109		110		40-140	1		30
Fluorene	88		91		40-140	3		30
Phenanthrene	96		98		40-140	2		30
Dibenzo(a,h)anthracene	113		113		40-140	0		30
Indeno(1,2,3-cd)pyrene	118		123		40-140	4		30
Pyrene	102		102		26-127	0		30
Biphenyl	78		80		40-140	3		30
4-Chloroaniline	74		74		40-140	0		30
2-Nitroaniline	92		92		52-143	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429225
Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1927292-2 WG1927292-3								
3-Nitroaniline	95		94		25-145	1		30
4-Nitroaniline	97		99		51-143	2		30
Dibenzofuran	86		86		40-140	0		30
2-Methylnaphthalene	70		73		40-140	4		30
1,2,4,5-Tetrachlorobenzene	67		68		2-134	1		30
Acetophenone	92		99		39-129	7		30
2,4,6-Trichlorophenol	90		40		30-130	**77**	Q	30
p-Chloro-m-cresol	83		82		23-97	1		30
2-Chlorophenol	73		51		27-123	**35**	Q	30
2,4-Dichlorophenol	83		56		30-130	**39**	Q	30
2,4-Dimethylphenol	87		92		30-130	6		30
2-Nitrophenol	86		56		30-130	**42**	Q	30
4-Nitrophenol	60		22		10-80	**93**	Q	30
2,4-Dinitrophenol	88		46		20-130	**63**	Q	30
4,6-Dinitro-o-cresol	113		51		20-164	**76**	Q	30
Pentachlorophenol	91		42		9-103	**74**	Q	30
Phenol	35		31		12-110	12		30
2-Methylphenol	63		68		30-130	8		30
3-Methylphenol/4-Methylphenol	65		66		30-130	2		30
2,4,5-Trichlorophenol	94		48		30-130	**65**	Q	30
Benzoic Acid	36		**0**	Q	10-164	NC		30
Benzyl Alcohol	64		69		26-116	8		30
Carbazole	103		105		55-144	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1927292-2 WG1927292-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	41		22		21-120
Phenol-d6	29		25		10-120
Nitrobenzene-d5	68		71		23-120
2-Fluorobiphenyl	63		64		15-120
2,4,6-Tribromophenol	88		47		10-120
4-Terphenyl-d14	83		84		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429225
Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03 Batch: WG1927293-2 WG1927293-3								
Acenaphthene	91		88		40-140	3		40
2-Chloronaphthalene	76		75		40-140	1		40
Fluoranthene	106		102		40-140	4		40
Hexachlorobutadiene	64		61		40-140	5		40
Naphthalene	74		77		40-140	4		40
Benzo(a)anthracene	113		109		40-140	4		40
Benzo(a)pyrene	124		117		40-140	6		40
Benzo(b)fluoranthene	121		113		40-140	7		40
Benzo(k)fluoranthene	125		118		40-140	6		40
Chrysene	109		109		40-140	0		40
Acenaphthylene	85		84		40-140	1		40
Anthracene	102		99		40-140	3		40
Benzo(ghi)perylene	123		116		40-140	6		40
Fluorene	93		90		40-140	3		40
Phenanthrene	110		100		40-140	10		40
Dibenzo(a,h)anthracene	132		128		40-140	3		40
Indeno(1,2,3-cd)pyrene	136		127		40-140	7		40
Pyrene	104		101		40-140	3		40
2-Methylnaphthalene	76		76		40-140	0		40
Pentachlorophenol	86		**31**	Q	40-140	**94**	Q	40
Hexachlorobenzene	102		95		40-140	7		40
Hexachloroethane	65		63		40-140	3		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03 Batch: WG1927293-2 WG1927293-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	47		22		21-120
Phenol-d6	34		27		10-120
Nitrobenzene-d5	77		78		23-120
2-Fluorobiphenyl	70		66		15-120
2,4,6-Tribromophenol	78		40		10-120
4-Terphenyl-d14	82		79		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06 Batch: WG1927411-2 WG1927411-3								
Acenaphthene	74		70		31-137	6		50
1,2,4-Trichlorobenzene	68		66		38-107	3		50
Hexachlorobenzene	73		70		40-140	4		50
Bis(2-chloroethyl)ether	70		70		40-140	0		50
2-Chloronaphthalene	75		70		40-140	7		50
1,2-Dichlorobenzene	65		62		40-140	5		50
1,3-Dichlorobenzene	63		61		40-140	3		50
1,4-Dichlorobenzene	62		62		28-104	0		50
3,3'-Dichlorobenzidine	69		67		40-140	3		50
2,4-Dinitrotoluene	87		82		40-132	6		50
2,6-Dinitrotoluene	86		86		40-140	0		50
Fluoranthene	76		75		40-140	1		50
4-Chlorophenyl phenyl ether	74		69		40-140	7		50
4-Bromophenyl phenyl ether	74		70		40-140	6		50
Bis(2-chloroisopropyl)ether	88		86		40-140	2		50
Bis(2-chloroethoxy)methane	78		75		40-117	4		50
Hexachlorobutadiene	66		63		40-140	5		50
Hexachlorocyclopentadiene	97		94		40-140	3		50
Hexachloroethane	67		68		40-140	1		50
Isophorone	74		73		40-140	1		50
Naphthalene	72		68		40-140	6		50
Nitrobenzene	76		73		40-140	4		50
NDPA/DPA	74		70		36-157	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06 Batch: WG1927411-2 WG1927411-3								
n-Nitrosodi-n-propylamine	76		74		32-121	3		50
Bis(2-ethylhexyl)phthalate	97		95		40-140	2		50
Butyl benzyl phthalate	92		92		40-140	0		50
Di-n-butylphthalate	81		79		40-140	3		50
Di-n-octylphthalate	100		99		40-140	1		50
Diethyl phthalate	74		70		40-140	6		50
Dimethyl phthalate	77		74		40-140	4		50
Benzo(a)anthracene	77		77		40-140	0		50
Benzo(a)pyrene	80		79		40-140	1		50
Benzo(b)fluoranthene	83		81		40-140	2		50
Benzo(k)fluoranthene	76		77		40-140	1		50
Chrysene	80		78		40-140	3		50
Acenaphthylene	77		75		40-140	3		50
Anthracene	76		74		40-140	3		50
Benzo(ghi)perylene	76		76		40-140	0		50
Fluorene	74		69		40-140	7		50
Phenanthrene	74		72		40-140	3		50
Dibenzo(a,h)anthracene	77		76		40-140	1		50
Indeno(1,2,3-cd)pyrene	79		79		40-140	0		50
Pyrene	77		75		35-142	3		50
Biphenyl	73		70		37-127	4		50
4-Chloroaniline	77		69		40-140	11		50
2-Nitroaniline	89		88		47-134	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429225
Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06 Batch: WG1927411-2 WG1927411-3								
3-Nitroaniline	80		75		26-129	6		50
4-Nitroaniline	68		71		41-125	4		50
Dibenzofuran	72		67		40-140	7		50
2-Methylnaphthalene	77		73		40-140	5		50
1,2,4,5-Tetrachlorobenzene	71		67		40-117	6		50
Acetophenone	74		71		14-144	4		50
2,4,6-Trichlorophenol	83		80		30-130	4		50
p-Chloro-m-cresol	81		80		26-103	1		50
2-Chlorophenol	72		70		25-102	3		50
2,4-Dichlorophenol	78		76		30-130	3		50
2,4-Dimethylphenol	91		86		30-130	6		50
2-Nitrophenol	88		83		30-130	6		50
4-Nitrophenol	97		93		11-114	4		50
2,4-Dinitrophenol	78		69		4-130	12		50
4,6-Dinitro-o-cresol	93		88		10-130	6		50
Pentachlorophenol	72		66		17-109	9		50
Phenol	70		69		26-90	1		50
2-Methylphenol	78		76		30-130.	3		50
3-Methylphenol/4-Methylphenol	80		75		30-130	6		50
2,4,5-Trichlorophenol	83		79		30-130	5		50
Benzoic Acid	42		41		10-110	2		50
Benzyl Alcohol	74		72		40-140	3		50
Carbazole	80		77		54-128	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06 Batch: WG1927411-2 WG1927411-3								
1,4-Dioxane	50		55		40-140	10		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		68		25-120
Phenol-d6	71		68		10-120
Nitrobenzene-d5	71		68		23-120
2-Fluorobiphenyl	69		65		30-120
2,4,6-Tribromophenol	67		64		10-136
4-Terphenyl-d14	66		64		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 03 Batch: WG1927613-2 WG1927613-3								
1,4-Dioxane	126		124		40-140	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	39		41		15-110

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-02
Client ID: E8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 10:40
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/02/24 14:06
Analyst: SDC
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/30/24 18:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.3	5.00	1	A
Aroclor 1221	ND		ug/kg	56.3	5.64	1	A
Aroclor 1232	ND		ug/kg	56.3	11.9	1	A
Aroclor 1242	ND		ug/kg	56.3	7.58	1	A
Aroclor 1248	ND		ug/kg	56.3	8.44	1	B
Aroclor 1254	ND		ug/kg	56.3	6.16	1	A
Aroclor 1260	ND		ug/kg	56.3	10.4	1	A
Aroclor 1262	ND		ug/kg	56.3	7.15	1	A
Aroclor 1268	ND		ug/kg	56.3	5.83	1	A
PCBs, Total	ND		ug/kg	56.3	5.00	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-03
Client ID: FB_05242024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 10:55
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8082A
Analytical Date: 06/01/24 14:26
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 06/01/24 00:25
Cleanup Method: EPA 3665A
Cleanup Date: 06/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-06
Client ID: DUP_05242024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 11:00
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/02/24 11:53
Analyst: SDC
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 05/30/24 18:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.0	5.07	1	A
Aroclor 1221	ND		ug/kg	57.0	5.72	1	A
Aroclor 1232	ND		ug/kg	57.0	12.1	1	A
Aroclor 1242	ND		ug/kg	57.0	7.69	1	A
Aroclor 1248	ND		ug/kg	57.0	8.56	1	A
Aroclor 1254	ND		ug/kg	57.0	6.24	1	A
Aroclor 1260	ND		ug/kg	57.0	10.5	1	A
Aroclor 1262	ND		ug/kg	57.0	7.24	1	A
Aroclor 1268	ND		ug/kg	57.0	5.91	1	A
PCBs, Total	ND		ug/kg	57.0	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/31/24 06:30
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 05/30/24 12:50
Cleanup Method: EPA 3665A
Cleanup Date: 05/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,06 Batch: WG1927660-1						
Aroclor 1016	ND		ug/kg	48.5	4.31	A
Aroclor 1221	ND		ug/kg	48.5	4.86	A
Aroclor 1232	ND		ug/kg	48.5	10.3	A
Aroclor 1242	ND		ug/kg	48.5	6.54	A
Aroclor 1248	ND		ug/kg	48.5	7.28	A
Aroclor 1254	ND		ug/kg	48.5	5.31	A
Aroclor 1260	ND		ug/kg	48.5	8.97	A
Aroclor 1262	ND		ug/kg	48.5	6.16	A
Aroclor 1268	ND		ug/kg	48.5	5.03	A
PCBs, Total	ND		ug/kg	48.5	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/01/24 13:51
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/24 07:30
Cleanup Method: EPA 3665A
Cleanup Date: 06/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03 Batch: WG1927988-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	113		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06 Batch: WG1927660-2 WG1927660-3									
Aroclor 1016	62		60		40-140	3		50	A
Aroclor 1260	61		60		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		58		30-150	A
Decachlorobiphenyl	60		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		60		30-150	B
Decachlorobiphenyl	62		59		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03 Batch: WG1927988-2 WG1927988-3									
Aroclor 1016	68		75		40-140	9		50	A
Aroclor 1260	64		73		40-140	13		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		72		30-150	A
Decachlorobiphenyl	78		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		74		30-150	B
Decachlorobiphenyl	113		117		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-01
Client ID: E8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 10:30
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/01/24 15:35
Analyst: AKM
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 05/30/24 18:25
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.12	0.416	1	A
Lindane	ND		ug/kg	0.884	0.395	1	A
Alpha-BHC	ND		ug/kg	0.884	0.251	1	A
Beta-BHC	ND		ug/kg	2.12	0.804	1	A
Heptachlor	ND		ug/kg	1.06	0.476	1	A
Aldrin	ND		ug/kg	2.12	0.747	1	A
Heptachlor epoxide	17.1		ug/kg	3.98	1.19	1	B
Endrin	ND		ug/kg	0.884	0.362	1	A
Endrin aldehyde	ND		ug/kg	2.65	0.928	1	A
Endrin ketone	ND		ug/kg	2.12	0.546	1	A
Dieldrin	3.53		ug/kg	1.33	0.663	1	A
4,4'-DDE	34.6		ug/kg	2.12	0.491	1	B
4,4'-DDD	ND	IP	ug/kg	2.12	0.757	1	B
4,4'-DDT	13.1		ug/kg	2.12	1.71	1	B
Endosulfan I	ND		ug/kg	2.12	0.501	1	A
Endosulfan II	ND		ug/kg	2.12	0.709	1	A
Endosulfan sulfate	ND		ug/kg	0.884	0.421	1	A
Methoxychlor	ND		ug/kg	3.98	1.24	1	A
Toxaphene	ND		ug/kg	39.8	11.1	1	A
cis-Chlordane	2.99	IP	ug/kg	2.65	0.739	1	B
trans-Chlordane	4.00	IP	ug/kg	2.65	0.700	1	B
Chlordane	ND		ug/kg	17.7	7.03	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-01 Date Collected: 05/24/24 10:30

Client ID: E8_0-0.2 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-01
Client ID: E8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 10:30
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/02/24 09:13
Analyst: MMG
Percent Solids: 73%
Methylation Date: 06/01/24 14:49

Extraction Method: EPA 8151A
Extraction Date: 05/31/24 11:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	227	14.3	1	A
2,4,5-T	ND		ug/kg	227	7.03	1	A
2,4,5-TP (Silvex)	ND		ug/kg	227	6.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-02
Client ID: E8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 10:40
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/01/24 16:09
Analyst: AKM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/30/24 18:25
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.760	0.340	1	A
Alpha-BHC	ND		ug/kg	0.760	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.691	1	A
Heptachlor	ND		ug/kg	0.912	0.409	1	A
Aldrin	ND		ug/kg	1.82	0.642	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.02	1	A
Endrin	ND		ug/kg	0.760	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.798	1	A
Endrin ketone	ND		ug/kg	1.82	0.470	1	A
Dieldrin	ND		ug/kg	1.14	0.570	1	A
4,4'-DDE	0.472	J	ug/kg	1.82	0.422	1	A
4,4'-DDD	ND		ug/kg	1.82	0.650	1	A
4,4'-DDT	ND		ug/kg	1.82	1.47	1	B
Endosulfan I	ND		ug/kg	1.82	0.431	1	A
Endosulfan II	ND		ug/kg	1.82	0.609	1	A
Endosulfan sulfate	ND		ug/kg	0.760	0.362	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.57	1	A
cis-Chlordane	ND		ug/kg	2.28	0.635	1	A
trans-Chlordane	ND		ug/kg	2.28	0.602	1	A
Chlordane	ND		ug/kg	15.2	6.04	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-02 Date Collected: 05/24/24 10:40

Client ID: E8_0.2-2 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-02
Client ID: E8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 10:40
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/02/24 10:09
Analyst: MMG
Percent Solids: 85%
Methylation Date: 06/01/24 14:49

Extraction Method: EPA 8151A
Extraction Date: 05/31/24 11:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	195	12.3	1	A
2,4,5-T	ND		ug/kg	195	6.05	1	A
2,4,5-TP (Silvex)	ND		ug/kg	195	5.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2429225
Project Number: 3858.0004Y000
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-03
Client ID: FB_05242024
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/24/24 10:55
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 05/31/24 10:06
Analyst: AKM
Extraction Method: EPA 3510C
Extraction Date: 05/30/24 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-03 Date Collected: 05/24/24 10:55

Client ID: FB_05242024 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-03
Client ID: FB_05242024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 10:55
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 05/29/24 01:14
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 20:23

Methylation Date: 05/27/24 09:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-06
Client ID: DUP_05242024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 11:00
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/01/24 16:20
Analyst: AKM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 05/30/24 18:25
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.377	1	A
Lindane	ND		ug/kg	0.802	0.358	1	A
Alpha-BHC	ND		ug/kg	0.802	0.228	1	A
Beta-BHC	ND		ug/kg	1.92	0.730	1	A
Heptachlor	ND		ug/kg	0.962	0.431	1	A
Aldrin	ND		ug/kg	1.92	0.678	1	A
Heptachlor epoxide	1.20	JIP	ug/kg	3.61	1.08	1	A
Endrin	ND		ug/kg	0.802	0.329	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.842	1	A
Endrin ketone	ND		ug/kg	1.92	0.496	1	A
Dieldrin	0.654	J	ug/kg	1.20	0.602	1	A
4,4'-DDE	8.56		ug/kg	1.92	0.445	1	B
4,4'-DDD	ND		ug/kg	1.92	0.686	1	A
4,4'-DDT	2.38		ug/kg	1.92	1.55	1	B
Endosulfan I	ND		ug/kg	1.92	0.455	1	A
Endosulfan II	ND		ug/kg	1.92	0.643	1	A
Endosulfan sulfate	ND		ug/kg	0.802	0.382	1	A
Methoxychlor	ND		ug/kg	3.61	1.12	1	A
Toxaphene	ND		ug/kg	36.1	10.1	1	A
cis-Chlordane	ND	IP	ug/kg	2.41	0.670	1	B
trans-Chlordane	1.12	JIP	ug/kg	2.41	0.635	1	B
Chlordane	ND		ug/kg	16.0	6.38	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-06 Date Collected: 05/24/24 11:00

Client ID: DUP_05242024 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-06
Client ID: DUP_05242024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 11:00
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/02/24 10:27
Analyst: MMG
Percent Solids: 82%
Methylation Date: 06/01/24 14:49

Extraction Method: EPA 8151A
Extraction Date: 05/31/24 11:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	201	12.7	1	A
2,4,5-T	ND		ug/kg	201	6.23	1	A
2,4,5-TP (Silvex)	ND		ug/kg	201	5.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/28/24 23:41
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 05/26/24 20:23

Methylation Date: 05/27/24 09:04

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 03 Batch: WG1926102-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/30/24 10:38
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 05/30/24 05:55

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1927379-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/30/24 10:38
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 05/30/24 05:55

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1927379-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/01/24 13:52
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 05/30/24 18:25
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,06 Batch: WG1927813-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.656	0.293	A
Alpha-BHC	ND		ug/kg	0.656	0.186	A
Beta-BHC	ND		ug/kg	1.58	0.598	A
Heptachlor	ND		ug/kg	0.788	0.353	A
Aldrin	ND		ug/kg	1.58	0.555	A
Heptachlor epoxide	ND		ug/kg	2.95	0.886	A
Endrin	ND		ug/kg	0.656	0.269	A
Endrin aldehyde	ND		ug/kg	1.97	0.689	A
Endrin ketone	ND		ug/kg	1.58	0.406	A
Dieldrin	ND		ug/kg	0.985	0.492	A
4,4'-DDE	ND		ug/kg	1.58	0.364	A
4,4'-DDD	ND		ug/kg	1.58	0.562	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.372	A
Endosulfan II	ND		ug/kg	1.58	0.526	A
Endosulfan sulfate	ND		ug/kg	0.656	0.312	A
Methoxychlor	ND		ug/kg	2.95	0.919	A
Toxaphene	ND		ug/kg	29.5	8.27	A
cis-Chlordane	ND		ug/kg	1.97	0.549	A
trans-Chlordane	ND		ug/kg	1.97	0.520	A
Chlordane	ND		ug/kg	13.1	5.22	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/01/24 13:52
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 05/30/24 18:25
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,06 Batch: WG1927813-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/02/24 09:10
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 05/31/24 11:01

Methylation Date: 06/01/24 14:49

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,06 Batch: WG1928122-1						
2,4-D	ND		ug/kg	163	10.3	A
2,4,5-T	ND		ug/kg	163	5.06	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	59		30-150	A
DCAA	79		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1926102-2 WG1926102-3									
2,4-D	95		95		30-150	0		25	A
2,4,5-T	101		101		30-150	0		25	A
2,4,5-TP (Silvex)	94		94		30-150	0		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	91		92		30-150	A
DCAA	106		106		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1927379-2 WG1927379-3									
Delta-BHC	90		88		30-150	3		20	A
Lindane	93		90		30-150	3		20	A
Alpha-BHC	101		98		30-150	3		20	A
Beta-BHC	92		90		30-150	3		20	A
Heptachlor	86		83		30-150	3		20	A
Aldrin	96		93		30-150	3		20	A
Heptachlor epoxide	94		91		30-150	3		20	A
Endrin	96		93		30-150	3		20	A
Endrin aldehyde	74		73		30-150	1		20	A
Endrin ketone	85		82		30-150	3		20	A
Dieldrin	104		101		30-150	3		20	A
4,4'-DDE	99		95		30-150	4		20	A
4,4'-DDD	104		99		30-150	5		20	A
4,4'-DDT	87		85		30-150	3		20	A
Endosulfan I	94		90		30-150	5		20	A
Endosulfan II	98		95		30-150	4		20	A
Endosulfan sulfate	84		81		30-150	4		20	A
Methoxychlor	83		80		30-150	4		20	A
cis-Chlordane	89		86		30-150	4		20	A
trans-Chlordane	101		97		30-150	4		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1927379-2 WG1927379-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		89		30-150	A
Decachlorobiphenyl	53		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		85		30-150	B
Decachlorobiphenyl	86		86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1927813-2 WG1927813-3									
Delta-BHC	89		98		30-150	10		30	A
Lindane	90		95		30-150	5		30	A
Alpha-BHC	94		98		30-150	4		30	A
Beta-BHC	103		118		30-150	14		30	A
Heptachlor	95		100		30-150	5		30	A
Aldrin	94		100		30-150	6		30	A
Heptachlor epoxide	80		79		30-150	1		30	A
Endrin	98		104		30-150	6		30	A
Endrin aldehyde	95		102		30-150	7		30	A
Endrin ketone	96		105		30-150	9		30	A
Dieldrin	107		113		30-150	5		30	A
4,4'-DDE	95		102		30-150	7		30	A
4,4'-DDD	101		109		30-150	8		30	A
4,4'-DDT	99		108		30-150	9		30	A
Endosulfan I	95		101		30-150	6		30	A
Endosulfan II	99		107		30-150	8		30	A
Endosulfan sulfate	89		99		30-150	11		30	A
Methoxychlor	111		121		30-150	9		30	A
cis-Chlordane	92		97		30-150	5		30	A
trans-Chlordane	112		119		30-150	6		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1927813-2 WG1927813-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		76		30-150	A
Decachlorobiphenyl	78		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		79		30-150	B
Decachlorobiphenyl	72		89		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1928122-2 WG1928122-3									
2,4-D	73		64		30-150	13		30	A
2,4,5-T	78		72		30-150	8		30	A
2,4,5-TP (Silvex)	77		72		30-150	7		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	68		59		30-150	A
DCAA	91		79		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,06 QC Batch ID: WG1927813-4 WG1927813-5 QC Sample: L2429225-01 Client ID: E8_0-0.2													
Delta-BHC	ND	44.1	42.6	97		46.6	109		30-150	9		50	A
Lindane	ND	44.1	34.1	77		37.2	87		30-150	9		50	A
Alpha-BHC	ND	44.1	36.0	82		39.2	91		30-150	9		50	A
Beta-BHC	ND	44.1	39.4P	89		42.0	98		30-150	6		50	A
Heptachlor	ND	44.1	36.6	83		40.8	95		30-150	11		50	A
Aldrin	ND	44.1	35.9	81		39.2	91		30-150	9		50	A
Heptachlor epoxide	17.1	44.1	50.5	76		56.5	92		30-150	11		50	B
Endrin	ND	44.1	36.7	83		39.6	92		30-150	8		50	A
Endrin aldehyde	ND	44.1	37.9	86		42.1	98		30-150	11		50	A
Endrin ketone	ND	44.1	40.4	92		44.1	103		30-150	9		50	A
Dieldrin	3.53	44.1	43.0	90		47.0	101		30-150	9		50	A
4,4'-DDE	34.6	44.1	66.0	71		73.5	91		30-150	11		50	B
4,4'-DDD	NDIP	44.1	37.5	85		41.9	98		30-150	11		50	B
4,4'-DDT	13.1	44.1	40.0	61		44.7	74		30-150	11		50	B
Endosulfan I	ND	44.1	36.6	83		39.6	92		30-150	8		50	A
Endosulfan II	ND	44.1	37.4	85		40.5	95		30-150	8		50	A
Endosulfan sulfate	ND	44.1	34.6	79		38.2	89		30-150	10		50	A
Methoxychlor	ND	44.1	44.7	101		47.5	111		30-150	6		50	A
cis-Chlordane	2.99IP	44.1	38.6	81		42.4	92		30-150	9		50	B
trans-Chlordane	4.00IP	44.1	44.0	91		49.6	106		30-150	12		50	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,06 QC Batch ID: WG1927813-4 WG1927813-5 QC Sample: L2429225-01 Client ID: E8_0-0.2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		72		30-150	A
Decachlorobiphenyl	69		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		78		30-150	B
Decachlorobiphenyl	70		85		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,06 QC Batch ID: WG1928122-4 WG1928122-5 QC Sample: L2429225-01 Client ID: E8_0-0.2													
2,4-D	ND	226	177J	78		189J	84		30-150	7		30	A
2,4,5-T	ND	226	190J	84		203J	90		30-150	7		30	A
2,4,5-TP (Silvex)	ND	226	192J	85		194J	86		30-150	1		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	77		83		30-150	A
DCAA	83		88		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-01 Date Collected: 05/24/24 10:30

Client ID: E8_0-0.2 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	19900		mg/kg	10.5	2.83	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Antimony, Total	0.608	J	mg/kg	5.24	0.398	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Arsenic, Total	48.8		mg/kg	1.05	0.218	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Barium, Total	90.7		mg/kg	1.05	0.182	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.833		mg/kg	0.524	0.035	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	1.05	0.103	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Calcium, Total	567		mg/kg	10.5	3.67	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Chromium, Total	27.1		mg/kg	1.05	0.101	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Cobalt, Total	9.73		mg/kg	2.10	0.174	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Copper, Total	20.6		mg/kg	1.05	0.270	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Iron, Total	21300		mg/kg	5.24	0.946	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Lead, Total	150		mg/kg	5.24	0.281	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Magnesium, Total	4160		mg/kg	10.5	1.61	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Manganese, Total	685		mg/kg	1.05	0.167	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Mercury, Total	0.264		mg/kg	0.087	0.057	1	06/01/24 13:00	06/03/24 12:59	EPA 7471B	1,7471B	JWN
Nickel, Total	18.7		mg/kg	2.62	0.254	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Potassium, Total	1170		mg/kg	262	15.1	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Selenium, Total	0.460	J	mg/kg	2.10	0.270	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.524	0.296	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Sodium, Total	35.8	J	mg/kg	210	3.30	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Thallium, Total	ND		mg/kg	2.10	0.330	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Vanadium, Total	36.3		mg/kg	1.05	0.213	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA
Zinc, Total	65.8		mg/kg	5.24	0.307	2	06/01/24 08:50	06/02/24 17:22	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-02 Date Collected: 05/24/24 10:40

Client ID: E8_0.2-2 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17500		mg/kg	8.88	2.40	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Antimony, Total	0.390	J	mg/kg	4.44	0.337	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Arsenic, Total	28.7		mg/kg	0.888	0.185	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Barium, Total	111		mg/kg	0.888	0.154	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.650		mg/kg	0.444	0.029	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.888	0.087	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Calcium, Total	579		mg/kg	8.88	3.11	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Chromium, Total	25.9		mg/kg	0.888	0.085	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Cobalt, Total	8.64		mg/kg	1.78	0.147	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Copper, Total	16.7		mg/kg	0.888	0.229	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Iron, Total	21100		mg/kg	4.44	0.802	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Lead, Total	59.1		mg/kg	4.44	0.238	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Magnesium, Total	4270		mg/kg	8.88	1.37	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Manganese, Total	466		mg/kg	0.888	0.141	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Mercury, Total	0.079		mg/kg	0.074	0.048	1	06/01/24 13:00	06/03/24 13:22	EPA 7471B	1,7471B	JWN
Nickel, Total	16.3		mg/kg	2.22	0.215	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Potassium, Total	2270		mg/kg	222	12.8	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.78	0.229	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.444	0.251	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Sodium, Total	86.8	J	mg/kg	178	2.80	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Thallium, Total	ND		mg/kg	1.78	0.280	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Vanadium, Total	38.9		mg/kg	0.888	0.180	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA
Zinc, Total	55.0		mg/kg	4.44	0.260	2	06/01/24 08:50	06/02/24 18:02	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-03 Date Collected: 05/24/24 10:55

Client ID: FB_05242024 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Barium, Total	0.00017	J	mg/l	0.00050	0.00017	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/30/24 14:00	05/31/24 12:20	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	05/30/24 11:30	06/03/24 16:32	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/30/24 11:30	06/03/24 13:51	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-06 Date Collected: 05/24/24 11:00

Client ID: DUP_05242024 Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18000		mg/kg	9.48	2.56	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Antimony, Total	0.364	J	mg/kg	4.74	0.360	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Arsenic, Total	20.1		mg/kg	0.948	0.197	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Barium, Total	103		mg/kg	0.948	0.165	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.690		mg/kg	0.474	0.031	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.948	0.093	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Calcium, Total	552		mg/kg	9.48	3.32	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Chromium, Total	27.6		mg/kg	0.948	0.091	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Cobalt, Total	9.86		mg/kg	1.90	0.157	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Copper, Total	18.2		mg/kg	0.948	0.245	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Iron, Total	23600		mg/kg	4.74	0.856	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Lead, Total	46.2		mg/kg	4.74	0.254	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Magnesium, Total	4530		mg/kg	9.48	1.46	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Manganese, Total	521		mg/kg	0.948	0.151	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Mercury, Total	0.098		mg/kg	0.079	0.051	1	06/01/24 13:00	06/03/24 13:25	EPA 7471B	1,7471B	JWN
Nickel, Total	17.5		mg/kg	2.37	0.230	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Potassium, Total	2270		mg/kg	237	13.6	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.90	0.245	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.474	0.268	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Sodium, Total	63.0	J	mg/kg	190	2.99	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Thallium, Total	ND		mg/kg	1.90	0.299	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Vanadium, Total	40.1		mg/kg	0.948	0.192	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA
Zinc, Total	54.6		mg/kg	4.74	0.278	2	06/01/24 08:50	06/02/24 18:06	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429225

Project Number: 3858.0004Y000 **Report Date:** 06/04/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03 Batch: WG1927563-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Sodium, Total	0.0640	J	mg/l	0.100	0.0293	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/30/24 11:30	06/03/24 10:03	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03 Batch: WG1927567-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/30/24 14:00	05/31/24 11:17	1,7470A	MJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,06 Batch: WG1928203-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Barium, Total	ND		mg/kg	0.400	0.070	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Chromium, Total	0.213	J	mg/kg	0.400	0.038	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Copper, Total	ND		mg/kg	0.400	0.103	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Iron, Total	2.44		mg/kg	2.00	0.361	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Lead, Total	ND		mg/kg	2.00	0.107	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Manganese, Total	0.344	J	mg/kg	0.400	0.064	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Nickel, Total	0.191	J	mg/kg	1.00	0.097	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Potassium, Total	ND		mg/kg	100	5.76	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Silver, Total	ND		mg/kg	0.200	0.113	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA

Prep Information

Digestion Method: EPA 3050B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,06 Batch: WG1928206-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/01/24 13:00	06/03/24 12:52	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1927563-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	86		-		80-120	-		
Arsenic, Total	106		-		80-120	-		
Barium, Total	101		-		80-120	-		
Beryllium, Total	104		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Calcium, Total	99		-		80-120	-		
Chromium, Total	93		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	102		-		80-120	-		
Iron, Total	106		-		80-120	-		
Lead, Total	105		-		80-120	-		
Magnesium, Total	115		-		80-120	-		
Manganese, Total	97		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Potassium, Total	115		-		80-120	-		
Selenium, Total	106		-		80-120	-		
Silver, Total	116		-		80-120	-		
Sodium, Total	118		-		80-120	-		
Thallium, Total	116		-		80-120	-		
Vanadium, Total	93		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1927563-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1927567-2					
Mercury, Total	81	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,06 Batch: WG1928203-2					
Aluminum, Total	98	-	80-120	-	
Antimony, Total	92	-	80-120	-	
Arsenic, Total	91	-	80-120	-	
Barium, Total	101	-	80-120	-	
Beryllium, Total	101	-	80-120	-	
Cadmium, Total	93	-	80-120	-	
Calcium, Total	102	-	80-120	-	
Chromium, Total	91	-	80-120	-	
Cobalt, Total	91	-	80-120	-	
Copper, Total	92	-	80-120	-	
Iron, Total	103	-	80-120	-	
Lead, Total	92	-	80-120	-	
Magnesium, Total	92	-	80-120	-	
Manganese, Total	101	-	80-120	-	
Nickel, Total	92	-	80-120	-	
Potassium, Total	101	-	80-120	-	
Selenium, Total	93	-	80-120	-	
Silver, Total	91	-	80-120	-	
Sodium, Total	102	-	80-120	-	
Thallium, Total	93	-	80-120	-	
Vanadium, Total	90	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,06 Batch: WG1928203-2					
Zinc, Total	92	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,06 Batch: WG1928206-2					
Mercury, Total	104	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429225
Report Date: 06/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1927563-3 WG1927563-4 QC Sample: L2428798-05 Client ID: MS Sample												
Aluminum, Total	0.0269	2	2.27	112		2.27	112		75-125	0		20
Antimony, Total	ND	0.5	0.4942	99		0.4922	98		75-125	0		20
Arsenic, Total	0.00121	0.12	0.1290	106		0.1283	106		75-125	1		20
Barium, Total	0.06791	2	2.114	102		2.103	102		75-125	1		20
Beryllium, Total	ND	0.05	0.05198	104		0.05172	103		75-125	1		20
Cadmium, Total	0.00014J	0.053	0.05052	95		0.05063	96		75-125	0		20
Calcium, Total	146.	10	167	**210**	Q	168	**220**	Q	75-125	1		20
Chromium, Total	ND	0.2	0.1540	77		0.1512	76		75-125	2		20
Cobalt, Total	0.00045J	0.5	0.5262	105		0.5218	104		75-125	1		20
Copper, Total	0.00077J	0.25	0.2538	102		0.2510	100		75-125	1		20
Iron, Total	0.887	1	2.20	**131**	Q	2.24	**135**	Q	75-125	2		20
Lead, Total	0.00281	0.53	0.5153	97		0.5188	97		75-125	1		20
Magnesium, Total	153.	10	171	**180**	Q	170	**170**	Q	75-125	1		20
Manganese, Total	0.1067	0.5	0.5954	98		0.5928	97		75-125	0		20
Nickel, Total	0.00428	0.5	0.5082	101		0.5038	100		75-125	1		20
Potassium, Total	55.7	10	83.2	**275**	Q	83.5	**278**	Q	75-125	0		20
Selenium, Total	ND	0.12	0.108	90		0.107	89		75-125	1		20
Silver, Total	ND	0.05	0.05503	110		0.05562	111		75-125	1		20
Sodium, Total	1350	10	1480	**1300**	Q	1450	**1000**	Q	75-125	2		20
Thallium, Total	ND	0.12	0.1258	105		0.1262	105		75-125	0		20
Vanadium, Total	ND	0.5	0.3866	77		0.3796	76		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429225
Report Date: 06/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03	QC Batch ID: WG1927563-3				WG1927563-4		QC Sample: L2428798-05	Client ID:	MS Sample
Zinc, Total	0.01532	0.5	0.5008	97	0.4755	92	75-125	5	20
Total Metals - Mansfield Lab Associated sample(s): 03	QC Batch ID: WG1927567-3				WG1927567-4		QC Sample: L2428798-05	Client ID:	MS Sample
Mercury, Total	ND	0.005	0.00434	87	0.00478	96	75-125	10	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429225
Report Date: 06/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,06 QC Batch ID: WG1928203-3 WG1928203-4 QC Sample: L2429225-01 Client ID: E8_0-0.2											
Aluminum, Total	19900	206	21200	**630**	Q	21200	**632**	Q	75-125	0	20
Antimony, Total	0.608J	51.6	41.9	81		41.3	80		75-125	1	20
Arsenic, Total	48.8	12.4	64.7	**128**	Q	61.4	102		75-125	5	20
Barium, Total	90.7	206	295	99		295	99		75-125	0	20
Beryllium, Total	0.833	5.16	5.90	98		5.77	96		75-125	2	20
Cadmium, Total	ND	5.47	4.91	90		4.80	88		75-125	2	20
Calcium, Total	567	1030	1580	98		1610	101		75-125	2	20
Chromium, Total	27.1	20.6	47.3	98		46.3	93		75-125	2	20
Cobalt, Total	9.73	51.6	54.8	87		54.1	86		75-125	1	20
Copper, Total	20.6	25.8	46.8	102		45.2	96		75-125	3	20
Iron, Total	21300	103	22200	**872**	Q	22000	**680**	Q	75-125	1	20
Lead, Total	150	54.7	197	86		197	86		75-125	0	20
Magnesium, Total	4160	1030	5240	105		5010	83		75-125	4	20
Manganese, Total	685	51.6	683	**0**	Q	740	107		75-125	8	20
Nickel, Total	18.7	51.6	64.9	90		62.8	86		75-125	3	20
Potassium, Total	1170	1030	2290	108		2540	**133**	Q	75-125	10	20
Selenium, Total	0.460J	12.4	11.4	92		11.2	91		75-125	2	20
Silver, Total	ND	5.16	4.99	97		4.85	94		75-125	3	20
Sodium, Total	35.8J	1030	1140	110		1150	112		75-125	1	20
Thallium, Total	ND	12.4	11.2	90		11.1	90		75-125	1	20
Vanadium, Total	36.3	51.6	85.3	95		84.2	93		75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429225
Report Date: 06/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,06 QC Batch ID: WG1928203-3 WG1928203-4 QC Sample: L2429225-01 Client ID: E8_0-0.2									
Zinc, Total	65.8	51.6	113	91	112	90	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,06 QC Batch ID: WG1928206-3 WG1928206-4 QC Sample: L2429225-01 Client ID: E8_0-0.2									
Mercury, Total	0.264	1.73	2.01	101	2.09	105	80-120	4	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2429225
Report Date: 06/04/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1927563-6 QC Sample: L2428798-05 Client ID: DUP Sample						
Barium, Total	0.06791	0.06852	mg/l	1		20
Manganese, Total	0.1067	0.1352	mg/l	**27**	Q	20
Potassium, Total	55.7	70.9	mg/l	**27**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,06 QC Batch ID: WG1928203-6 QC Sample: L2429225-01 Client ID: E8_0-0.2						
Aluminum, Total	19900	19800	mg/kg	1		20
Arsenic, Total	48.8	50.0	mg/kg	2		20
Barium, Total	90.7	91.0	mg/kg	0		20
Calcium, Total	567	584	mg/kg	3		20
Chromium, Total	27.1	27.6	mg/kg	2		20
Iron, Total	21300	22600	mg/kg	6		20
Lead, Total	150	157	mg/kg	5		20
Magnesium, Total	4160	4360	mg/kg	5		20
Manganese, Total	685	707	mg/kg	3		20
Vanadium, Total	36.3	36.4	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-01
Client ID: E8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/24/24 10:30
Date Received: 05/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.4		%	0.100	NA	1	-	05/25/24 04:54	121,2540G	WJM
Chromium, Hexavalent	ND		mg/kg	1.09	0.218	1	05/30/24 11:27	06/03/24 10:25	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-02
Client ID: E8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/24/24 10:40
Date Received: 05/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	05/25/24 04:54	121,2540G	WJM
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/03/24 13:20	06/03/24 16:39	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.944	0.189	1	05/30/24 11:27	06/03/24 10:25	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-03
Client ID: FB_05242024
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Field Blank

Date Collected: 05/24/24 10:55
Date Received: 05/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/03/24 13:20	06/03/24 16:21	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/25/24 09:30	05/25/24 10:15	1,7196A	JBB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2429225-06
Client ID: DUP_05242024
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/24/24 11:00
Date Received: 05/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	05/25/24 04:54	121,2540G	WJM
Cyanide, Total	ND		mg/kg	1.2	0.24	1	06/03/24 13:20	06/03/24 16:40	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.980	0.196	1	05/30/24 11:27	06/03/24 10:25	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429225
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG1925822-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/25/24 09:30	05/25/24 10:11	1,7196A	JBB
General Chemistry - Westborough Lab for sample(s): 01-02,06 Batch: WG1927511-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	05/30/24 11:27	06/03/24 10:25	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 02,06 Batch: WG1928905-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	06/03/24 13:20	06/03/24 16:24	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG1928944-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/03/24 13:20	06/03/24 15:55	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG1925822-2								
Chromium, Hexavalent	99		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1927511-2								
Chromium, Hexavalent	111		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,06 Batch: WG1928905-2 WG1928905-3								
Cyanide, Total	108		99		80-120	9		35
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG1928944-2 WG1928944-3								
Cyanide, Total	102		95		85-115	7		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429225
Report Date: 06/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1925822-4 QC Sample: L2429225-03 Client ID: FB_05242024												
Chromium, Hexavalent	ND	0.1	0.099	99		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,06 QC Batch ID: WG1927511-4 WG1927511-5 QC Sample: L2429225-01 Client ID: E8_0-0.2												
Chromium, Hexavalent	ND	1120	471	**42**	Q	760	**49**	Q	75-125	**47**	Q	20
General Chemistry - Westborough Lab Associated sample(s): 02,06 QC Batch ID: WG1928905-4 WG1928905-5 QC Sample: L2429201-01 Client ID: MS Sample												
Cyanide, Total	0.51J	9.8	10	102		10	100		75-125	2		35
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1928944-4 WG1928944-5 QC Sample: L2429225-03 Client ID: FB_05242024												
Cyanide, Total	ND	0.2	0.199	100		0.191	96		80-120	4		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429225

Report Date: 06/04/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,06 QC Batch ID: WG1925709-1 QC Sample: L2429225-01 Client ID: E8_0-0.2						
Solids, Total	73.4	72.9	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1925822-3 QC Sample: L2429225-03 Client ID: FB_05242024						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,06 QC Batch ID: WG1927511-7 QC Sample: L2429225-01 Client ID: E8_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429225
Report Date: 06/04/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2429225-01A	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2429225-01A1	Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2429225-01A2	Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2429225-01B	Glass 120ml/4oz unpreserved	B	NA		3.1	Y	Absent		HEXCR-7196(30)
L2429225-01B1	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		HEXCR-7196(30)
L2429225-01B2	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		HEXCR-7196(30)
L2429225-01C	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2429225-01C1	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2429225-01C2	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2429225-02A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2429225-02B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2429225-02C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429225
Report Date: 06/04/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2429225-02D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2429225-02E	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		HEXCR-7196(30)
L2429225-02F	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2429225-02G	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2429225-02X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2429225-02Y	Vial Water preserved split	A	NA		3.4	Y	Absent	25-MAY-24 11:50	NYTCL-8260HLW(14)
L2429225-02Z	Vial Water preserved split	A	NA		3.4	Y	Absent	25-MAY-24 11:50	NYTCL-8260HLW(14)
L2429225-03A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2429225-03B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2429225-03C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2429225-03D	Amber 100ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2429225-03E	Amber 100ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2429225-03F	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8081(7)
L2429225-03G	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8081(7)
L2429225-03H	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8082-LVI(365)
L2429225-03I	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8082-LVI(365)
L2429225-03J	Plastic 250ml unpreserved	B	7	7	3.1	Y	Absent		HEXCR-7196(1)
L2429225-03K	Plastic 250ml NaOH preserved	B	>12	>12	3.1	Y	Absent		TCN-9010(14)
L2429225-03L	Plastic 250ml HNO3 preserved	B	<2	<2	3.1	Y	Absent		TL-6020T(180),SE-6020T(180),BA-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2429225-03M	Amber 250ml unpreserved	B	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2429225-03N	Amber 250ml unpreserved	B	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429225
Report Date: 06/04/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2429225-03O	Amber 1000ml unpreserved	B	7	7	3.1	Y	Absent		HERB-APA(7)
L2429225-03P	Amber 1000ml unpreserved	B	7	7	3.1	Y	Absent		HERB-APA(7)
L2429225-04A	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		HOLD-METAL(180)
L2429225-04B	Glass 120ml/4oz unpreserved	B	NA		3.1	Y	Absent		HOLD-WETCHEM()
L2429225-04C	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2429225-05A	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		HOLD-METAL(180)
L2429225-05B	Glass 120ml/4oz unpreserved	B	NA		3.1	Y	Absent		HOLD-WETCHEM()
L2429225-05C	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2429225-06A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2429225-06B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2429225-06C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2429225-06D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2429225-06E	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		HEXCR-7196(30)
L2429225-06F	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2429225-06G	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2429225-06X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2429225-06Y	Vial Water preserved split	A	NA		3.4	Y	Absent	25-MAY-24 11:50	NYTCL-8260HLW(14)
L2429225-06Z	Vial Water preserved split	A	NA		3.4	Y	Absent	25-MAY-24 11:50	NYTCL-8260HLW(14)
L2429225-07A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2429225-07B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2429225
Project Number:	3858.0004Y000	**Report Date:**	06/04/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2429225
Project Number:	3858.0004Y000	**Report Date:**	06/04/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2429225
Project Number:	3858.0004Y000	**Report Date:**	06/04/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2429225
Project Number:	3858.0004Y000	**Report Date:**	06/04/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/25/24

ALPHA Job #: L2429225

Client Information
Client: Roux
Address: 201 SHAFTER ST
ISLANDIA, NY 11749
Phone: 631-232-7600
Fax:
Email: RLOMBENDO@ROUXENG.COM

Project Information
Project Name: ELMWOOD PRESERVE
Project Location: 950 DOBBS FERRY ROAD
Project #: 3958.0004Y000
(Use Project name as Project #)
Project Manager: RON LOMBENDO
ALPHAQuote #: 27525

Turn-Around Time
Standard: X — Due Date: STANDARD
Rush (only if pre approved): — # of Days:

Deliverables
ASP-A: — ASP-B: X
EQuIS (1 File): — EQuIS (4 File):
Other:

Regulatory Requirement
NY TOGS: — NY Part 375:
AWQ Standards: — NY CP-51:
NY Restricted Use: — Other:
NY Unrestricted Use:
NYC Sewer Discharge:

Billing Information
Same as Client Info: X
PO #:

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility: NJ — NY — Other:

These samples have been previously analyzed by Alpha:

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 + 10 TICs - 8260C	Part 375 + 20 TICs - 8270D	Part 375 TAL PEST - 8081B	Part 375 TAL METALS - 6020	Total Cyanide Analysis	Part 375 TCL PCBs - 8082A	Sample Specific Comments	Total # Bottles
29225-01	EB-0-0.2	5/24/24	1020	S	EL			X	X			MS/MSD	9
-02	EB-0.2-2	"	1040	S	EL	X	X	X	X	X	X		7
-03	EB-05242024	"	1055	GW	EL	X	X	X	X	X	X		16
-04	EB-2-4	"	1115	S	EL			X	X			*Hold	3
-05	EB-4-6	"	1120	S	EL			X	X			*Hold	3
-06	DUP-05242024	"	1100	S	EL	X	X	X	X	X	X		7
-07	TB-05242024	5/20/24	—	W	EL	X							2

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A		
Preservative	A	A	A	A	A	A		

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/24/24 1140	Roux	5/24/24 1650
	5/24/24 1915		5/24/24 1920
	5/24/24		5/24 2200
	5/25 115		5/25/24 115

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2429497
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/12/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429497
Report Date: 06/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2429497-01	E8_0.2-2_P	SOIL	850 DOBBS FERRY ROAD	05/24/24 10:40	05/24/24
L2429497-02	FB_05242024_P	WATER	850 DOBBS FERRY ROAD	05/24/24 11:10	05/24/24
L2429497-03	DUP_05242024_P	SOIL	850 DOBBS FERRY ROAD	05/24/24 11:00	05/24/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2429497
Project Number:	3858.0004Y000	**Report Date:**	06/12/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2429497
Project Number:	3858.0004Y000	**Report Date:**	06/12/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Ashley Boucher

Title: Technical Director/Representative Date: 06/12/24

ORGANICS

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429497
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2429497-01
Client ID: E8_0.2-2_P
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 10:40
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/11/24 12:21
Analyst: AC
Percent Solids: 85%

Extraction Method: EPA 1633
Extraction Date: 06/10/24 10:00
Cleanup Method: EPA 1633
Cleanup Date: 06/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.788	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.394	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.788	0.080	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.197	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.197	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.037	J	ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	0.278		ng/g	0.197	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.788	0.276	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	0.150	J	ng/g	0.197	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.788	0.382	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.197	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.197	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.105	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.788	0.097	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.788	0.144	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.197	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429497

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2429497-01 Date Collected: 05/24/24 10:40

Client ID: E8_0.2-2_P Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.788	0.193	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.788	0.165	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.197	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.197	0.110	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.97	0.247	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.97	0.503	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.394	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.394	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.394	0.082	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.394	0.094	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.985	0.142	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.93	0.497	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.93	1.73	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429497

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2429497-01 Date Collected: 05/24/24 10:40

Client ID: E8_0.2-2_P Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	60		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	63		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	67		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	84		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	58		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	59		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	61		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	60		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	65		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	62		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	69		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	62		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	66		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	45		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	57		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	44		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	42		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	58		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429497
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2429497-02
Client ID: FB_05242024_P
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 11:10
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/11/24 23:37
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/11/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.24	0.998	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.12	0.834	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.56	0.522	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.24	1.63	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.56	0.460	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.56	0.273	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.56	0.312	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.56	0.374	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.56	0.678	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.24	2.10	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.56	0.421	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.56	0.491	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.56	0.709	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.56	0.631	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.24	2.42	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.56	0.483	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.56	0.850	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.56	0.678	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.56	0.359	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.56	0.421	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.56	0.842	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.56	0.717	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.56	0.585	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.56	0.413	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.24	0.873	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.24	0.982	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.56	0.592	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429497

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2429497-02 Date Collected: 05/24/24 11:10

Client ID: FB_05242024_P Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.24	1.29	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.24	1.29	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.56	0.678	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.56	0.717	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.6	3.66	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.6	1.91	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.12	0.444	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.12	0.413	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.12	0.343	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.12	1.84	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.80	2.57	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.0	9.12	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.0	6.15	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429497

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2429497-02 Date Collected: 05/24/24 11:10

Client ID: FB_05242024_P Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	91		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	136		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	96		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	103		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	84		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	78		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	88		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	56		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	84		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	79		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	76		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429497
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2429497-03
Client ID: DUP_05242024_P
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/24/24 11:00
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/11/24 12:34
Analyst: AC
Percent Solids: 88%

Extraction Method: EPA 1633
Extraction Date: 06/10/24 10:00
Cleanup Method: EPA 1633
Cleanup Date: 06/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.795	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.795	0.080	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.033	J	ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	0.236		ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.795	0.278	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.125	J	ng/g	0.199	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.795	0.385	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.795	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.795	0.145	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429497

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2429497-03 Date Collected: 05/24/24 11:00

Client ID: DUP_05242024_P Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.795	0.195	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.795	0.166	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.111	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.249	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.507	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.397	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.993	0.143	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.97	0.501	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.97	1.75	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2429497

Project Number: 3858.0004Y000 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2429497-03 Date Collected: 05/24/24 11:00

Client ID: DUP_05242024_P Date Received: 05/24/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	66		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	67		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	72		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	95		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	67		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	65		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	68		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	69		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	72		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	66		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	76		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	70		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	103		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	82		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	62		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	45		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	45		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	62		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429497
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/11/24 07:09
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/10/24 09:59
Cleanup Method: EPA 1633
Cleanup Date: 06/10/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,03 Batch: WG1931884-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429497
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/11/24 07:09
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/10/24 09:59
Cleanup Method: EPA 1633
Cleanup Date: 06/10/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,03 Batch: WG1931884-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429497
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/11/24 07:09
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/10/24 09:59
Cleanup Method: EPA 1633
Cleanup Date: 06/10/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,03 Batch: WG1931884-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	75		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	130		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	71		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	73		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	74		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	76		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	87		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	79		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	81		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	46		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	44		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	58		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429497
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/11/24 19:38
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/11/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02 Batch: WG1932412-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429497
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/11/24 19:38
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/11/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02 Batch: WG1932412-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429497
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/11/24 19:38
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/11/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02 Batch: WG1932412-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	127		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	102		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	85		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	127		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	102		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	81		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	111		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	89		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	56		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	81		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429497

Report Date: 06/12/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03 Batch: WG1931884-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	104		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	107		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	107		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	116		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	122		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	107		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	111		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	104		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	118		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	96		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	108		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	102		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	103		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	115		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	100		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	107		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	93		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	109		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	97		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	105		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429497

Report Date: 06/12/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03 Batch: WG1931884-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	94		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	104		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	108		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	117		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	65		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	119		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	103		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	107		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	98		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	109		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	119		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	129		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	98		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	96		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	129		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	110		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	91		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	80		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429497

Report Date: 06/12/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03 Batch: WG1931884-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	75				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	134				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	75				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	73				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	72				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	74				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	73				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	80				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	71				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	45				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	45				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	67				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	60				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429497

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03 Batch: WG1931884-3								
Perfluorobutanoic Acid (PFBA)	110		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	112		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	110		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	113		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	122		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	110		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	109		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	98		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	118		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	110		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	102		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	101		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	121		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	103		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	106		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	111		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	104		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	112		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	107		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	111		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429497
Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03 Batch: WG1931884-3								
Perfluorotridecanoic Acid (PFTrDA)	94		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	104		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	110		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	122		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	76		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	124		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	113		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	118		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	110		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	128		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	128		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	133		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	104		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	103		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	126		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	112		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	100		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	91		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429497

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03 Batch: WG1931884-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	78				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	79				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	131				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	77				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	95				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	94				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	90				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	75				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	55				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	72				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	47				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	44				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	60				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429497

Report Date: 06/12/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1932412-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	114		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	118		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	115		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	115		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	121		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	123		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	116		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	111		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	118		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	124		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	113		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	115		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	133		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	115		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	119		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	102		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	96		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	112		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	107		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	113		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	124		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	118		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429497
Report Date: 06/12/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1932412-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	104		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	99		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	114		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	126		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	73		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	122		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	107		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	104		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	111		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	124		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	123		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	135		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	110		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	107		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	129		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	114		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	94		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	71		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429497

Report Date: 06/12/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1932412-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	131				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	100				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	113				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	90				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	88				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	63				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	54				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	53				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	73				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	71				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429497

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1932412-3								
Perfluorobutanoic Acid (PFBA)	94		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	94		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	94		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	100		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	96		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	107		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	93		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	94		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	90		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	90		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	96		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	87		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	92		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	103		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	85		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	95		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	86		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	84		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	98		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	91		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	98		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429497
Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1932412-3								
Perfluorotridecanoic Acid (PFTrDA)	92		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	91		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	92		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	101		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	66		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	96		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	90		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	101		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	93		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	99		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	102		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	110		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	92		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	89		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	110		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	96		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	89		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	74		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429497

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1932412-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	132				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	95				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	92				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	101				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	95				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	106				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	96				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	83				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	94				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	64				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	66				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	96				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	101				20-150

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429497
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2429497-01
Client ID: E8_0.2-2_P
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/24/24 10:40
Date Received: 05/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	85.0		%	0.100	0.100	1	-	05/29/24 19:42	121,2540G	MEB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2429497
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2429497-03
Client ID: DUP_05242024_P
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/24/24 11:00
Date Received: 05/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	88.0		%	0.100	0.100	1	-	05/29/24 19:42	121,2540G	MEB

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2429497

Report Date: 06/12/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG1927222-1 QC Sample: L2429497-01 Client ID: E8_0.2-2_P						
Solids, Total	85.0	85.0	%	0		10

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429497
Report Date: 06/12/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2429497-01A	Plastic 8oz unpreserved	A	NA		4.6	Y	Absent		A2-1633-DRAFT(90)
L2429497-01B	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		A2-TS(7)
L2429497-02A	Plastic 500ml unpreserved	A	NA		4.6	Y	Absent		A2-1633-DRAFT(28)
L2429497-02B	Plastic 500ml unpreserved	A	NA		4.6	Y	Absent		A2-1633-DRAFT(28)
L2429497-03A	Plastic 8oz unpreserved	A	NA		4.6	Y	Absent		A2-1633-DRAFT(90)
L2429497-03B	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		A2-TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429497
Report Date: 06/12/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2429497
Report Date: 06/12/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2429497
Project Number:	3858.0004Y000	**Report Date:**	06/12/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2429497
Project Number:	3858.0004Y000	**Report Date:**	06/12/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2429497
Project Number:	3858.0004Y000	**Report Date:**	06/12/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2429497
Project Number:	3858.0004Y000	**Report Date:**	06/12/24

REFERENCES

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/25/24

ALPHA Job #: L2429497

Client Information

Client: ROUX
Address: 209 SHAFTER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax:
Email: RLOMBENO@ROUXINC.COM

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 850 DOBBS FERRY ROAD
Project #: 3858.00049000
(Use Project name as Project #) ☐
Project Manager: RON LOMBENO
ALPHAQuote #: 27525

Turn-Around Time

Standard ☒ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

PFAS - USEPA 1633

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PFAS	Total Bottle
29497-01	EB-0.2-2-P	5/24/24	1040	S	EL	X	2
-02	FB-05242024-P	"	1110	W	EL	X	2
-03	DUP-05242024-P	"	1100	S	EL	X	2

Container Type: P
Preservative: A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/24/24 1140	ROUX	5/24/24 1650
	5/24/24 1915		5/24/24 19:20
	5/24/24		5/24 2200
	5/25 115		5/25/24 115
	5/25/24 600		5/25/24 600
	5/25/24 730		5/25/24 07:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2430766
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/06/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430766
Report Date: 06/06/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2430766-01	C5_2-4	SOIL	850 DOBBS FERRY ROAD	05/23/24 10:35	05/23/24
L2430766-02	A9_2-4	SOIL	850 DOBBS FERRY ROAD	05/23/24 13:05	05/23/24
L2430766-03	A13_2-4	SOIL	850 DOBBS FERRY ROAD	05/23/24 14:40	05/23/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430766
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430766
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2430766-01, -02, and -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1929599-1 Method Blank, associated with L2430766-01 through -03, has concentrations above the reporting limits for aluminum, iron, and magnesium. Since the associated sample concentrations are either greater than 10x the blank concentrations or non-detect to the RLs for these target analytes, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/06/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430766
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2430766-02
Client ID: A9_2-4
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 13:05
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/05/24 12:24
Analyst: JAG
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 06/04/24 15:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.02	0.396	1	A
Lindane	ND		ug/kg	0.842	0.377	1	A
Alpha-BHC	ND		ug/kg	0.842	0.239	1	A
Beta-BHC	ND		ug/kg	2.02	0.767	1	A
Heptachlor	ND		ug/kg	1.01	0.453	1	A
Aldrin	ND		ug/kg	2.02	0.712	1	A
Heptachlor epoxide	ND		ug/kg	3.79	1.14	1	A
Endrin	ND		ug/kg	0.842	0.345	1	A
Endrin aldehyde	ND		ug/kg	2.53	0.885	1	A
Endrin ketone	ND		ug/kg	2.02	0.521	1	A
Dieldrin	ND		ug/kg	1.26	0.632	1	A
4,4'-DDE	ND		ug/kg	2.02	0.468	1	A
4,4'-DDD	ND		ug/kg	2.02	0.721	1	A
4,4'-DDT	ND		ug/kg	2.02	1.63	1	A
Endosulfan I	ND		ug/kg	2.02	0.478	1	A
Endosulfan II	ND		ug/kg	2.02	0.676	1	A
Endosulfan sulfate	ND		ug/kg	0.842	0.401	1	A
Methoxychlor	ND		ug/kg	3.79	1.18	1	A
Toxaphene	ND		ug/kg	37.9	10.6	1	A
cis-Chlordane	ND		ug/kg	2.53	0.704	1	A
trans-Chlordane	ND		ug/kg	2.53	0.667	1	A
Chlordane	ND		ug/kg	16.8	6.70	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2430766

Project Number: 3858.0004Y000 **Report Date:** 06/06/24

SAMPLE RESULTS

Lab ID: L2430766-02 Date Collected: 05/23/24 13:05

Client ID: A9_2-4 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430766
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2430766-03
Client ID: A13_2-4
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 14:40
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/05/24 12:37
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/04/24 15:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.859	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.605	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.967	1	A
Endrin	ND		ug/kg	0.716	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.752	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	ND		ug/kg	1.07	0.537	1	A
4,4'-DDE	3.65		ug/kg	1.72	0.398	1	A
4,4'-DDD	ND		ug/kg	1.72	0.613	1	A
4,4'-DDT	2.09		ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.574	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.02	1	A
cis-Chlordane	ND		ug/kg	2.15	0.599	1	A
trans-Chlordane	ND		ug/kg	2.15	0.567	1	A
Chlordane	ND		ug/kg	14.3	5.69	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2430766

Project Number: 3858.0004Y000 **Report Date:** 06/06/24

SAMPLE RESULTS

Lab ID: L2430766-03 Date Collected: 05/23/24 14:40

Client ID: A13_2-4 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430766
Report Date: 06/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/04/24 18:14
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/03/24 23:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/04/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/04/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-03 Batch: WG1929161-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.651	0.291	A
Alpha-BHC	ND		ug/kg	0.651	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.593	A
Heptachlor	ND		ug/kg	0.782	0.350	A
Aldrin	ND		ug/kg	1.56	0.550	A
Heptachlor epoxide	ND		ug/kg	2.93	0.879	A
Endrin	ND		ug/kg	0.651	0.267	A
Endrin aldehyde	ND		ug/kg	1.95	0.684	A
Endrin ketone	ND		ug/kg	1.56	0.403	A
Dieldrin	ND		ug/kg	0.977	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.362	A
4,4'-DDD	ND		ug/kg	1.56	0.558	A
4,4'-DDT	ND		ug/kg	1.56	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.522	A
Endosulfan sulfate	ND		ug/kg	0.651	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.912	A
Toxaphene	ND		ug/kg	29.3	8.21	A
cis-Chlordane	ND		ug/kg	1.95	0.545	A
trans-Chlordane	ND		ug/kg	1.95	0.516	A
Chlordane	ND		ug/kg	13.0	5.18	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430766
Report Date: 06/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/04/24 18:14
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/03/24 23:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/04/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/04/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-03 Batch: WG1929161-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	103		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430766

Report Date: 06/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-03 Batch: WG1929161-2 WG1929161-3									
Delta-BHC	87		96		30-150	10		30	A
Lindane	88		96		30-150	9		30	A
Alpha-BHC	92		99		30-150	7		30	A
Beta-BHC	89		95		30-150	7		30	A
Heptachlor	91		99		30-150	8		30	A
Aldrin	96		104		30-150	8		30	A
Heptachlor epoxide	85		93		30-150	9		30	A
Endrin	104		113		30-150	8		30	A
Endrin aldehyde	81		88		30-150	8		30	A
Endrin ketone	96		106		30-150	10		30	A
Dieldrin	110		119		30-150	8		30	A
4,4'-DDE	107		117		30-150	9		30	A
4,4'-DDD	110		120		30-150	9		30	A
4,4'-DDT	99		106		30-150	7		30	A
Endosulfan I	98		105		30-150	7		30	A
Endosulfan II	105		115		30-150	9		30	A
Endosulfan sulfate	91		102		30-150	11		30	A
Methoxychlor	94		102		30-150	8		30	A
cis-Chlordane	92		99		30-150	7		30	A
trans-Chlordane	106		115		30-150	8		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430766

Report Date: 06/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-03 Batch: WG1929161-2 WG1929161-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		94		30-150	A
Decachlorobiphenyl	70		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		94		30-150	B
Decachlorobiphenyl	106		118		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2430766

Project Number: 3858.0004Y000 **Report Date:** 06/06/24

SAMPLE RESULTS

Lab ID: L2430766-01 Date Collected: 05/23/24 10:35

Client ID: C5_2-4 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14300		mg/kg	8.24	2.22	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.12	0.313	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Arsenic, Total	0.640	J	mg/kg	0.824	0.171	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Barium, Total	124		mg/kg	0.824	0.143	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.440		mg/kg	0.412	0.027	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.091	J	mg/kg	0.824	0.081	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Calcium, Total	560		mg/kg	8.24	2.88	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Chromium, Total	24.6		mg/kg	0.824	0.079	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Cobalt, Total	13.2		mg/kg	1.65	0.137	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Copper, Total	41.5		mg/kg	0.824	0.212	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Iron, Total	24800		mg/kg	4.12	0.744	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Lead, Total	3.00	J	mg/kg	4.12	0.221	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Magnesium, Total	6050		mg/kg	8.24	1.27	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Manganese, Total	268		mg/kg	0.824	0.131	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/04/24 18:20	06/05/24 19:27	EPA 7471B	1,7471B	SMV
Nickel, Total	25.4		mg/kg	2.06	0.199	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Potassium, Total	6990		mg/kg	206	11.9	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.65	0.212	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Silver, Total	0.259	J	mg/kg	0.412	0.233	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Sodium, Total	119	J	mg/kg	165	2.59	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Thallium, Total	0.710	J	mg/kg	1.65	0.259	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Vanadium, Total	38.8		mg/kg	0.824	0.167	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM
Zinc, Total	63.3		mg/kg	4.12	0.241	2	06/04/24 18:07	06/05/24 11:25	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE
Lab Number: L2430766
Project Number: 3858.0004Y000
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2430766-02
Client ID: A9_2-4
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 13:05
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16300		mg/kg	10.3	2.78	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	5.14	0.391	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Arsenic, Total	2.49		mg/kg	1.03	0.214	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Barium, Total	113		mg/kg	1.03	0.179	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.635		mg/kg	0.514	0.034	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.114	J	mg/kg	1.03	0.101	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Calcium, Total	894		mg/kg	10.3	3.60	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Chromium, Total	28.3		mg/kg	1.03	0.099	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Cobalt, Total	10.0		mg/kg	2.06	0.171	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Copper, Total	17.1		mg/kg	1.03	0.266	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Iron, Total	22400		mg/kg	5.14	0.929	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Lead, Total	6.17		mg/kg	5.14	0.276	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Magnesium, Total	5680		mg/kg	10.3	1.58	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Manganese, Total	348		mg/kg	1.03	0.164	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Mercury, Total	0.066	J	mg/kg	0.089	0.058	1	06/04/24 18:20	06/05/24 19:30	EPA 7471B	1,7471B	SMV
Nickel, Total	17.5		mg/kg	2.57	0.249	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Potassium, Total	2900		mg/kg	257	14.8	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	2.06	0.266	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.514	0.291	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Sodium, Total	47.7	J	mg/kg	206	3.24	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Thallium, Total	0.586	J	mg/kg	2.06	0.324	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Vanadium, Total	36.4		mg/kg	1.03	0.209	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM
Zinc, Total	45.0		mg/kg	5.14	0.302	2	06/04/24 18:07	06/05/24 11:28	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE
Lab Number: L2430766
Project Number: 3858.0004Y000
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2430766-03
Client ID: A13_2-4
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/23/24 14:40
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9480		mg/kg	8.43	2.28	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Antimony, Total	0.524	J	mg/kg	4.21	0.320	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Arsenic, Total	3.93		mg/kg	0.843	0.175	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Barium, Total	83.9		mg/kg	0.843	0.147	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.322	J	mg/kg	0.421	0.028	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.843	0.083	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Calcium, Total	408		mg/kg	8.43	2.95	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Chromium, Total	17.0		mg/kg	0.843	0.081	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Cobalt, Total	7.16		mg/kg	1.68	0.140	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Copper, Total	20.5		mg/kg	0.843	0.217	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Iron, Total	16100		mg/kg	4.21	0.761	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Lead, Total	9.34		mg/kg	4.21	0.226	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Magnesium, Total	3390		mg/kg	8.43	1.30	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Manganese, Total	264		mg/kg	0.843	0.134	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Mercury, Total	3.15		mg/kg	0.082	0.054	1	06/04/24 18:20	06/05/24 19:34	EPA 7471B	1,7471B	SMV
Nickel, Total	12.2		mg/kg	2.11	0.204	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Potassium, Total	3390		mg/kg	211	12.1	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.68	0.217	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.421	0.238	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Sodium, Total	35.4	J	mg/kg	168	2.66	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Thallium, Total	0.375	J	mg/kg	1.68	0.266	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Vanadium, Total	22.7		mg/kg	0.843	0.171	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM
Zinc, Total	36.3		mg/kg	4.21	0.247	2	06/04/24 18:07	06/05/24 11:32	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2430766

Project Number: 3858.0004Y000 **Report Date:** 06/06/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1929599-1										
Aluminum, Total	11.6		mg/kg	4.00	1.08	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Barium, Total	0.118	J	mg/kg	0.400	0.070	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Chromium, Total	0.061	J	mg/kg	0.400	0.038	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Copper, Total	ND		mg/kg	0.400	0.103	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Iron, Total	24.7		mg/kg	2.00	0.361	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Magnesium, Total	5.24		mg/kg	4.00	0.616	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Manganese, Total	0.246	J	mg/kg	0.400	0.064	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Potassium, Total	ND		mg/kg	100	5.76	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Zinc, Total	0.291	J	mg/kg	2.00	0.117	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1929601-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/04/24 18:20	06/05/24 13:53	1,7471B	SMV

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430766
Report Date: 06/06/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430766

Report Date: 06/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1929599-2								
Aluminum, Total	95		-		80-120	-		
Antimony, Total	98		-		80-120	-		
Arsenic, Total	99		-		80-120	-		
Barium, Total	99		-		80-120	-		
Beryllium, Total	98		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Calcium, Total	99		-		80-120	-		
Chromium, Total	94		-		80-120	-		
Cobalt, Total	96		-		80-120	-		
Copper, Total	96		-		80-120	-		
Iron, Total	101		-		80-120	-		
Lead, Total	97		-		80-120	-		
Magnesium, Total	97		-		80-120	-		
Manganese, Total	98		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	94		-		80-120	-		
Silver, Total	96		-		80-120	-		
Sodium, Total	98		-		80-120	-		
Thallium, Total	96		-		80-120	-		
Vanadium, Total	96		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430766

Report Date: 06/06/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1929599-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1929601-2					
Mercury, Total	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430766
Report Date: 06/06/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1929599-3 QC Sample: L2429595-01 Client ID: MS Sample												
Aluminum, Total	4220B	184	5100	**478**	Q	-	-		75-125	-		20
Antimony, Total	0.479J	46	37.0	80		-	-		75-125	-		20
Arsenic, Total	2.55	11	12.5	90		-	-		75-125	-		20
Barium, Total	31.6	184	204	94		-	-		75-125	-		20
Beryllium, Total	0.361J	4.6	4.59	100		-	-		75-125	-		20
Cadmium, Total	ND	4.87	4.37	90		-	-		75-125	-		20
Calcium, Total	2570	920	4070	**163**	Q	-	-		75-125	-		20
Chromium, Total	9.82	18.4	25.7	86		-	-		75-125	-		20
Cobalt, Total	3.62	46	44.3	88		-	-		75-125	-		20
Copper, Total	11.8	23	34.0	96		-	-		75-125	-		20
Iron, Total	11800B	92	11700	**0**	Q	-	-		75-125	-		20
Lead, Total	10.4	48.7	55.8	93		-	-		75-125	-		20
Magnesium, Total	1470B	920	2410	102		-	-		75-125	-		20
Manganese, Total	194	46	257	**137**	Q	-	-		75-125	-		20
Nickel, Total	7.36	46	47.9	88		-	-		75-125	-		20
Potassium, Total	496	920	1420	100		-	-		75-125	-		20
Selenium, Total	ND	11	8.81	80		-	-		75-125	-		20
Silver, Total	ND	4.6	4.20	91		-	-		75-125	-		20
Sodium, Total	42.8J	920	918	100		-	-		75-125	-		20
Thallium, Total	ND	11	9.92	90		-	-		75-125	-		20
Vanadium, Total	15.8	46	57.1	90		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430766
Report Date: 06/06/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1929599-3 QC Sample: L2429595-01 Client ID: MS Sample									
Zinc, Total	25.4	46	67.8	92	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1929601-3 QC Sample: L2429595-01 Client ID: MS Sample									
Mercury, Total	ND	1.62	1.64	101	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430766
Report Date: 06/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1929599-4 QC Sample: L2429595-01 Client ID: DUP Sample						
Aluminum, Total	4220B	4640	mg/kg	9		20
Antimony, Total	0.479J	ND	mg/kg	NC		20
Arsenic, Total	2.55	2.79	mg/kg	9		20
Barium, Total	31.6	35.3	mg/kg	11		20
Beryllium, Total	0.361J	0.384J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	2570	3110	mg/kg	19		20
Chromium, Total	9.82	10.2	mg/kg	4		20
Cobalt, Total	3.62	4.03	mg/kg	11		20
Copper, Total	11.8	13.1	mg/kg	10		20
Iron, Total	11800B	12500	mg/kg	6		20
Lead, Total	10.4	12.5	mg/kg	18		20
Magnesium, Total	1470B	1560	mg/kg	6		20
Manganese, Total	194	229	mg/kg	17		20
Nickel, Total	7.36	7.72	mg/kg	5		20
Potassium, Total	496	537	mg/kg	8		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	42.8J	48.2J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430766
Report Date: 06/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1929599-4 QC Sample: L2429595-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	15.8	16.8	mg/kg	6	20
Zinc, Total	25.4	27.7	mg/kg	9	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1929601-4 QC Sample: L2429595-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2430766
Report Date: 06/06/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1929599-6 QC Sample: L2429595-01 Client ID: DUP Sample						
Aluminum, Total	4220B	4490	mg/kg	6		20
Barium, Total	31.6	33.5	mg/kg	6		20
Calcium, Total	2570	2720	mg/kg	6		20
Iron, Total	11800B	13000	mg/kg	10		20
Magnesium, Total	1470B	1580	mg/kg	7		20
Manganese, Total	194	204	mg/kg	5		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430766
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2430766-01
Client ID: C5_2-4
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/23/24 10:35
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.0		%	0.100	NA	1	-	06/04/24 22:33	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430766
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2430766-02
Client ID: A9_2-4
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 13:05
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.5		%	0.100	NA	1	-	06/04/24 22:33	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430766
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2430766-03
Client ID: A13_2-4
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/23/24 14:40
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	06/04/24 22:33	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430766

Report Date: 06/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1929695-1 QC Sample: L2430766-01 Client ID: C5_2-4						
Solids, Total	95.0	95.1	%	0		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430766
Report Date: 06/06/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2430766-01A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2430766-01B	Glass 120ml/4oz unpreserved	D	NA		2.5	Y	Absent		TS(7)
L2430766-02A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2430766-02B	Glass 120ml/4oz unpreserved	D	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14)
L2430766-03A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2430766-03B	Glass 120ml/4oz unpreserved	D	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430766
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430766
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430766
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430766
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 5/24/24

L2430766 WMC 6/4/24
ALPHA Job #: [redacted]

Client Information

Client: [redacted]
Address: [redacted] ISLANDIA, NY 11749
Phone: 631-232-2600
Fax:
Email: PLOMBINO@[redacted].COM

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 550 OLD SYOSSET HERRL ROAD
Project #: 3858.0004G000
(Use Project name as Project #)
Project Manager: RON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time

Standard [X] Due Date: STANDARD
Rush (only if pre approved) [ ] # of Days:

Deliverables

[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement

[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information

[X] Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

*METALS
**METALS & PEST

Please specify Metals or TAL.

ANALYSIS

[redacted] * **

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments	Total Bottle
[redacted]	C5-0-0.2	5/23/24	0940	S	EL	MS/MSD	10
	C5-0.2-2	"	1030	S	EL		7
30766-01	C5-2-4	"	1035	S	EL	[redacted]	3
	C5-4-6	"	1045	S	EL	* HOLD	3
	PB-05232024	"	1250	W	EL		16
	A9-0-0.2	"	1255	S	EL		3
	A9-0.2-2	"	1300	S	EL		7
-02	A9-2-4	"	1305	S	EL	[redacted]	3
	A9-4-6	"	1310	S	EL	* HOLD	3
	C12-0-0.2	"	1740	S	EL		3

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A		
Preservative	A	A	A	A	A	A		

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/23/24 1310	OMAN	5-23-24 15:45
OMAN	5/23/24 17:47		5/24/24 18:45
	5/23/24		5/23 2216
	5/24 1130		5/24/24 130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 5/24/24

L2430766 WMC 6/4/24
ALPHA Job #: L2428918

Client Information
Client: Roux
Address: 2001 SHAFFER ST
ISLANDIA, NY 11749
Phone: 631-272-2600
Fax:
Email: RLOMBINO@ROUXINC.COM

Project Information
Project Name: ELMWOOD PRESERVE
Project Location: 850 DOBBS FERRY ROAD
Project # 3858.0004Y000
(Use Project name as Project #)
Project Manager: RON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time
Standard [X] Due Date: STANDARD
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[X] Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

**METALS & PEST

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	**	Sample Specific Comments	Total Bottle
28918-11	C12-0.2-2	5/23/24	1245	S	EL			7
	C12-2-4	"	1350	S	EL		* Hold	3
	C12-4-6	"	1355	S	EL		* Hold	3
	A13-0-0.2	"	1430	S	EL			3
	A13-0.2-2	"	1435	S	EL			7
30766 -03	A13-2-4	"	1440	S	EL	X	* Hold	3
	A13-4-6	"	1445	S	EL		* Hold	3
	A13-7-9	"	1450	S	EL			7
	DUP-05232024	"	1200	S	EL			7
	TB-05232024	5/20/24	—	W	EL			2

Container Type	E	A	A	A	A	A		
Preservative	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/23/24 1310	OMAN	5-23-24 15:40
OMAN	5/23/24 17:07		5/23/24 18:40
	5/20/24		5/23 2210
	5/24 1130		5/24/24 130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2430776
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/06/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430776
Report Date: 06/06/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2430776-01	G12_2-4	SOIL	850 DOBBS FERRY ROAD	05/22/24 09:50	05/22/24
L2430776-02	A4_2-4	SOIL	850 DOBBS FERRY ROAD	05/22/24 15:25	05/22/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430776
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430776
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2430776-02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1929599-1 Method Blank, associated with L2430776-02, has concentrations above the reporting limits for aluminum, iron, and magnesium. Since the associated sample concentrations are either greater than 10x the blank concentrations or non-detect to the RLs for these target analytes, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/06/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430776
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2430776-01
Client ID: G12_2-4
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/05/24 11:59
Analyst: JAG
Percent Solids: 89%

Date Collected: 05/22/24 09:50
Date Received: 05/22/24
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 06/04/24 15:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.726	0.324	1	A
Alpha-BHC	ND		ug/kg	0.726	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.871	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.27	0.980	1	A
Endrin	ND		ug/kg	0.726	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.762	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	3.90		ug/kg	1.09	0.544	1	A
4,4'-DDE	ND		ug/kg	1.74	0.403	1	A
4,4'-DDD	ND		ug/kg	1.74	0.621	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.412	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.726	0.345	1	A
Methoxychlor	ND		ug/kg	3.27	1.02	1	A
Toxaphene	ND		ug/kg	32.7	9.14	1	A
cis-Chlordane	ND	IP	ug/kg	2.18	0.607	1	B
trans-Chlordane	ND	IP	ug/kg	2.18	0.575	1	B
Chlordane	ND		ug/kg	14.5	5.77	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2430776

Project Number: 3858.0004Y000 **Report Date:** 06/06/24

SAMPLE RESULTS

Lab ID: L2430776-01 Date Collected: 05/22/24 09:50

Client ID: G12_2-4 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430776
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2430776-02
Client ID: A4_2-4
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/22/24 15:25
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/05/24 12:12
Analyst: JAG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/04/24 15:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.694	0.310	1	A
Alpha-BHC	ND		ug/kg	0.694	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.832	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1	A
Endrin	ND		ug/kg	0.694	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.429	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	ND		ug/kg	1.66	0.385	1	A
4,4'-DDD	ND		ug/kg	1.66	0.594	1	A
4,4'-DDT	ND		ug/kg	1.66	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.694	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.971	1	A
Toxaphene	ND		ug/kg	31.2	8.74	1	A
cis-Chlordane	ND		ug/kg	2.08	0.580	1	A
trans-Chlordane	ND		ug/kg	2.08	0.549	1	A
Chlordane	ND		ug/kg	13.9	5.52	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2430776

Project Number: 3858.0004Y000 **Report Date:** 06/06/24

SAMPLE RESULTS

Lab ID: L2430776-02 Date Collected: 05/22/24 15:25

Client ID: A4_2-4 Date Received: 05/22/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430776
Report Date: 06/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/04/24 18:14
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/03/24 23:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/04/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/04/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1929161-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.651	0.291	A
Alpha-BHC	ND		ug/kg	0.651	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.593	A
Heptachlor	ND		ug/kg	0.782	0.350	A
Aldrin	ND		ug/kg	1.56	0.550	A
Heptachlor epoxide	ND		ug/kg	2.93	0.879	A
Endrin	ND		ug/kg	0.651	0.267	A
Endrin aldehyde	ND		ug/kg	1.95	0.684	A
Endrin ketone	ND		ug/kg	1.56	0.403	A
Dieldrin	ND		ug/kg	0.977	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.362	A
4,4'-DDD	ND		ug/kg	1.56	0.558	A
4,4'-DDT	ND		ug/kg	1.56	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.522	A
Endosulfan sulfate	ND		ug/kg	0.651	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.912	A
Toxaphene	ND		ug/kg	29.3	8.21	A
cis-Chlordane	ND		ug/kg	1.95	0.545	A
trans-Chlordane	ND		ug/kg	1.95	0.516	A
Chlordane	ND		ug/kg	13.0	5.18	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430776
Report Date: 06/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/04/24 18:14
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/03/24 23:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/04/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/04/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1929161-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	103		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430776

Report Date: 06/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1929161-2 WG1929161-3									
Delta-BHC	87		96		30-150	10		30	A
Lindane	88		96		30-150	9		30	A
Alpha-BHC	92		99		30-150	7		30	A
Beta-BHC	89		95		30-150	7		30	A
Heptachlor	91		99		30-150	8		30	A
Aldrin	96		104		30-150	8		30	A
Heptachlor epoxide	85		93		30-150	9		30	A
Endrin	104		113		30-150	8		30	A
Endrin aldehyde	81		88		30-150	8		30	A
Endrin ketone	96		106		30-150	10		30	A
Dieldrin	110		119		30-150	8		30	A
4,4'-DDE	107		117		30-150	9		30	A
4,4'-DDD	110		120		30-150	9		30	A
4,4'-DDT	99		106		30-150	7		30	A
Endosulfan I	98		105		30-150	7		30	A
Endosulfan II	105		115		30-150	9		30	A
Endosulfan sulfate	91		102		30-150	11		30	A
Methoxychlor	94		102		30-150	8		30	A
cis-Chlordane	92		99		30-150	7		30	A
trans-Chlordane	106		115		30-150	8		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430776

Report Date: 06/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1929161-2 WG1929161-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		94		30-150	A
Decachlorobiphenyl	70		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		94		30-150	B
Decachlorobiphenyl	106		118		30-150	B

METALS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430776
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2430776-02
Client ID: A4_2-4
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/22/24 15:25
Date Received: 05/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14500		mg/kg	8.32	2.25	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Antimony, Total	0.456	J	mg/kg	4.16	0.316	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Arsenic, Total	2.40		mg/kg	0.832	0.173	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Barium, Total	81.8		mg/kg	0.832	0.145	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.474		mg/kg	0.416	0.028	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.098	J	mg/kg	0.832	0.082	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Calcium, Total	1050		mg/kg	8.32	2.91	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Chromium, Total	38.9		mg/kg	0.832	0.080	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Cobalt, Total	8.65		mg/kg	1.66	0.138	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Copper, Total	14.0		mg/kg	0.832	0.215	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Iron, Total	19200		mg/kg	4.16	0.752	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Lead, Total	4.71		mg/kg	4.16	0.223	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Magnesium, Total	7940		mg/kg	8.32	1.28	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Manganese, Total	416		mg/kg	0.832	0.132	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.070	0.046	1	06/04/24 18:20	06/05/24 19:37	EPA 7471B	1,7471B	SMV
Nickel, Total	23.5		mg/kg	2.08	0.201	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Potassium, Total	3120		mg/kg	208	12.0	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.66	0.215	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.416	0.236	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Sodium, Total	41.7	J	mg/kg	166	2.62	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Thallium, Total	0.678	J	mg/kg	1.66	0.262	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Vanadium, Total	30.7		mg/kg	0.832	0.169	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM
Zinc, Total	45.1		mg/kg	4.16	0.244	2	06/04/24 18:07	06/05/24 11:35	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430776
Report Date: 06/06/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1929599-1										
Aluminum, Total	11.6		mg/kg	4.00	1.08	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Barium, Total	0.118	J	mg/kg	0.400	0.070	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Chromium, Total	0.061	J	mg/kg	0.400	0.038	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Copper, Total	ND		mg/kg	0.400	0.103	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Iron, Total	24.7		mg/kg	2.00	0.361	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Magnesium, Total	5.24		mg/kg	4.00	0.616	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Manganese, Total	0.246	J	mg/kg	0.400	0.064	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Potassium, Total	ND		mg/kg	100	5.76	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM
Zinc, Total	0.291	J	mg/kg	2.00	0.117	1	06/04/24 18:07	06/05/24 08:56	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1929601-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/04/24 18:20	06/05/24 13:53	1,7471B	SMV

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430776
Report Date: 06/06/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430776

Report Date: 06/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1929599-2								
Aluminum, Total	95		-		80-120	-		
Antimony, Total	98		-		80-120	-		
Arsenic, Total	99		-		80-120	-		
Barium, Total	99		-		80-120	-		
Beryllium, Total	98		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Calcium, Total	99		-		80-120	-		
Chromium, Total	94		-		80-120	-		
Cobalt, Total	96		-		80-120	-		
Copper, Total	96		-		80-120	-		
Iron, Total	101		-		80-120	-		
Lead, Total	97		-		80-120	-		
Magnesium, Total	97		-		80-120	-		
Manganese, Total	98		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	94		-		80-120	-		
Silver, Total	96		-		80-120	-		
Sodium, Total	98		-		80-120	-		
Thallium, Total	96		-		80-120	-		
Vanadium, Total	96		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430776

Report Date: 06/06/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1929599-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1929601-2					
Mercury, Total	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430776
Report Date: 06/06/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1929599-3 QC Sample: L2429595-01 Client ID: MS Sample												
Aluminum, Total	4220B	184	5100	**478**	Q	-	-		75-125	-		20
Antimony, Total	0.479J	46	37.0	80		-	-		75-125	-		20
Arsenic, Total	2.55	11	12.5	90		-	-		75-125	-		20
Barium, Total	31.6	184	204	94		-	-		75-125	-		20
Beryllium, Total	0.361J	4.6	4.59	100		-	-		75-125	-		20
Cadmium, Total	ND	4.87	4.37	90		-	-		75-125	-		20
Calcium, Total	2570	920	4070	**163**	Q	-	-		75-125	-		20
Chromium, Total	9.82	18.4	25.7	86		-	-		75-125	-		20
Cobalt, Total	3.62	46	44.3	88		-	-		75-125	-		20
Copper, Total	11.8	23	34.0	96		-	-		75-125	-		20
Iron, Total	11800B	92	11700	**0**	Q	-	-		75-125	-		20
Lead, Total	10.4	48.7	55.8	93		-	-		75-125	-		20
Magnesium, Total	1470B	920	2410	102		-	-		75-125	-		20
Manganese, Total	194	46	257	**137**	Q	-	-		75-125	-		20
Nickel, Total	7.36	46	47.9	88		-	-		75-125	-		20
Potassium, Total	496	920	1420	100		-	-		75-125	-		20
Selenium, Total	ND	11	8.81	80		-	-		75-125	-		20
Silver, Total	ND	4.6	4.20	91		-	-		75-125	-		20
Sodium, Total	42.8J	920	918	100		-	-		75-125	-		20
Thallium, Total	ND	11	9.92	90		-	-		75-125	-		20
Vanadium, Total	15.8	46	57.1	90		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430776
Report Date: 06/06/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1929599-3 QC Sample: L2429595-01 Client ID: MS Sample									
Zinc, Total	25.4	46	67.8	92	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1929601-3 QC Sample: L2429595-01 Client ID: MS Sample									
Mercury, Total	ND	1.62	1.64	101	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430776
Report Date: 06/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1929599-4 QC Sample: L2429595-01 Client ID: DUP Sample						
Aluminum, Total	4220B	4640	mg/kg	9		20
Antimony, Total	0.479J	ND	mg/kg	NC		20
Arsenic, Total	2.55	2.79	mg/kg	9		20
Barium, Total	31.6	35.3	mg/kg	11		20
Beryllium, Total	0.361J	0.384J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	2570	3110	mg/kg	19		20
Chromium, Total	9.82	10.2	mg/kg	4		20
Cobalt, Total	3.62	4.03	mg/kg	11		20
Copper, Total	11.8	13.1	mg/kg	10		20
Iron, Total	11800B	12500	mg/kg	6		20
Lead, Total	10.4	12.5	mg/kg	18		20
Magnesium, Total	1470B	1560	mg/kg	6		20
Manganese, Total	194	229	mg/kg	17		20
Nickel, Total	7.36	7.72	mg/kg	5		20
Potassium, Total	496	537	mg/kg	8		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	42.8J	48.2J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430776

Report Date: 06/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1929599-4 QC Sample: L2429595-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	15.8	16.8	mg/kg	6	20
Zinc, Total	25.4	27.7	mg/kg	9	20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1929601-4 QC Sample: L2429595-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2430776
Report Date: 06/06/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1929599-6 QC Sample: L2429595-01 Client ID: DUP Sample						
Aluminum, Total	4220B	4490	mg/kg	6		20
Barium, Total	31.6	33.5	mg/kg	6		20
Calcium, Total	2570	2720	mg/kg	6		20
Iron, Total	11800B	13000	mg/kg	10		20
Magnesium, Total	1470B	1580	mg/kg	7		20
Manganese, Total	194	204	mg/kg	5		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430776
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2430776-01
Client ID: G12_2-4
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/22/24 09:50
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	06/04/24 22:33	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430776
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2430776-02
Client ID: A4_2-4
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 05/22/24 15:25
Date Received: 05/22/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	06/04/24 22:33	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430776

Report Date: 06/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1929695-1 QC Sample: L2430766-01 Client ID: DUP Sample						
Solids, Total	95.0	95.1	%	0		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430776
Report Date: 06/06/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2430776-01B	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		TS(7),NYTCL-8081(14)
L2430776-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2430776-02B	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430776
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430776
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430776
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430776
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 5/23/24

L2430776 WMC 6/4/24
ALPHA Job #: ~~L2428534~~

Client Information
Client: Roux
Address: 209 SHAFTER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax:
Email: RLOMBINO@ROUXINC.COM

Project Information
Project Name: ELMWOOD PRESERVE
Project Location: 850 DOBBS FERRY ROAD
Project #: 3858.0004Y000
(Use Project name as Project #)
Project Manager: RON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time
Standard: X — Due Date: STANDARD
Rush (only if pre approved): — # of Days:

Deliverables
ASP-A — ASP-B: X
EQuIS (1 File) — EQuIS (4 File)
Other

Billing Information
Same as Client Info: X
PO #

Regulatory Requirement
NY TOGS — NY Part 375
AWQ Standards — NY CP-51
NY Restricted Use — Other
NY Unrestricted Use
NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ — NY
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

*PEST

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	*	Sample Specific Comments	Total # Bottles
28534-01	G12-0-0.2	5/22/24	0935	S	EL		MS/MSD	9
~~-02~~	G12-0.2-2	"	0945	S	EL			7
30776-01 ~~-03~~	G12-2-4	"	0950	S	EL	X	~~HOLD~~	3
~~-04~~	G12-4-6	"	0955	S	EL		* HOLD	3
~~-05~~	FB-05222024	"	1000	W	EL			16
~~-06~~	G12-9-11	"	1005	S	EL			7
~~-07~~	I15-0-0.2	"	1145	S	EL			3
~~-08~~	I15-0.2-2	"	1150	S	EL			7
~~-09~~	I15-2-4	"	1500	S	EL		* HOLD	3
~~-10~~	I15-4-6	"	1505	S	EL		* HOLD	3

Container Type: E A A A A A
Preservative: A A A A A A

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/22/24 1540		5/22/24 15:50
	5/22/24 18:50		5/23/24 13:20
	5/22/24		5/22/24 2235
	5/25/24 0205		5/23/24 255

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 5/23/24

L2430776 WMC 6/4/24
ALPHA Job #: L2430776

Client Information

Client: DWX
Address: 209 SHAPTER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax:
Email: RLOMBINO@DOWXINC.COM

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 850 ROBBS FERRY ROAD
Project # 3858.0049000
(Use Project name as Project #)
Project Manager: RON LOMBINO
ALPHAQuote #: 21525

Turn-Around Time

Standard [X] Due Date: STANDARD
Rush (only if pre approved) [ ] # of Days:

Deliverables

[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information

[X] Same as Client Info
PO #

Regulatory Requirement

[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

[ ] These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

**METALS & PEST

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	**	Sample Specific Comments	Total Bottle
30776-01	DUP-05222024	5/22/24	1200	S	EL			7
-02	IS-6-8	"	1310	S	EL			7
-03	A4-0-0.2	"	1515	S	EL			3
-04	A4-0.2-2	"	1520	S	EL			7
-05	A4-2-4	"	1525	S	EL	X		3
-06	A4-4-6	"	1530	S	EL			3
-07	TB-05222024	5/20/24	-	W	EL			2

Container Type: E A A A A A
Preservative: A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/22/24 1540		5/22/24 15:50
	5/22/24 18:52		5/22/24 19:20
	5/23/24 0001		5/23/24 2230
	5/23/24 0855		5/23/24 255

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2430854
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/06/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430854
Report Date: 06/06/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2430854-01	E8_2-4	SOIL	850 DOBBS FERRY ROAD	05/24/24 11:15	05/24/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430854
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430854
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2430854-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1930095-3 MS recoveries for aluminum (0%), iron (0%), magnesium (47%) and potassium (43%), performed on L2430854-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/06/24

METALS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430854
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2430854-01
Client ID: E8_2-4
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 05/24/24 11:15
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13000		mg/kg	8.83	2.38	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Antimony, Total	0.824	J	mg/kg	4.41	0.335	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Arsenic, Total	0.796	J	mg/kg	0.883	0.184	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Barium, Total	118		mg/kg	0.883	0.154	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.465		mg/kg	0.441	0.029	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.093	J	mg/kg	0.883	0.087	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Calcium, Total	546		mg/kg	8.83	3.09	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Chromium, Total	23.2		mg/kg	0.883	0.085	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.92		mg/kg	1.76	0.146	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Copper, Total	25.7		mg/kg	0.883	0.228	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Iron, Total	21000		mg/kg	4.41	0.797	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Lead, Total	3.78	J	mg/kg	4.41	0.236	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Magnesium, Total	5320		mg/kg	8.83	1.36	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Manganese, Total	342		mg/kg	0.883	0.140	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/04/24 18:20	06/05/24 19:40	EPA 7471B	1,7471B	SMV
Nickel, Total	18.0		mg/kg	2.21	0.214	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Potassium, Total	4880		mg/kg	221	12.7	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.76	0.228	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.441	0.250	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Sodium, Total	67.9	J	mg/kg	176	2.78	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Thallium, Total	0.772	J	mg/kg	1.76	0.278	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Vanadium, Total	32.2		mg/kg	0.883	0.179	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL
Zinc, Total	48.4		mg/kg	4.41	0.259	2	06/05/24 23:21	06/06/24 09:01	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430854
Report Date: 06/06/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1929601-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/04/24 18:20	06/05/24 13:53	1,7471B	SMV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1930095-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Calcium, Total	1.77	J	mg/kg	4.00	1.40	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Iron, Total	1.42	J	mg/kg	2.00	0.361	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Selenium, Total	0.169	J	mg/kg	0.800	0.103	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430854
Report Date: 06/06/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430854

Report Date: 06/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1929601-2								
Mercury, Total	101		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430854

Report Date: 06/06/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1930095-2					
Aluminum, Total	100	-	80-120	-	
Antimony, Total	107	-	80-120	-	
Arsenic, Total	102	-	80-120	-	
Barium, Total	104	-	80-120	-	
Beryllium, Total	104	-	80-120	-	
Cadmium, Total	105	-	80-120	-	
Calcium, Total	105	-	80-120	-	
Chromium, Total	102	-	80-120	-	
Cobalt, Total	103	-	80-120	-	
Copper, Total	104	-	80-120	-	
Iron, Total	106	-	80-120	-	
Lead, Total	104	-	80-120	-	
Magnesium, Total	104	-	80-120	-	
Manganese, Total	104	-	80-120	-	
Nickel, Total	103	-	80-120	-	
Potassium, Total	106	-	80-120	-	
Selenium, Total	105	-	80-120	-	
Silver, Total	104	-	80-120	-	
Sodium, Total	107	-	80-120	-	
Thallium, Total	104	-	80-120	-	
Vanadium, Total	103	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430854

Report Date: 06/06/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1930095-2					
Zinc, Total	104	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430854
Report Date: 06/06/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1929601-3 QC Sample: L2429595-01 Client ID: MS Sample												
Mercury, Total	ND	1.62	1.64	101		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430854
Report Date: 06/06/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930095-3 QC Sample: L2430854-01 Client ID: E8_2-4										
Aluminum, Total	13000	173	12600	**0**	Q	-	-	75-125	-	20
Antimony, Total	0.824J	43.2	36.8	85		-	-	75-125	-	20
Arsenic, Total	0.796J	10.4	10.8	104		-	-	75-125	-	20
Barium, Total	118	173	278	92		-	-	75-125	-	20
Beryllium, Total	0.465	4.32	4.75	99		-	-	75-125	-	20
Cadmium, Total	0.093J	4.58	4.63	101		-	-	75-125	-	20
Calcium, Total	546	865	1390	98		-	-	75-125	-	20
Chromium, Total	23.2	17.3	37.2	81		-	-	75-125	-	20
Cobalt, Total	9.92	43.2	51.2	95		-	-	75-125	-	20
Copper, Total	25.7	21.6	46.0	94		-	-	75-125	-	20
Iron, Total	21000	86.5	18800	**0**	Q	-	-	75-125	-	20
Lead, Total	3.78J	45.8	46.1	100		-	-	75-125	-	20
Magnesium, Total	5320	865	5730	**47**	Q	-	-	75-125	-	20
Manganese, Total	342	43.2	390	111		-	-	75-125	-	20
Nickel, Total	18.0	43.2	58.1	93		-	-	75-125	-	20
Potassium, Total	4880	865	5250	**43**	Q	-	-	75-125	-	20
Selenium, Total	ND	10.4	9.27	89		-	-	75-125	-	20
Silver, Total	ND	4.32	4.55	105		-	-	75-125	-	20
Sodium, Total	67.9J	865	981	113		-	-	75-125	-	20
Thallium, Total	0.772J	10.4	10.2	98		-	-	75-125	-	20
Vanadium, Total	32.2	43.2	71.0	90		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430854
Report Date: 06/06/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930095-3 QC Sample: L2430854-01 Client ID: E8_2-4									
Zinc, Total	48.4	43.2	87.2	90	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430854

Report Date: 06/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1929601-4 QC Sample: L2429595-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430854

Report Date: 06/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930095-4 QC Sample: L2430854-01 Client ID: E8_2-4					
Aluminum, Total	13000	13100	mg/kg	1	20
Antimony, Total	0.824J	0.559J	mg/kg	NC	20
Arsenic, Total	0.796J	1.14	mg/kg	NC	20
Barium, Total	118	112	mg/kg	5	20
Beryllium, Total	0.465	0.420J	mg/kg	NC	20
Cadmium, Total	0.093J	0.098J	mg/kg	NC	20
Calcium, Total	546	533	mg/kg	2	20
Chromium, Total	23.2	22.3	mg/kg	4	20
Cobalt, Total	9.92	9.99	mg/kg	1	20
Copper, Total	25.7	24.6	mg/kg	4	20
Iron, Total	21000	20500	mg/kg	2	20
Lead, Total	3.78J	3.94J	mg/kg	NC	20
Magnesium, Total	5320	5140	mg/kg	3	20
Manganese, Total	342	335	mg/kg	2	20
Nickel, Total	18.0	17.8	mg/kg	1	20
Potassium, Total	4880	4710	mg/kg	4	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	67.9J	63.2J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430854

Report Date: 06/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930095-4 QC Sample: L2430854-01 Client ID: E8_2-4					
Thallium, Total	0.772J	0.642J	mg/kg	NC	20
Vanadium, Total	32.2	30.6	mg/kg	5	20
Zinc, Total	48.4	47.1	mg/kg	3	20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2430854
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2430854-01
Client ID: E8_2-4
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/24/24 11:15
Date Received: 05/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	06/04/24 22:33	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2430854

Report Date: 06/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1929695-1 QC Sample: L2430766-01 Client ID: DUP Sample						
Solids, Total	95.0	95.1	%	0		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2430854
Report Date: 06/06/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2430854-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2430854-01B	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430854
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430854
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430854
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2430854
Project Number:	3858.0004Y000	**Report Date:**	06/06/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/25/24

L2430854 WMC 6/4/24
ALPHA Job #: L2430854

Client Information
Client: Roux
Address: 201 SHAFTER ST
ISLANDIA, NY 11749
Phone: 631-232-7600
Fax:
Email: RLOMBENDO@ROUXENG.COM

Project Information
Project Name: ELMWOOD PRESERVE
Project Location: 950 DOBBS FERRY ROAD
Project #: 3958.0004Y000
(Use Project name as Project #)
Project Manager: RON LOMBENDO
ALPHAQuote #: 27525

Turn-Around Time
Standard: X — Due Date: STANDARD
Rush (only if pre approved): — # of Days:

Deliverables
ASP-A: — ASP-B: X
EQuIS (1 File): — EQuIS (4 File):
Other:

Billing Information
Same as Client Info: X
PO #:

Regulatory Requirement
NY TOGS: — NY Part 375:
AWQ Standards: — NY CP-51:
NY Restricted Use: — Other:
NY Unrestricted Use:
NYC Sewer Discharge:

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility: NJ: — NY:
Other:

These samples have been previously analyzed by Alpha:

Other project specific requirements/comments:

*TAL Metals

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	*	Sample Specific Comments	Total Bottle
2430854-01	EB-0-0.2	5/24/24	1020	S	EL		MS/MSD	9
-02	EB-0.2-2	"	1040	S	EL			7
-03	EB-05242024	"	1055	S W	EL			16
-04	EB-2-4	"	1115	S	EL	X	HOLD	3
-05	EB-4-6	"	1120	S	EL		HOLD	3
-06	DUP-05242024	"	1100	S	EL			7
-07	TB-05242024	5/20/24	—	W	EL			2

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A		
Preservative	A	A	A	A	A	A		

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/24/24 1140	Roux	5/24/24 1650
	5/24/24 1915		5/24/24 1920
	5/24/24		5/24/24 2200
	5/25 115		5/25/24 115

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2431675
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/10/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2431675
Report Date: 06/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2431675-01	A13_4-6	SOIL	850 DOBBS FERRY ROAD	05/23/24 14:45	05/23/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2431675
Project Number:	3858.0004Y000	**Report Date:**	06/10/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2431675
Project Number:	3858.0004Y000	**Report Date:**	06/10/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2431675-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/10/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2431675
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2431675-01
Client ID: A13_4-6
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 05/23/24 14:45
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/07/24 22:16
Analyst: AKM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/06/24 21:56
Cleanup Method: EPA 3620B
Cleanup Date: 06/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.748	0.334	1	A
Alpha-BHC	ND		ug/kg	0.748	0.212	1	A
Beta-BHC	ND		ug/kg	1.80	0.681	1	A
Heptachlor	ND		ug/kg	0.898	0.402	1	A
Aldrin	ND		ug/kg	1.80	0.632	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.748	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.786	1	A
Endrin ketone	ND		ug/kg	1.80	0.462	1	A
Dieldrin	ND		ug/kg	1.12	0.561	1	A
4,4'-DDE	ND		ug/kg	1.80	0.415	1	A
4,4'-DDD	ND		ug/kg	1.80	0.640	1	A
4,4'-DDT	ND		ug/kg	1.80	1.44	1	A
Endosulfan I	ND		ug/kg	1.80	0.424	1	A
Endosulfan II	ND		ug/kg	1.80	0.600	1	A
Endosulfan sulfate	ND		ug/kg	0.748	0.356	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.43	1	A
cis-Chlordane	ND		ug/kg	2.24	0.625	1	A
trans-Chlordane	ND		ug/kg	2.24	0.592	1	A
Chlordane	ND		ug/kg	15.0	5.95	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2431675

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2431675-01 Date Collected: 05/23/24 14:45

Client ID: A13_4-6 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2431675
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/07/24 21:30
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/06/24 21:56
Cleanup Method: EPA 3620B
Cleanup Date: 06/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1930879-1						
Delta-BHC	ND		ug/kg	1.51	0.296	A
Lindane	ND		ug/kg	0.630	0.282	A
Alpha-BHC	ND		ug/kg	0.630	0.179	A
Beta-BHC	ND		ug/kg	1.51	0.573	A
Heptachlor	ND		ug/kg	0.756	0.339	A
Aldrin	ND		ug/kg	1.51	0.532	A
Heptachlor epoxide	ND		ug/kg	2.84	0.851	A
Endrin	ND		ug/kg	0.630	0.258	A
Endrin aldehyde	ND		ug/kg	1.89	0.662	A
Endrin ketone	ND		ug/kg	1.51	0.389	A
Dieldrin	ND		ug/kg	0.945	0.472	A
4,4'-DDE	ND		ug/kg	1.51	0.350	A
4,4'-DDD	ND		ug/kg	1.51	0.539	A
4,4'-DDT	ND		ug/kg	1.51	1.22	A
Endosulfan I	ND		ug/kg	1.51	0.357	A
Endosulfan II	ND		ug/kg	1.51	0.505	A
Endosulfan sulfate	ND		ug/kg	0.630	0.300	A
Methoxychlor	ND		ug/kg	2.84	0.882	A
Toxaphene	ND		ug/kg	28.4	7.94	A
cis-Chlordane	ND		ug/kg	1.89	0.527	A
trans-Chlordane	ND		ug/kg	1.89	0.499	A
Chlordane	ND		ug/kg	12.6	5.01	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2431675
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/07/24 21:30
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/06/24 21:56
Cleanup Method: EPA 3620B
Cleanup Date: 06/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1930879-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	105		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2431675

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1930879-2 WG1930879-3									
Delta-BHC	88		92		30-150	4		30	A
Lindane	88		87		30-150	1		30	A
Alpha-BHC	92		92		30-150	0		30	A
Beta-BHC	105		110		30-150	5		30	A
Heptachlor	95		96		30-150	1		30	A
Aldrin	94		97		30-150	3		30	A
Heptachlor epoxide	89		90		30-150	1		30	A
Endrin	103		106		30-150	3		30	A
Endrin aldehyde	103		105		30-150	2		30	A
Endrin ketone	107		107		30-150	0		30	A
Dieldrin	109		111		30-150	2		30	A
4,4'-DDE	97		100		30-150	3		30	A
4,4'-DDD	104		106		30-150	2		30	A
4,4'-DDT	102		105		30-150	3		30	A
Endosulfan I	98		100		30-150	2		30	A
Endosulfan II	103		106		30-150	3		30	A
Endosulfan sulfate	102		102		30-150	0		30	A
Methoxychlor	124		131		30-150	5		30	A
cis-Chlordane	93		93		30-150	0		30	A
trans-Chlordane	111		114		30-150	3		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2431675

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1930879-2 WG1930879-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		73		30-150	A
Decachlorobiphenyl	94		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		75		30-150	B
Decachlorobiphenyl	102		100		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2431675

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

SAMPLE RESULTS

Lab ID: L2431675-01 Date Collected: 05/23/24 14:45

Client ID: A13_4-6 Date Received: 05/23/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12500		mg/kg	8.96	2.42	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Antimony, Total	0.760	J	mg/kg	4.48	0.340	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Arsenic, Total	2.06		mg/kg	0.896	0.186	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Barium, Total	75.6		mg/kg	0.896	0.156	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.408	J	mg/kg	0.448	0.030	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.119	J	mg/kg	0.896	0.088	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Calcium, Total	332		mg/kg	8.96	3.14	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Chromium, Total	20.7		mg/kg	0.896	0.086	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Cobalt, Total	9.13		mg/kg	1.79	0.149	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Copper, Total	18.5		mg/kg	0.896	0.231	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Iron, Total	20100		mg/kg	4.48	0.809	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Lead, Total	4.97		mg/kg	4.48	0.240	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Magnesium, Total	3980		mg/kg	8.96	1.38	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Manganese, Total	369		mg/kg	0.896	0.142	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Mercury, Total	0.297		mg/kg	0.073	0.048	1	06/07/24 08:30	06/07/24 19:24	EPA 7471B	1,7471B	JWN
Nickel, Total	14.6		mg/kg	2.24	0.217	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Potassium, Total	2780		mg/kg	224	12.9	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.79	0.231	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Silver, Total	0.262	J	mg/kg	0.448	0.254	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Sodium, Total	38.5	J	mg/kg	179	2.82	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Thallium, Total	0.418	J	mg/kg	1.79	0.282	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Vanadium, Total	28.8		mg/kg	0.896	0.182	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM
Zinc, Total	41.2		mg/kg	4.48	0.262	2	06/07/24 08:00	06/07/24 18:14	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2431675

Project Number: 3858.0004Y000 **Report Date:** 06/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1930954-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Chromium, Total	0.069	J	mg/kg	0.400	0.038	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Copper, Total	ND		mg/kg	0.400	0.103	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Iron, Total	1.45	J	mg/kg	2.00	0.361	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Potassium, Total	ND		mg/kg	100	5.76	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/07/24 08:00	06/07/24 10:43	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1930955-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/07/24 08:30	06/07/24 10:47	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2431675
Report Date: 06/10/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2431675

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1930954-2								
Aluminum, Total	97		-		80-120	-		
Antimony, Total	103		-		80-120	-		
Arsenic, Total	99		-		80-120	-		
Barium, Total	99		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Calcium, Total	104		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Cobalt, Total	100		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	102		-		80-120	-		
Lead, Total	102		-		80-120	-		
Magnesium, Total	103		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	101		-		80-120	-		
Potassium, Total	103		-		80-120	-		
Selenium, Total	101		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	98		-		80-120	-		
Vanadium, Total	100		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2431675

Report Date: 06/10/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1930954-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1930955-2					
Mercury, Total	99	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2431675
Report Date: 06/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930954-3 QC Sample: L2431736-01 Client ID: MS Sample												
Aluminum, Total	8630	188	8810	96		-	-		75-125	-		20
Antimony, Total	0.818J	47.1	43.3	92		-	-		75-125	-		20
Arsenic, Total	4.01	11.3	13.9	88		-	-		75-125	-		20
Barium, Total	47.9	188	221	92		-	-		75-125	-		20
Beryllium, Total	0.540	4.71	4.95	94		-	-		75-125	-		20
Cadmium, Total	0.161J	4.99	4.87	98		-	-		75-125	-		20
Calcium, Total	616	942	2100	**158**	Q	-	-		75-125	-		20
Chromium, Total	18.6	18.8	37.6	101		-	-		75-125	-		20
Cobalt, Total	11.1	47.1	50.4	83		-	-		75-125	-		20
Copper, Total	20.8	23.5	41.2	87		-	-		75-125	-		20
Iron, Total	20400	94.2	20800	**425**	Q	-	-		75-125	-		20
Lead, Total	100	49.9	80.7	**0**	Q	-	-		75-125	-		20
Magnesium, Total	2730	942	3540	86		-	-		75-125	-		20
Manganese, Total	222	47.1	271	104		-	-		75-125	-		20
Nickel, Total	14.5	47.1	57.3	91		-	-		75-125	-		20
Potassium, Total	1240	942	2080	89		-	-		75-125	-		20
Selenium, Total	0.490J	11.3	9.82	87		-	-		75-125	-		20
Silver, Total	ND	4.71	4.80	102		-	-		75-125	-		20
Sodium, Total	608	942	1580	103		-	-		75-125	-		20
Thallium, Total	0.302J	11.3	10.6	94		-	-		75-125	-		20
Vanadium, Total	33.0	47.1	73.4	86		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2431675
Report Date: 06/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930954-3 QC Sample: L2431736-01 Client ID: MS Sample									
Zinc, Total	38.3	47.1	87.6	105	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930955-3 QC Sample: L2431736-01 Client ID: MS Sample									
Mercury, Total	ND	1.56	1.71	110	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2431675
Report Date: 06/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930954-4 QC Sample: L2431736-01 Client ID: DUP Sample						
Aluminum, Total	8630	8680	mg/kg	1		20
Antimony, Total	0.818J	0.808J	mg/kg	NC		20
Arsenic, Total	4.01	3.66	mg/kg	9		20
Barium, Total	47.9	41.9	mg/kg	13		20
Beryllium, Total	0.540	0.502	mg/kg	7		20
Cadmium, Total	0.161J	0.151J	mg/kg	NC		20
Calcium, Total	616	699	mg/kg	13		20
Chromium, Total	18.6	18.3	mg/kg	2		20
Cobalt, Total	11.1	7.82	mg/kg	**35**	Q	20
Copper, Total	20.8	17.0	mg/kg	20		20
Iron, Total	20400	20600	mg/kg	1		20
Lead, Total	100	20.4	mg/kg	**132**	Q	20
Magnesium, Total	2730	2680	mg/kg	2		20
Manganese, Total	222	305	mg/kg	**31**	Q	20
Nickel, Total	14.5	13.1	mg/kg	10		20
Potassium, Total	1240	1050	mg/kg	17		20
Selenium, Total	0.490J	ND	mg/kg	NC		20
Silver, Total	ND	0.305J	mg/kg	NC		20
Sodium, Total	608	621	mg/kg	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2431675

Report Date: 06/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930954-4 QC Sample: L2431736-01 Client ID: DUP Sample					
Thallium, Total	0.302J	ND	mg/kg	NC	20
Vanadium, Total	33.0	28.6	mg/kg	14	20
Zinc, Total	38.3	38.2	mg/kg	0	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930955-4 QC Sample: L2431736-01 Client ID: DUP Sample					
Mercury, Total	ND	0.067J	mg/kg	NC	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2431675
Report Date: 06/10/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930954-6 QC Sample: L2431736-01 Client ID: DUP Sample						
Aluminum, Total	8630	9200	mg/kg	7		20
Barium, Total	47.9	50.7	mg/kg	6		20
Calcium, Total	616	664	mg/kg	8		20
Iron, Total	20400	22900	mg/kg	12		20
Magnesium, Total	2730	2930	mg/kg	7		20
Manganese, Total	222	236	mg/kg	6		20
Vanadium, Total	33.0	34.2	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2431675
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2431675-01
Client ID: A13_4-6
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 05/23/24 14:45
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	06/07/24 09:41	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2431675

Report Date: 06/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1931027-1 QC Sample: L2431782-01 Client ID: DUP Sample						
Solids, Total	75.7	76.1	%	1		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2431675
Report Date: 06/10/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2431675-01A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2431675-01C	Glass 500ml/16oz unpreserved	D	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2431675
Project Number:	3858.0004Y000	**Report Date:**	06/10/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2431675
Project Number:	3858.0004Y000	**Report Date:**	06/10/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2431675
Project Number:	3858.0004Y000	**Report Date:**	06/10/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2431675
Project Number:	3858.0004Y000	**Report Date:**	06/10/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2431675 WMC 6/6/24

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 5/24/24

ALPHA Job #: L2428918

Client Information

Client: Roux
Address: 2001 SHAFFER ST
ISLANDIA, NY 11749
Phone: 631-272-2600
Fax:
Email: RLOMBINO@ROUXINC.COM

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 850 DOBBS FERRY ROAD
Project #: 3858.0004Y000
(Use Project name as Project #)
Project Manager: RON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time

Standard [X] Due Date: STANDARD
Rush (only if pre approved) [ ] # of Days:

Deliverables

[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement

[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information

[X] Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

*PEST & TAL Metals

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments	Total Bottle
28918-11	C12-0.2-2	5/23/24	1245	S	EL		7
12	C12-2-4	"	1350	S	EL	* Hold	3
13	C12-4-6	"	1355	S	EL	* Hold	3
14	A13-0-0.2	"	1430	S	EL		3
15	A13-0.2-2	"	1435	S	EL		7
16	A13-2-4	"	1440	S	EL	* Hold	3
17	A13-4-6	"	1445	S	EL	* Hold	3
18	A13-7-9	"	1450	S	EL		7
19	DUP-05232024	"	1200	S	EL		7
20	TB-05232024	5/20/24	—	W	EL		2

31675-01

Container Type	E	A	A	A	A	A		
Preservative	A	A	A	A	A	A		

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, K/E = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	5/23/24 1310	OMAN	5-23-24 15:40
OMAN	5/23/24 17:07		5/23/24 18:40
	5/23/24		5/23 2210
	5/24 1130		5/24/24 130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2432392
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/20/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2432392-01	A5_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 11:00	06/10/24
L2432392-02	A5_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 11:05	06/10/24
L2432392-03	A5_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 11:10	06/10/24
L2432392-04	A5_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 11:15	06/10/24
L2432392-05	A6_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 11:30	06/10/24
L2432392-06	A6_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 11:35	06/10/24
L2432392-07	A6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 11:40	06/10/24
L2432392-08	A6_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 11:45	06/10/24
L2432392-09	A7_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 12:05	06/10/24
L2432392-10	A7_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 12:10	06/10/24
L2432392-11	A7_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 12:15	06/10/24
L2432392-12	A7_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 12:20	06/10/24
L2432392-13	A8_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 12:35	06/10/24
L2432392-14	A8_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 12:40	06/10/24
L2432392-15	A8_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 12:45	06/10/24
L2432392-16	A8_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 12:50	06/10/24
L2432392-17	A10_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 13:00	06/10/24
L2432392-18	A10_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 13:05	06/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2432392-19	A10_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 13:10	06/10/24
L2432392-20	A10_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 13:20	06/10/24
L2432392-21	A11_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 14:00	06/10/24
L2432392-22	A11_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 14:05	06/10/24
L2432392-23	A11_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 14:10	06/10/24
L2432392-24	A11_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 14:15	06/10/24
L2432392-25	A12_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 14:20	06/10/24
L2432392-26	A12_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 14:25	06/10/24
L2432392-27	A12_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 14:30	06/10/24
L2432392-28	A12_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 14:35	06/10/24
L2432392-29	DUP_06102024	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 12:00	06/10/24
L2432392-30	FB_06102024	FIELD BLANK	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 13:15	06/10/24
L2432392-31	TB_06102024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 00:00	06/10/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2432392
Project Number:	3858.0004Y000	**Report Date:**	06/20/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2432392
Project Number:	3858.0004Y000	**Report Date:**	06/20/24

Case Narrative (continued)

Report Revision

June 20, 2024: This report includes the results of the Pesticides analysis performed on L2432392-23 and the results of the Total Metals analysis performed on L2432392-23 and -27.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2432392-31 (TRIP BLANK): Headspace was noted in the sample container utilized for analysis.

Total Metals

L2432392-01, -02, -05, -06, -09, -10, -13, -14, -17, -18, -21, -23, -22, -25, -26, -27, and -29: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1934069-3/-4 MS/MSD recoveries for aluminum (465%/1030%) and iron (465%/940%), and manganese (MSD 128%), performed on L2432392-09, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1934069-4 MSD recovery, performed on L2432392-09, is outside the acceptance criteria for arsenic (126%). A post digestion spike was performed and was within acceptance criteria.

The WG1936525-3 MS recoveries for aluminum (717%), iron (1430%) and manganese (0%), performed on L2432392-23, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1936525-3 MS recovery, performed on L2432392-23, is outside the acceptance criteria for potassium (55%). A post digestion spike was performed and was within acceptance criteria.

The WG1936525-4 Laboratory Duplicate RPD for potassium (34%), performed on L2432392-23, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2432392
Project Number:	3858.0004Y000	**Report Date:**	06/20/24

Case Narrative (continued)

sample.

Hexavalent Chromium

The WG1935126-4/-5 Insoluble MS/MSD recoveries for chromium, hexavalent (63%/55%), performed on L2432392-09, are outside the acceptance criteria. The Soluble MS recovery for chromium, hexavalent (31%) was also outside criteria. This has been attributed to matrix interference. A post-spike was performed with a recovery of 97%.

The WG1935129-5 Soluble MS recovery for chromium, hexavalent (68%), performed on L2432392-29, was outside the acceptance criteria. This has been attributed to matrix interference. A post-spike was performed with a recovery of 101%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/20/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-02
Client ID: A5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 11:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/13/24 22:48
Analyst: AJK
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	4.0	J	ug/kg	7.3	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.39	1
Tetrachloroethene	ND		ug/kg	0.73	0.29	1
Chlorobenzene	ND		ug/kg	0.73	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.8	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.73	0.24	1
Bromodichloromethane	ND		ug/kg	0.73	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.73	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.73	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.73	0.23	1
Bromoform	ND		ug/kg	5.8	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.73	0.24	1
Benzene	ND		ug/kg	0.73	0.24	1
Toluene	ND		ug/kg	1.4	0.79	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.8	1.4	1
Bromomethane	ND		ug/kg	2.9	0.85	1
Vinyl chloride	ND		ug/kg	1.4	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-02 Date Collected: 06/10/24 11:05

Client ID: A5_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.73	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.82	1
o-Xylene	ND		ug/kg	1.4	0.42	1
Xylenes, Total	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.35	1
Styrene	ND		ug/kg	1.4	0.29	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	7.0	1
Carbon disulfide	ND		ug/kg	14	6.6	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.41	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.73	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.25	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.8	0.95	1
Acrylonitrile	ND		ug/kg	5.8	1.7	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-02 Date Collected: 06/10/24 11:05

Client ID: A5_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.49	1
1,4-Dioxane	ND		ug/kg	120	51.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.3	2.1	1
Tentatively Identified Compounds						
Total TIC Compounds	5.01	J	ug/kg			1
Unknown	5.01	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	95		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-06
Client ID: A6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 11:35
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/13/24 23:11
Analyst: AJK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	3.7	J	ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.63	0.24	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-06 Date Collected: 06/10/24 11:35

Client ID: A6_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.81	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-06 Date Collected: 06/10/24 11:35

Client ID: A6_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1
Tentatively Identified Compounds						
Total TIC Compounds	2.53	J	ug/kg			1
Unknown	2.53	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	95		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-10 Date Collected: 06/10/24 12:10
Client ID: A7_0.2-2 Date Received: 06/10/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/13/24 23:34
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	3.8	J	ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-10 Date Collected: 06/10/24 12:10

Client ID: A7_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.79	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-10 Date Collected: 06/10/24 12:10

Client ID: A7_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	4.91	J	ug/kg			1
Unknown	4.91	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	95		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-14
Client ID: A8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 12:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/13/24 23:57
Analyst: AJK
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	3.8	J	ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.70	0.27	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.97	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.70	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.81	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-14 Date Collected: 06/10/24 12:40

Client ID: A8_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.3	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.70	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.26	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.6	0.90	1
Acrylonitrile	ND		ug/kg	5.6	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-14 Date Collected: 06/10/24 12:40

Client ID: A8_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.46	1
1,4-Dioxane	ND		ug/kg	110	49.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.53	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.26	1
Ethyl ether	ND		ug/kg	2.8	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	2.0	1
Tentatively Identified Compounds						
Total TIC Compounds	5.95	J	ug/kg			1
Unknown	5.95	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	95		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-18
Client ID: A10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 13:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/14/24 00:20
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	3.7	J	ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-18 Date Collected: 06/10/24 13:05

Client ID: A10_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.69	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-18 Date Collected: 06/10/24 13:05

Client ID: A10_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	4.43	J	ug/kg			1
Unknown	4.43	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-22
Client ID: A11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/10/24 14:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/14/24 00:43
Analyst: AJK
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	4.9	J	ug/kg	8.2	3.7	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.24	1
Chloroform	ND		ug/kg	2.4	0.23	1
Carbon tetrachloride	ND		ug/kg	1.6	0.38	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.44	1
Tetrachloroethene	ND		ug/kg	0.82	0.32	1
Chlorobenzene	ND		ug/kg	0.82	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.5	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.42	1
1,1,1-Trichloroethane	ND		ug/kg	0.82	0.27	1
Bromodichloromethane	ND		ug/kg	0.82	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.45	1
cis-1,3-Dichloropropene	ND		ug/kg	0.82	0.26	1
1,3-Dichloropropene, Total	ND		ug/kg	0.82	0.26	1
1,1-Dichloropropene	ND		ug/kg	0.82	0.26	1
Bromoform	ND		ug/kg	6.5	0.40	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.82	0.27	1
Benzene	ND		ug/kg	0.82	0.27	1
Toluene	ND		ug/kg	1.6	0.89	1
Ethylbenzene	ND		ug/kg	1.6	0.23	1
Chloromethane	ND		ug/kg	6.5	1.5	1
Bromomethane	ND		ug/kg	3.3	0.95	1
Vinyl chloride	ND		ug/kg	1.6	0.55	1
Chloroethane	ND		ug/kg	3.3	0.74	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-22 Date Collected: 06/10/24 14:05

Client ID: A11_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.82	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.3	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	3.3	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.3	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.33	1
p/m-Xylene	ND		ug/kg	3.3	0.92	1
o-Xylene	ND		ug/kg	1.6	0.48	1
Xylenes, Total	ND		ug/kg	1.6	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.29	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	3.3	0.39	1
Styrene	ND		ug/kg	1.6	0.32	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	ND		ug/kg	16	7.9	1
Carbon disulfide	ND		ug/kg	16	7.4	1
2-Butanone	ND		ug/kg	16	3.6	1
Vinyl acetate	ND		ug/kg	16	3.5	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.1	1
1,2,3-Trichloropropane	ND		ug/kg	3.3	0.21	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.3	0.34	1
2,2-Dichloropropane	ND		ug/kg	3.3	0.33	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.46	1
1,3-Dichloropropane	ND		ug/kg	3.3	0.27	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.82	0.22	1
Bromobenzene	ND		ug/kg	3.3	0.24	1
n-Butylbenzene	ND		ug/kg	1.6	0.27	1
sec-Butylbenzene	ND		ug/kg	1.6	0.24	1
tert-Butylbenzene	ND		ug/kg	3.3	0.19	1
o-Chlorotoluene	ND		ug/kg	3.3	0.31	1
p-Chlorotoluene	ND		ug/kg	3.3	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.5	0.28	1
Isopropylbenzene	ND		ug/kg	1.6	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.18	1
Naphthalene	ND		ug/kg	6.5	1.1	1
Acrylonitrile	ND		ug/kg	6.5	1.9	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-22 Date Collected: 06/10/24 14:05

Client ID: A11_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.3	0.53	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.3	0.44	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.3	0.32	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.3	0.55	1
1,4-Dioxane	ND		ug/kg	130	57.	1
p-Diethylbenzene	ND		ug/kg	3.3	0.29	1
p-Ethyltoluene	ND		ug/kg	3.3	0.63	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.3	0.31	1
Ethyl ether	ND		ug/kg	3.3	0.56	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.2	2.3	1
Tentatively Identified Compounds						
Total TIC Compounds	4.30	J	ug/kg			1
Unknown	4.30	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-26
Client ID: A12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/10/24 14:25
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/14/24 01:06
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	3.6	J	ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-26 Date Collected: 06/10/24 14:25

Client ID: A12_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.22	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-26 Date Collected: 06/10/24 14:25

Client ID: A12_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
1,4-Dioxane	ND		ug/kg	90	40.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.22	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1
Tentatively Identified Compounds						
Total TIC Compounds	4.70	J	ug/kg			1
Unknown	4.70	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-31 Date Collected: 06/10/24 00:00

Client ID: TB_06102024 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Trip Blank (Aqueous)

Analytical Method: 1,8260D

Analytical Date: 06/13/24 19:57

Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-31 Date Collected: 06/10/24 00:00

Client ID: TB_06102024 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-31 Date Collected: 06/10/24 00:00

Client ID: TB_06102024 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	113		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 18:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG1934322-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 18:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG1934322-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 18:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG1934322-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/l

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 18:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG1934322-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	111		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 22:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1934454-5					
Methylene chloride	2.9	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 22:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1934454-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.32	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 22:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1934454-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	1.2	J	ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	3.49	J	ug/kg
Unknown	3.49	J	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 22:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1934454-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	92		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1934322-3 WG1934322-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	110		120		70-130	9		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		120		63-132	9		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	92		93		63-130	1		20
1,1,2-Trichloroethane	99		99		70-130	0		20
Tetrachloroethene	100		97		70-130	3		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	110		120		67-130	9		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	100		110		70-130	10		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	88		89		54-136	1		20
1,1,2,2-Tetrachloroethane	97		100		67-130	3		20
Benzene	110		110		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	100		110		64-130	10		20
Bromomethane	73		78		39-139	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1934322-3 WG1934322-4								
Vinyl chloride	110		120		55-140	9		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	99		100		70-130	1		20
1,3-Dichlorobenzene	99		100		70-130	1		20
1,4-Dichlorobenzene	99		100		70-130	1		20
Methyl tert butyl ether	96		100		63-130	4		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	120		110		70-130	9		20
Dibromomethane	100		110		70-130	10		20
1,2,3-Trichloropropane	98		110		64-130	12		20
Acrylonitrile	100		110		70-130	10		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	110		120		36-147	9		20
Acetone	100		120		58-148	18		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	94		100		63-138	6		20
Vinyl acetate	100		110		70-130	10		20
4-Methyl-2-pentanone	88		100		59-130	13		20
2-Hexanone	85		100		57-130	16		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1934322-3 WG1934322-4								
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	93		96		70-130	3		20
1,3-Dichloropropane	100		99		70-130	1		20
1,1,1,2-Tetrachloroethane	94		93		64-130	1		20
Bromobenzene	98		100		70-130	2		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	87		96		41-144	10		20
Hexachlorobutadiene	100		95		63-130	5		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	97		100		70-130	3		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	98		100		70-130	2		20
1,2,4-Trichlorobenzene	97		96		70-130	1		20
1,3,5-Trimethylbenzene	100		110		64-130	10		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	92		102		56-162	10		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1934322-3 WG1934322-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	99		110		59-134	11		20
trans-1,4-Dichloro-2-butene	94		100		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		108		70-130
Toluene-d8	101		97		70-130
4-Bromofluorobenzene	105		106		70-130
Dibromofluoromethane	99		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1934454-3 WG1934454-4								
Methylene chloride	101		102		70-130	1		30
1,1-Dichloroethane	93		91		70-130	2		30
Chloroform	95		96		70-130	1		30
Carbon tetrachloride	93		94		70-130	1		30
1,2-Dichloropropane	89		88		70-130	1		30
Dibromochloromethane	98		96		70-130	2		30
1,1,2-Trichloroethane	98		93		70-130	5		30
Tetrachloroethene	90		86		70-130	5		30
Chlorobenzene	100		97		70-130	3		30
Trichlorofluoromethane	78		80		70-139	3		30
1,2-Dichloroethane	90		90		70-130	0		30
1,1,1-Trichloroethane	96		97		70-130	1		30
Bromodichloromethane	94		96		70-130	2		30
trans-1,3-Dichloropropene	109		102		70-130	7		30
cis-1,3-Dichloropropene	95		95		70-130	0		30
1,1-Dichloropropene	100		98		70-130	2		30
Bromoform	98		95		70-130	3		30
1,1,2,2-Tetrachloroethane	77		86		70-130	11		30
Benzene	100		97		70-130	3		30
Toluene	104		97		70-130	7		30
Ethylbenzene	101		98		70-130	3		30
Chloromethane	**46**	Q	**47**	Q	52-130	2		30
Bromomethane	73		69		57-147	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1934454-3 WG1934454-4								
Vinyl chloride	**59**	Q	**59**	Q	67-130	0		30
Chloroethane	71		64		50-151	10		30
1,1-Dichloroethene	100		105		65-135	5		30
trans-1,2-Dichloroethene	98		100		70-130	2		30
Trichloroethene	109		108		70-130	1		30
1,2-Dichlorobenzene	108		102		70-130	6		30
1,3-Dichlorobenzene	104		100		70-130	4		30
1,4-Dichlorobenzene	104		98		70-130	6		30
Methyl tert butyl ether	103		100		66-130	3		30
p/m-Xylene	102		100		70-130	2		30
o-Xylene	100		102		70-130	2		30
cis-1,2-Dichloroethene	97		97		70-130	0		30
Dibromomethane	86		88		70-130	2		30
Styrene	94		102		70-130	8		30
Dichlorodifluoromethane	52		53		30-146	2		30
Acetone	**53**	Q	55		54-140	4		30
Carbon disulfide	94		98		59-130	4		30
2-Butanone	**53**	Q	**52**	Q	70-130	2		30
Vinyl acetate	**44**	Q	**42**	Q	70-130	5		30
4-Methyl-2-pentanone	74		72		70-130	3		30
1,2,3-Trichloropropane	99		107		68-130	8		30
2-Hexanone	**55**	Q	**57**	Q	70-130	4		30
Bromochloromethane	94		97		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1934454-3 WG1934454-4

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
2,2-Dichloropropane	99		97		70-130	2		30
1,2-Dibromoethane	102		100		70-130	2		30
1,3-Dichloropropane	104		97		69-130	7		30
1,1,1,2-Tetrachloroethane	102		99		70-130	3		30
Bromobenzene	101		104		70-130	3		30
n-Butylbenzene	116		110		70-130	5		30
sec-Butylbenzene	112		110		70-130	2		30
tert-Butylbenzene	115		115		70-130	0		30
o-Chlorotoluene	105		129		70-130	21		30
p-Chlorotoluene	112		116		70-130	4		30
1,2-Dibromo-3-chloropropane	91		86		68-130	6		30
Hexachlorobutadiene	108		100		67-130	8		30
Isopropylbenzene	118		117		70-130	1		30
p-Isopropyltoluene	98		103		70-130	5		30
Naphthalene	114		111		70-130	3		30
Acrylonitrile	71		71		70-130	0		30
n-Propylbenzene	102		112		70-130	9		30
1,2,3-Trichlorobenzene	107		100		70-130	7		30
1,2,4-Trichlorobenzene	111		103		70-130	7		30
1,3,5-Trimethylbenzene	111		118		70-130	6		30
1,2,4-Trimethylbenzene	116		117		70-130	1		30
1,4-Dioxane	76		83		65-136	9		30
p-Diethylbenzene	114		110		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1934454-3 WG1934454-4								
p-Ethyltoluene	111		114		70-130	3		30
1,2,4,5-Tetramethylbenzene	100		104		70-130	4		30
Ethyl ether	92		90		67-130	2		30
trans-1,4-Dichloro-2-butene	84		87		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		96		70-130
Toluene-d8	106		102		70-130
4-Bromofluorobenzene	108		122		70-130
Dibromofluoromethane	89		93		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-02
Client ID: A5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 11:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 13:25
Analyst: ALS
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 06/15/24 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	160	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-02 Date Collected: 06/10/24 11:05

Client ID: A5_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-02 Date Collected: 06/10/24 11:05

Client ID: A5_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	63.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	65		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-06
Client ID: A6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 11:35
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 13:48
Analyst: ALS
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/15/24 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	29	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-06 Date Collected: 06/10/24 11:35

Client ID: A6_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	31	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	36	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	25	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	21	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-06 Date Collected: 06/10/24 11:35

Client ID: A6_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	56		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-10
Client ID: A7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 12:10
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 14:11
Analyst: ALS
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/15/24 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-10 Date Collected: 06/10/24 12:10

Client ID: A7_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-10 Date Collected: 06/10/24 12:10

Client ID: A7_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	58		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-14
Client ID: A8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 12:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 14:34
Analyst: ALS
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/15/24 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-14 Date Collected: 06/10/24 12:40

Client ID: A8_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-14 Date Collected: 06/10/24 12:40

Client ID: A8_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1
Tentatively Identified Compounds						
Total TIC Compounds	238	J	ug/kg			1
Unknown	238	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	46		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	47		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-18
Client ID: A10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 13:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 14:56
Analyst: ALS
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/15/24 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-18 Date Collected: 06/10/24 13:05

Client ID: A10_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-18 Date Collected: 06/10/24 13:05

Client ID: A10_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	78		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-22
Client ID: A11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 14:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 15:19
Analyst: ALS
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/15/24 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	35.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	35.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	71.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-22 Date Collected: 06/10/24 14:05

Client ID: A11_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	85.	1
Dibenzofuran	ND		ug/kg	210	19.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	440	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-22 Date Collected: 06/10/24 14:05

Client ID: A11_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	39.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	63.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	48		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	46		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-26
Client ID: A12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/10/24 14:25
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 15:42
Analyst: ALS
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/15/24 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-26 Date Collected: 06/10/24 14:25

Client ID: A12_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-26 Date Collected: 06/10/24 14:25

Client ID: A12_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
Total TIC Compounds	151	J	ug/kg			1
Unknown	151	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	104		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	45		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	61		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/15/24 02:55
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/14/24 06:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1934254-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/15/24 02:55
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/14/24 06:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1934254-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/15/24 02:55
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/14/24 06:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1934254-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	105		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1934254-2 WG1934254-3								
Acenaphthene	86		81		31-137	6		50
1,2,4-Trichlorobenzene	93		83		38-107	11		50
Hexachlorobenzene	98		92		40-140	6		50
Bis(2-chloroethyl)ether	88		80		40-140	10		50
2-Chloronaphthalene	91		86		40-140	6		50
1,2-Dichlorobenzene	90		82		40-140	9		50
1,3-Dichlorobenzene	91		82		40-140	10		50
1,4-Dichlorobenzene	90		81		28-104	11		50
3,3'-Dichlorobenzidine	85		82		40-140	4		50
2,4-Dinitrotoluene	91		88		40-132	3		50
2,6-Dinitrotoluene	93		88		40-140	6		50
Fluoranthene	95		93		40-140	2		50
4-Chlorophenyl phenyl ether	100		96		40-140	4		50
4-Bromophenyl phenyl ether	101		97		40-140	4		50
Bis(2-chloroisopropyl)ether	94		85		40-140	10		50
Bis(2-chloroethoxy)methane	90		80		40-117	12		50
Hexachlorobutadiene	120		110		40-140	9		50
Hexachlorocyclopentadiene	127		118		40-140	7		50
Hexachloroethane	97		84		40-140	14		50
Isophorone	82		73		40-140	12		50
Naphthalene	88		84		40-140	5		50
Nitrobenzene	87		78		40-140	11		50
NDPA/DPA	89		84		36-157	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1934254-2 WG1934254-3								
n-Nitrosodi-n-propylamine	90		83		32-121	8		50
Bis(2-ethylhexyl)phthalate	96		91		40-140	5		50
Butyl benzyl phthalate	98		97		40-140	1		50
Di-n-butylphthalate	95		92		40-140	3		50
Di-n-octylphthalate	99		97		40-140	2		50
Diethyl phthalate	91		86		40-140	6		50
Dimethyl phthalate	90		86		40-140	5		50
Benzo(a)anthracene	95		90		40-140	5		50
Benzo(a)pyrene	102		98		40-140	4		50
Benzo(b)fluoranthene	95		92		40-140	3		50
Benzo(k)fluoranthene	101		96		40-140	5		50
Chrysene	93		90		40-140	3		50
Acenaphthylene	89		84		40-140	6		50
Anthracene	93		90		40-140	3		50
Benzo(ghi)perylene	99		95		40-140	4		50
Fluorene	87		83		40-140	5		50
Phenanthrene	88		86		40-140	2		50
Dibenzo(a,h)anthracene	100		95		40-140	5		50
Indeno(1,2,3-cd)pyrene	100		94		40-140	6		50
Pyrene	94		92		35-142	2		50
Biphenyl	84		79		37-127	6		50
4-Chloroaniline	67		60		40-140	11		50
2-Nitroaniline	88		86		47-134	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1934254-2 WG1934254-3								
3-Nitroaniline	58		56		26-129	4		50
4-Nitroaniline	81		76		41-125	6		50
Dibenzofuran	90		85		40-140	6		50
2-Methylnaphthalene	91		88		40-140	3		50
1,2,4,5-Tetrachlorobenzene	100		94		40-117	6		50
Acetophenone	86		78		14-144	10		50
2,4,6-Trichlorophenol	104		95		30-130	9		50
p-Chloro-m-cresol	90		86		26-103	5		50
2-Chlorophenol	92		82		25-102	11		50
2,4-Dichlorophenol	89		80		30-130	11		50
2,4-Dimethylphenol	84		76		30-130	10		50
2-Nitrophenol	94		85		30-130	10		50
4-Nitrophenol	85		83		11-114	2		50
2,4-Dinitrophenol	87		84		4-130	4		50
4,6-Dinitro-o-cresol	103		100		10-130	3		50
Pentachlorophenol	97		91		17-109	6		50
Phenol	90		82		26-90	9		50
2-Methylphenol	88		80		30-130.	10		50
3-Methylphenol/4-Methylphenol	86		77		30-130	11		50
2,4,5-Trichlorophenol	98		95		30-130	3		50
Benzoic Acid	62		65		10-110	5		50
Benzyl Alcohol	96		85		40-140	12		50
Carbazole	87		85		54-128	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1934254-2 WG1934254-3								
1,4-Dioxane	69		64		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	100		89		25-120
Phenol-d6	90		79		10-120
Nitrobenzene-d5	84		73		23-120
2-Fluorobiphenyl	93		86		30-120
2,4,6-Tribromophenol	103		96		10-136
4-Terphenyl-d14	97		95		18-120

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-02
Client ID: A5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 11:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 09:33
Analyst: RMP
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 21:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.2	5.43	1	A
Aroclor 1221	ND		ug/kg	61.2	6.13	1	A
Aroclor 1232	ND		ug/kg	61.2	13.0	1	A
Aroclor 1242	ND		ug/kg	61.2	8.25	1	A
Aroclor 1248	ND		ug/kg	61.2	9.18	1	A
Aroclor 1254	ND		ug/kg	61.2	6.69	1	A
Aroclor 1260	ND		ug/kg	61.2	11.3	1	A
Aroclor 1262	ND		ug/kg	61.2	7.77	1	A
Aroclor 1268	ND		ug/kg	61.2	6.34	1	A
PCBs, Total	ND		ug/kg	61.2	5.43	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-06
Client ID: A6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 11:35
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 09:41
Analyst: RMP
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 21:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.5	5.02	1	A
Aroclor 1221	ND		ug/kg	56.5	5.66	1	A
Aroclor 1232	ND		ug/kg	56.5	12.0	1	A
Aroclor 1242	ND		ug/kg	56.5	7.62	1	A
Aroclor 1248	ND		ug/kg	56.5	8.48	1	A
Aroclor 1254	ND		ug/kg	56.5	6.18	1	A
Aroclor 1260	ND		ug/kg	56.5	10.4	1	A
Aroclor 1262	ND		ug/kg	56.5	7.18	1	A
Aroclor 1268	ND		ug/kg	56.5	5.85	1	A
PCBs, Total	ND		ug/kg	56.5	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-10
Client ID: A7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 12:10
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 09:49
Analyst: RMP
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 21:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.4	4.92	1	A
Aroclor 1221	ND		ug/kg	55.4	5.55	1	A
Aroclor 1232	ND		ug/kg	55.4	11.7	1	A
Aroclor 1242	ND		ug/kg	55.4	7.46	1	A
Aroclor 1248	ND		ug/kg	55.4	8.30	1	A
Aroclor 1254	ND		ug/kg	55.4	6.06	1	A
Aroclor 1260	ND		ug/kg	55.4	10.2	1	A
Aroclor 1262	ND		ug/kg	55.4	7.03	1	A
Aroclor 1268	ND		ug/kg	55.4	5.73	1	A
PCBs, Total	ND		ug/kg	55.4	4.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-14
Client ID: A8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 12:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 09:57
Analyst: RMP
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 21:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.8	5.13	1	A
Aroclor 1221	ND		ug/kg	57.8	5.79	1	A
Aroclor 1232	ND		ug/kg	57.8	12.2	1	A
Aroclor 1242	ND		ug/kg	57.8	7.78	1	A
Aroclor 1248	ND		ug/kg	57.8	8.66	1	A
Aroclor 1254	ND		ug/kg	57.8	6.32	1	A
Aroclor 1260	ND		ug/kg	57.8	10.7	1	A
Aroclor 1262	ND		ug/kg	57.8	7.34	1	A
Aroclor 1268	ND		ug/kg	57.8	5.98	1	A
PCBs, Total	ND		ug/kg	57.8	5.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-18
Client ID: A10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 13:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 10:05
Analyst: RMP
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 21:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.5	4.66	1	A
Aroclor 1221	ND		ug/kg	52.5	5.26	1	A
Aroclor 1232	ND		ug/kg	52.5	11.1	1	A
Aroclor 1242	ND		ug/kg	52.5	7.07	1	A
Aroclor 1248	ND		ug/kg	52.5	7.87	1	A
Aroclor 1254	ND		ug/kg	52.5	5.74	1	A
Aroclor 1260	ND		ug/kg	52.5	9.70	1	A
Aroclor 1262	ND		ug/kg	52.5	6.66	1	A
Aroclor 1268	ND		ug/kg	52.5	5.44	1	A
PCBs, Total	ND		ug/kg	52.5	4.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-22
Client ID: A11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 14:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 10:12
Analyst: RMP
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 21:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.2	5.25	1	A
Aroclor 1221	ND		ug/kg	59.2	5.93	1	A
Aroclor 1232	ND		ug/kg	59.2	12.5	1	A
Aroclor 1242	ND		ug/kg	59.2	7.97	1	A
Aroclor 1248	ND		ug/kg	59.2	8.87	1	A
Aroclor 1254	ND		ug/kg	59.2	6.47	1	A
Aroclor 1260	ND		ug/kg	59.2	10.9	1	A
Aroclor 1262	ND		ug/kg	59.2	7.51	1	A
Aroclor 1268	ND		ug/kg	59.2	6.13	1	A
PCBs, Total	ND		ug/kg	59.2	5.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-26
Client ID: A12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 14:25
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 10:20
Analyst: RMP
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 21:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.6	4.84	1	A
Aroclor 1221	ND		ug/kg	54.6	5.47	1	A
Aroclor 1232	ND		ug/kg	54.6	11.6	1	A
Aroclor 1242	ND		ug/kg	54.6	7.35	1	A
Aroclor 1248	ND		ug/kg	54.6	8.18	1	A
Aroclor 1254	ND		ug/kg	54.6	5.97	1	A
Aroclor 1260	ND		ug/kg	54.6	10.1	1	A
Aroclor 1262	ND		ug/kg	54.6	6.93	1	A
Aroclor 1268	ND		ug/kg	54.6	5.65	1	A
PCBs, Total	ND		ug/kg	54.6	4.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/15/24 08:15
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 06/14/24 21:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1934655-1						
Aroclor 1016	ND		ug/kg	49.8	4.42	A
Aroclor 1221	ND		ug/kg	49.8	4.98	A
Aroclor 1232	ND		ug/kg	49.8	10.5	A
Aroclor 1242	ND		ug/kg	49.8	6.71	A
Aroclor 1248	ND		ug/kg	49.8	7.46	A
Aroclor 1254	ND		ug/kg	49.8	5.44	A
Aroclor 1260	ND		ug/kg	49.8	9.19	A
Aroclor 1262	ND		ug/kg	49.8	6.32	A
Aroclor 1268	ND		ug/kg	49.8	5.15	A
PCBs, Total	ND		ug/kg	49.8	4.42	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1934655-2 WG1934655-3									
Aroclor 1016	81		79		40-140	3		50	A
Aroclor 1260	74		70		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		71		30-150	A
Decachlorobiphenyl	77		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		76		30-150	B
Decachlorobiphenyl	76		77		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-01
Client ID: A5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 11:00
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 17:49
Analyst: AKM
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 23:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.03	0.397	1	A
Lindane	ND		ug/kg	0.846	0.378	1	A
Alpha-BHC	ND		ug/kg	0.846	0.240	1	A
Beta-BHC	ND		ug/kg	2.03	0.769	1	A
Heptachlor	ND		ug/kg	1.01	0.455	1	A
Aldrin	ND		ug/kg	2.03	0.714	1	A
Heptachlor epoxide	ND		ug/kg	3.80	1.14	1	A
Endrin	ND		ug/kg	0.846	0.347	1	A
Endrin aldehyde	ND		ug/kg	2.54	0.888	1	A
Endrin ketone	ND		ug/kg	2.03	0.522	1	A
Dieldrin	ND		ug/kg	1.27	0.634	1	A
4,4'-DDE	12.0		ug/kg	2.03	0.469	1	B
4,4'-DDD	ND		ug/kg	2.03	0.724	1	A
4,4'-DDT	8.20		ug/kg	2.03	1.63	1	A
Endosulfan I	ND		ug/kg	2.03	0.479	1	A
Endosulfan II	ND		ug/kg	2.03	0.678	1	A
Endosulfan sulfate	ND		ug/kg	0.846	0.402	1	A
Methoxychlor	ND		ug/kg	3.80	1.18	1	A
Toxaphene	ND		ug/kg	38.0	10.6	1	A
cis-Chlordane	ND		ug/kg	2.54	0.707	1	A
trans-Chlordane	ND		ug/kg	2.54	0.670	1	A
Chlordane	ND		ug/kg	16.9	6.72	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-01 Date Collected: 06/10/24 11:00

Client ID: A5_0-0.2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-01
Client ID: A5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 11:00
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/16/24 15:11
Analyst: AKM
Percent Solids: 78%
Methylation Date: 06/15/24 19:00

Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	215	13.5	1	A
2,4,5-T	ND		ug/kg	215	6.65	1	A
2,4,5-TP (Silvex)	ND		ug/kg	215	5.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	75		30-150	A
DCAA	75		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-02
Client ID: A5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 11:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 14:08
Analyst: JAG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 20:44
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.377	1	A
Lindane	ND		ug/kg	0.802	0.358	1	A
Alpha-BHC	ND		ug/kg	0.802	0.228	1	A
Beta-BHC	ND		ug/kg	1.92	0.730	1	A
Heptachlor	ND		ug/kg	0.963	0.432	1	A
Aldrin	ND		ug/kg	1.92	0.678	1	A
Heptachlor epoxide	ND		ug/kg	3.61	1.08	1	A
Endrin	ND		ug/kg	0.802	0.329	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.842	1	A
Endrin ketone	ND		ug/kg	1.92	0.496	1	A
Dieldrin	ND		ug/kg	1.20	0.602	1	A
4,4'-DDE	1.51	JIP	ug/kg	1.92	0.445	1	A
4,4'-DDD	ND		ug/kg	1.92	0.687	1	A
4,4'-DDT	ND		ug/kg	1.92	1.55	1	B
Endosulfan I	ND		ug/kg	1.92	0.455	1	A
Endosulfan II	ND		ug/kg	1.92	0.643	1	A
Endosulfan sulfate	ND		ug/kg	0.802	0.382	1	A
Methoxychlor	ND		ug/kg	3.61	1.12	1	A
Toxaphene	ND		ug/kg	36.1	10.1	1	A
cis-Chlordane	ND		ug/kg	2.41	0.671	1	A
trans-Chlordane	ND		ug/kg	2.41	0.635	1	A
Chlordane	ND		ug/kg	16.0	6.38	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-02 Date Collected: 06/10/24 11:05

Client ID: A5_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-02
Client ID: A5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 11:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/16/24 15:30
Analyst: AKM
Percent Solids: 79%
Methylation Date: 06/15/24 19:00

Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	206	13.0	1	A
2,4,5-T	ND		ug/kg	206	6.39	1	A
2,4,5-TP (Silvex)	ND		ug/kg	206	5.48	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	81		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-05
Client ID: A6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 11:30
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 18:23
Analyst: AKM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 23:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.345	1	A
Lindane	ND		ug/kg	0.733	0.328	1	A
Alpha-BHC	ND		ug/kg	0.733	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.667	1	A
Heptachlor	ND		ug/kg	0.880	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.620	1	A
Heptachlor epoxide	ND	IP	ug/kg	3.30	0.990	1	A
Endrin	ND		ug/kg	0.733	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.770	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	10.3		ug/kg	1.10	0.550	1	A
4,4'-DDE	27.4		ug/kg	1.76	0.407	1	B
4,4'-DDD	ND		ug/kg	1.76	0.628	1	A
4,4'-DDT	11.3		ug/kg	1.76	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.733	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.03	1	A
Toxaphene	ND		ug/kg	33.0	9.24	1	A
cis-Chlordane	0.677	JIP	ug/kg	2.20	0.613	1	B
trans-Chlordane	1.14	J	ug/kg	2.20	0.581	1	B
Chlordane	ND		ug/kg	14.7	5.83	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-05 Date Collected: 06/10/24 11:30

Client ID: A6_0-0.2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-05
Client ID: A6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 11:30
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/16/24 16:26
Analyst: AKM
Percent Solids: 86%
Methylation Date: 06/15/24 19:00

Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	190	12.0	1	A
2,4,5-T	ND		ug/kg	190	5.88	1	A
2,4,5-TP (Silvex)	ND		ug/kg	190	5.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	76		30-150	A
DCAA	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-06
Client ID: A6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 11:35
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 14:20
Analyst: JAG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 20:44
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.763	0.341	1	A
Alpha-BHC	ND		ug/kg	0.763	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.694	1	A
Heptachlor	ND		ug/kg	0.916	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.645	1	A
Heptachlor epoxide	ND		ug/kg	3.43	1.03	1	A
Endrin	ND		ug/kg	0.763	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.801	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	ND		ug/kg	1.14	0.572	1	A
4,4'-DDE	0.801	JIP	ug/kg	1.83	0.424	1	A
4,4'-DDD	ND		ug/kg	1.83	0.653	1	A
4,4'-DDT	ND		ug/kg	1.83	1.47	1	B
Endosulfan I	ND		ug/kg	1.83	0.433	1	A
Endosulfan II	ND		ug/kg	1.83	0.612	1	A
Endosulfan sulfate	ND		ug/kg	0.763	0.363	1	A
Methoxychlor	ND		ug/kg	3.43	1.07	1	A
Toxaphene	ND		ug/kg	34.3	9.62	1	A
cis-Chlordane	ND		ug/kg	2.29	0.638	1	A
trans-Chlordane	ND		ug/kg	2.29	0.604	1	A
Chlordane	ND		ug/kg	15.3	6.07	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-06 Date Collected: 06/10/24 11:35

Client ID: A6_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-06
Client ID: A6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 11:35
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/16/24 16:45
Analyst: AKM
Percent Solids: 84%
Methylation Date: 06/15/24 19:00

Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	193	12.2	1	A
2,4,5-T	ND		ug/kg	193	6.00	1	A
2,4,5-TP (Silvex)	ND		ug/kg	193	5.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-09
Client ID: A7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 12:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 18:34
Analyst: AKM
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 23:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.18	0.427	1	A
Lindane	ND		ug/kg	0.909	0.406	1	A
Alpha-BHC	ND		ug/kg	0.909	0.258	1	A
Beta-BHC	ND		ug/kg	2.18	0.827	1	A
Heptachlor	ND		ug/kg	1.09	0.489	1	A
Aldrin	ND		ug/kg	2.18	0.768	1	A
Heptachlor epoxide	3.28	J	ug/kg	4.09	1.23	1	B
Endrin	ND		ug/kg	0.909	0.373	1	A
Endrin aldehyde	ND		ug/kg	2.73	0.954	1	A
Endrin ketone	ND		ug/kg	2.18	0.562	1	A
Dieldrin	4.71		ug/kg	1.36	0.682	1	A
4,4'-DDE	36.1		ug/kg	2.18	0.504	1	B
4,4'-DDD	ND		ug/kg	2.18	0.778	1	A
4,4'-DDT	11.7		ug/kg	2.18	1.75	1	A
Endosulfan I	ND		ug/kg	2.18	0.515	1	A
Endosulfan II	ND		ug/kg	2.18	0.729	1	A
Endosulfan sulfate	ND		ug/kg	0.909	0.433	1	A
Methoxychlor	ND		ug/kg	4.09	1.27	1	A
Toxaphene	ND		ug/kg	40.9	11.4	1	A
cis-Chlordane	1.47	JIP	ug/kg	2.73	0.760	1	B
trans-Chlordane	1.39	JIP	ug/kg	2.73	0.720	1	A
Chlordane	ND		ug/kg	18.2	7.23	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-09 Date Collected: 06/10/24 12:05

Client ID: A7_0-0.2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-09
Client ID: A7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/10/24 12:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/16/24 17:03
Analyst: AKM
Percent Solids: 72%
Methylation Date: 06/15/24 19:00
Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	230	14.5	1	A
2,4,5-T	ND		ug/kg	230	7.12	1	A
2,4,5-TP (Silvex)	ND		ug/kg	230	6.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	79		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-10
Client ID: A7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 12:10
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 14:32
Analyst: JAG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 20:44
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.754	0.337	1	A
Alpha-BHC	ND		ug/kg	0.754	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.686	1	A
Heptachlor	ND		ug/kg	0.905	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.637	1	A
Heptachlor epoxide	ND		ug/kg	3.39	1.02	1	A
Endrin	ND		ug/kg	0.754	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.792	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	ND		ug/kg	1.13	0.566	1	A
4,4'-DDE	1.98	IP	ug/kg	1.81	0.419	1	A
4,4'-DDD	ND		ug/kg	1.81	0.646	1	A
4,4'-DDT	ND		ug/kg	1.81	1.46	1	B
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.605	1	A
Endosulfan sulfate	ND		ug/kg	0.754	0.359	1	A
Methoxychlor	ND		ug/kg	3.39	1.06	1	A
Toxaphene	ND		ug/kg	33.9	9.50	1	A
cis-Chlordane	ND		ug/kg	2.26	0.631	1	A
trans-Chlordane	ND		ug/kg	2.26	0.597	1	A
Chlordane	ND		ug/kg	15.1	6.00	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-10 Date Collected: 06/10/24 12:10

Client ID: A7_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-10
Client ID: A7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 12:10
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/16/24 17:22
Analyst: AKM
Percent Solids: 85%
Methylation Date: 06/15/24 19:00

Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	193	12.2	1	A
2,4,5-T	ND		ug/kg	193	6.00	1	A
2,4,5-TP (Silvex)	ND		ug/kg	193	5.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-13
Client ID: A8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 12:35
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 18:45
Analyst: AKM
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 23:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.32	0.454	1	A
Lindane	ND		ug/kg	0.966	0.432	1	A
Alpha-BHC	ND		ug/kg	0.966	0.274	1	A
Beta-BHC	ND		ug/kg	2.32	0.879	1	A
Heptachlor	ND		ug/kg	1.16	0.520	1	A
Aldrin	ND		ug/kg	2.32	0.816	1	A
Heptachlor epoxide	3.04	J	ug/kg	4.35	1.30	1	B
Endrin	ND		ug/kg	0.966	0.396	1	A
Endrin aldehyde	ND		ug/kg	2.90	1.01	1	A
Endrin ketone	ND		ug/kg	2.32	0.597	1	A
Dieldrin	0.742	J	ug/kg	1.45	0.724	1	A
4,4'-DDE	12.5		ug/kg	2.32	0.536	1	B
4,4'-DDD	ND		ug/kg	2.32	0.827	1	A
4,4'-DDT	3.55		ug/kg	2.32	1.86	1	A
Endosulfan I	ND		ug/kg	2.32	0.548	1	A
Endosulfan II	ND		ug/kg	2.32	0.775	1	A
Endosulfan sulfate	ND		ug/kg	0.966	0.460	1	A
Methoxychlor	ND		ug/kg	4.35	1.35	1	A
Toxaphene	ND		ug/kg	43.5	12.2	1	A
cis-Chlordane	1.15	JIP	ug/kg	2.90	0.808	1	B
trans-Chlordane	2.08	J	ug/kg	2.90	0.765	1	A
Chlordane	ND		ug/kg	19.3	7.68	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-13 Date Collected: 06/10/24 12:35

Client ID: A8_0-0.2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-13
Client ID: A8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 12:35
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/16/24 17:40
Analyst: AKM
Percent Solids: 66%
Methylation Date: 06/15/24 19:00

Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	250	15.7	1	A
2,4,5-T	ND		ug/kg	250	7.74	1	A
2,4,5-TP (Silvex)	ND		ug/kg	250	6.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	76		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-14
Client ID: A8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 12:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 14:44
Analyst: JAG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 20:44
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.765	0.342	1	A
Alpha-BHC	ND		ug/kg	0.765	0.217	1	A
Beta-BHC	ND		ug/kg	1.84	0.696	1	A
Heptachlor	ND		ug/kg	0.918	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.646	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.765	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.803	1	A
Endrin ketone	ND		ug/kg	1.84	0.473	1	A
Dieldrin	ND		ug/kg	1.15	0.574	1	A
4,4'-DDE	1.97	IP	ug/kg	1.84	0.424	1	A
4,4'-DDD	ND		ug/kg	1.84	0.655	1	A
4,4'-DDT	ND		ug/kg	1.84	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.434	1	A
Endosulfan II	ND		ug/kg	1.84	0.614	1	A
Endosulfan sulfate	ND		ug/kg	0.765	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.64	1	A
cis-Chlordane	ND		ug/kg	2.30	0.640	1	A
trans-Chlordane	ND		ug/kg	2.30	0.606	1	A
Chlordane	ND		ug/kg	15.3	6.08	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-14 Date Collected: 06/10/24 12:40

Client ID: A8_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-14
Client ID: A8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/10/24 12:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/16/24 17:59
Analyst: AKM
Percent Solids: 82%
Methylation Date: 06/15/24 19:00

Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	202	12.7	1	A
2,4,5-T	ND		ug/kg	202	6.26	1	A
2,4,5-TP (Silvex)	ND		ug/kg	202	5.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-17
Client ID: A10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 13:00
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/16/24 11:04
Analyst: MMG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 23:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.758	0.339	1	A
Alpha-BHC	ND		ug/kg	0.758	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.689	1	A
Heptachlor	ND		ug/kg	0.909	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	40.2		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.758	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.796	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	112		ug/kg	1.14	0.568	1	A
4,4'-DDE	91.6		ug/kg	1.82	0.420	1	A
4,4'-DDD	ND		ug/kg	1.82	0.648	1	A
4,4'-DDT	18.4		ug/kg	1.82	1.46	1	B
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.608	1	A
Endosulfan sulfate	ND		ug/kg	0.758	0.361	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.55	1	A
cis-Chlordane	35.8	IP	ug/kg	2.27	0.633	1	B
trans-Chlordane	10.9	IP	ug/kg	2.27	0.600	1	A
Chlordane	289		ug/kg	15.2	6.02	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-17 Date Collected: 06/10/24 13:00

Client ID: A10_0-0.2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-17
Client ID: A10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/10/24 13:00
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/16/24 18:18
Analyst: AKM
Percent Solids: 88%
Methylation Date: 06/15/24 19:00

Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	187	11.8	1	A
2,4,5-T	ND		ug/kg	187	5.79	1	A
2,4,5-TP (Silvex)	ND		ug/kg	187	4.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	83		30-150	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-18
Client ID: A10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 13:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 14:56
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 20:50
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.860	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.605	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.967	1	A
Endrin	ND		ug/kg	0.716	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.752	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	0.989	J	ug/kg	1.07	0.537	1	A
4,4'-DDE	0.815	JIP	ug/kg	1.72	0.398	1	A
4,4'-DDD	ND		ug/kg	1.72	0.613	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.575	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.03	1	A
cis-Chlordane	ND		ug/kg	2.15	0.599	1	A
trans-Chlordane	ND		ug/kg	2.15	0.567	1	A
Chlordane	ND		ug/kg	14.3	5.70	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-18 Date Collected: 06/10/24 13:05

Client ID: A10_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-18
Client ID: A10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 13:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/16/24 18:55
Analyst: AKM
Percent Solids: 91%
Methylation Date: 06/15/24 19:00

Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	180	11.4	1	A
2,4,5-T	ND		ug/kg	180	5.58	1	A
2,4,5-TP (Silvex)	ND		ug/kg	180	4.79	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-21
Client ID: A11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 14:00
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 18:56
Analyst: AKM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 23:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.778	0.348	1	A
Alpha-BHC	ND		ug/kg	0.778	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.708	1	A
Heptachlor	ND		ug/kg	0.934	0.418	1	A
Aldrin	ND		ug/kg	1.87	0.657	1	A
Heptachlor epoxide	4.86		ug/kg	3.50	1.05	1	B
Endrin	ND		ug/kg	0.778	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.817	1	A
Endrin ketone	ND		ug/kg	1.87	0.481	1	A
Dieldrin	13.8		ug/kg	1.17	0.583	1	A
4,4'-DDE	61.2		ug/kg	1.87	0.432	1	B
4,4'-DDD	ND		ug/kg	1.87	0.666	1	A
4,4'-DDT	12.3		ug/kg	1.87	1.50	1	A
Endosulfan I	ND		ug/kg	1.87	0.441	1	A
Endosulfan II	ND		ug/kg	1.87	0.624	1	A
Endosulfan sulfate	ND		ug/kg	0.778	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.80	1	A
cis-Chlordane	20.9	IP	ug/kg	2.33	0.650	1	B
trans-Chlordane	14.2		ug/kg	2.33	0.616	1	B
Chlordane	ND		ug/kg	15.6	6.18	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-21 Date Collected: 06/10/24 14:00

Client ID: A11_0-0.2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-21
Client ID: A11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 14:00
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/16/24 19:13
Analyst: AKM
Percent Solids: 81%
Methylation Date: 06/15/24 19:00

Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	203	12.8	1	A
2,4,5-T	ND		ug/kg	203	6.30	1	A
2,4,5-TP (Silvex)	ND		ug/kg	203	5.40	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-22
Client ID: A11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 14:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 15:07
Analyst: JAG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 20:50
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.380	1	A
Lindane	ND		ug/kg	0.809	0.362	1	A
Alpha-BHC	ND		ug/kg	0.809	0.230	1	A
Beta-BHC	ND		ug/kg	1.94	0.736	1	A
Heptachlor	ND		ug/kg	0.970	0.435	1	A
Aldrin	ND		ug/kg	1.94	0.683	1	A
Heptachlor epoxide	3.20	J	ug/kg	3.64	1.09	1	A
Endrin	ND		ug/kg	0.809	0.332	1	A
Endrin aldehyde	ND		ug/kg	2.43	0.849	1	A
Endrin ketone	ND		ug/kg	1.94	0.500	1	A
Dieldrin	4.12		ug/kg	1.21	0.607	1	B
4,4'-DDE	16.5		ug/kg	1.94	0.449	1	B
4,4'-DDD	ND		ug/kg	1.94	0.692	1	A
4,4'-DDT	4.22		ug/kg	1.94	1.56	1	B
Endosulfan I	ND		ug/kg	1.94	0.459	1	A
Endosulfan II	ND		ug/kg	1.94	0.649	1	A
Endosulfan sulfate	ND		ug/kg	0.809	0.385	1	A
Methoxychlor	ND		ug/kg	3.64	1.13	1	A
Toxaphene	ND		ug/kg	36.4	10.2	1	A
cis-Chlordane	9.24	IP	ug/kg	2.43	0.676	1	B
trans-Chlordane	6.12	IP	ug/kg	2.43	0.640	1	A
Chlordane	62.3		ug/kg	16.2	6.43	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-22 Date Collected: 06/10/24 14:05

Client ID: A11_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-22
Client ID: A11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 14:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/16/24 19:32
Analyst: AKM
Percent Solids: 78%
Methylation Date: 06/15/24 19:00

Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	210	13.2	1	A
2,4,5-T	ND		ug/kg	210	6.51	1	A
2,4,5-TP (Silvex)	ND		ug/kg	210	5.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-23
Client ID: A11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 14:10
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/20/24 08:43
Analyst: AKM
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 06/19/24 15:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.380	1	A
Lindane	ND		ug/kg	0.809	0.362	1	A
Alpha-BHC	ND		ug/kg	0.809	0.230	1	A
Beta-BHC	ND		ug/kg	1.94	0.736	1	A
Heptachlor	ND		ug/kg	0.971	0.435	1	A
Aldrin	ND		ug/kg	1.94	0.684	1	A
Heptachlor epoxide	ND		ug/kg	3.64	1.09	1	A
Endrin	ND		ug/kg	0.809	0.332	1	A
Endrin aldehyde	ND		ug/kg	2.43	0.849	1	A
Endrin ketone	ND		ug/kg	1.94	0.500	1	A
Dieldrin	1.00	J	ug/kg	1.21	0.607	1	A
4,4'-DDE	4.19		ug/kg	1.94	0.449	1	B
4,4'-DDD	ND		ug/kg	1.94	0.692	1	A
4,4'-DDT	ND		ug/kg	1.94	1.56	1	A
Endosulfan I	ND		ug/kg	1.94	0.459	1	A
Endosulfan II	ND		ug/kg	1.94	0.649	1	A
Endosulfan sulfate	ND		ug/kg	0.809	0.385	1	A
Methoxychlor	ND		ug/kg	3.64	1.13	1	A
Toxaphene	ND		ug/kg	36.4	10.2	1	A
cis-Chlordane	0.765	JIP	ug/kg	2.43	0.676	1	B
trans-Chlordane	0.817	JIP	ug/kg	2.43	0.641	1	A
Chlordane	ND		ug/kg	16.2	6.43	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-23 Date Collected: 06/10/24 14:10

Client ID: A11_2-4 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-25
Client ID: A12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 14:20
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/16/24 11:16
Analyst: MMG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 23:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.375	1	A
Lindane	ND		ug/kg	0.798	0.357	1	A
Alpha-BHC	ND		ug/kg	0.798	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.726	1	A
Heptachlor	ND		ug/kg	0.958	0.429	1	A
Aldrin	ND		ug/kg	1.92	0.674	1	A
Heptachlor epoxide	124		ug/kg	3.59	1.08	1	A
Endrin	ND		ug/kg	0.798	0.327	1	A
Endrin aldehyde	ND		ug/kg	2.39	0.838	1	A
Endrin ketone	ND		ug/kg	1.92	0.493	1	A
Dieldrin	131		ug/kg	1.20	0.598	1	A
4,4'-DDE	55.1		ug/kg	1.92	0.443	1	A
4,4'-DDD	ND		ug/kg	1.92	0.683	1	A
4,4'-DDT	18.1		ug/kg	1.92	1.54	1	B
Endosulfan I	ND		ug/kg	1.92	0.452	1	A
Endosulfan II	ND		ug/kg	1.92	0.640	1	A
Endosulfan sulfate	ND		ug/kg	0.798	0.380	1	A
Methoxychlor	ND		ug/kg	3.59	1.12	1	A
Toxaphene	ND		ug/kg	35.9	10.0	1	A
cis-Chlordane	46.6	IP	ug/kg	2.39	0.667	1	B
trans-Chlordane	27.5	IP	ug/kg	2.39	0.632	1	A
Chlordane	399		ug/kg	16.0	6.34	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-25 Date Collected: 06/10/24 14:20

Client ID: A12_0-0.2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-25
Client ID: A12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/10/24 14:20
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/16/24 19:50
Analyst: AKM
Percent Solids: 81%
Methylation Date: 06/15/24 19:00
Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	202	12.8	1	A
2,4,5-T	ND		ug/kg	202	6.28	1	A
2,4,5-TP (Silvex)	ND		ug/kg	202	5.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	74		30-150	A
DCAA	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-26
Client ID: A12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 14:25
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 17:07
Analyst: MMG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 20:50
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.706	0.316	1	A
Alpha-BHC	ND		ug/kg	0.706	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.643	1	A
Heptachlor	ND		ug/kg	0.848	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.597	1	A
Heptachlor epoxide	1.39	JIP	ug/kg	3.18	0.954	1	B
Endrin	ND		ug/kg	0.706	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.742	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	2.38		ug/kg	1.06	0.530	1	A
4,4'-DDE	1.82	IP	ug/kg	1.70	0.392	1	A
4,4'-DDD	ND		ug/kg	1.70	0.605	1	A
4,4'-DDT	ND		ug/kg	1.70	1.36	1	B
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.567	1	A
Endosulfan sulfate	ND		ug/kg	0.706	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.989	1	A
Toxaphene	ND		ug/kg	31.8	8.90	1	A
cis-Chlordane	ND		ug/kg	2.12	0.591	1	A
trans-Chlordane	0.746	J	ug/kg	2.12	0.560	1	B
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-26 Date Collected: 06/10/24 14:25

Client ID: A12_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-26
Client ID: A12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 14:25
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/16/24 20:09
Analyst: AKM
Percent Solids: 90%
Methylation Date: 06/15/24 19:00

Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	182	11.5	1	A
2,4,5-T	ND		ug/kg	182	5.64	1	A
2,4,5-TP (Silvex)	ND		ug/kg	182	4.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	70		30-150	A
DCAA	71		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-29
Client ID: DUP_06102024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 12:00
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/16/24 11:28
Analyst: MMG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 23:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.756	0.338	1	A
Alpha-BHC	ND		ug/kg	0.756	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.688	1	A
Heptachlor	ND		ug/kg	0.907	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	2.72	J	ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.756	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.793	1	A
Endrin ketone	ND		ug/kg	1.81	0.467	1	A
Dieldrin	21.0		ug/kg	1.13	0.567	1	A
4,4'-DDE	34.9		ug/kg	1.81	0.419	1	A
4,4'-DDD	ND		ug/kg	1.81	0.647	1	A
4,4'-DDT	14.4		ug/kg	1.81	1.46	1	B
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.606	1	A
Endosulfan sulfate	ND		ug/kg	0.756	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.52	1	A
cis-Chlordane	1.37	JIP	ug/kg	2.27	0.632	1	B
trans-Chlordane	1.54	J	ug/kg	2.27	0.598	1	B
Chlordane	14.2	J	ug/kg	15.1	6.01	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-29 Date Collected: 06/10/24 12:00

Client ID: DUP_06102024 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-29
Client ID: DUP_06102024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 12:00
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/16/24 20:28
Analyst: AKM
Percent Solids: 84%
Methylation Date: 06/15/24 19:00

Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.4	1	A
2,4,5-T	ND		ug/kg	196	6.09	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-30
Client ID: FB_06102024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 13:15
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 06/15/24 16:07
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 05:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-30 Date Collected: 06/10/24 13:15

Client ID: FB_06102024 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-30
Client ID: FB_06102024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 13:15
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 06/14/24 17:41
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/13/24 13:04

Methylation Date: 06/14/24 04:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	91		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/14/24 06:32
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/13/24 06:55

Methylation Date: 06/14/24 04:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 30 Batch: WG1933926-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	105		30-150	A
DCAA	93		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/16/24 12:24
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/14/24 09:05

Methylation Date: 06/15/24 19:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1934366-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.07	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/15/24 10:21
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 06/14/24 10:19
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1934401-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.651	0.291	A
Alpha-BHC	ND		ug/kg	0.651	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.592	A
Heptachlor	ND		ug/kg	0.781	0.350	A
Aldrin	ND		ug/kg	1.56	0.550	A
Heptachlor epoxide	ND		ug/kg	2.93	0.878	A
Endrin	ND		ug/kg	0.651	0.267	A
Endrin aldehyde	ND		ug/kg	1.95	0.683	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.976	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDD	ND		ug/kg	1.56	0.557	A
4,4'-DDT	ND		ug/kg	1.56	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.522	A
Endosulfan sulfate	ND		ug/kg	0.651	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.911	A
Toxaphene	ND		ug/kg	29.3	8.20	A
cis-Chlordane	ND		ug/kg	1.95	0.544	A
trans-Chlordane	ND		ug/kg	1.95	0.515	A
Chlordane	ND		ug/kg	13.0	5.17	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/15/24 10:21
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 06/14/24 10:19
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1934401-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/15/24 17:16
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/14/24 23:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,05,09,13,17,21,25,29 Batch: WG1934667-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.651	0.291	A
Alpha-BHC	ND		ug/kg	0.651	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.592	A
Heptachlor	ND		ug/kg	0.781	0.350	A
Aldrin	ND		ug/kg	1.56	0.550	A
Heptachlor epoxide	ND		ug/kg	2.93	0.879	A
Endrin	ND		ug/kg	0.651	0.267	A
Endrin aldehyde	ND		ug/kg	1.95	0.684	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.976	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDD	ND		ug/kg	1.56	0.557	A
4,4'-DDT	ND		ug/kg	1.56	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.522	A
Endosulfan sulfate	ND		ug/kg	0.651	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.911	A
Toxaphene	ND		ug/kg	29.3	8.20	A
cis-Chlordane	ND		ug/kg	1.95	0.544	A
trans-Chlordane	ND		ug/kg	1.95	0.516	A
Chlordane	ND		ug/kg	13.0	5.18	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/15/24 17:16
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/14/24 23:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,05,09,13,17,21,25,29 Batch: WG1934667-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/15/24 12:44
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 01:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 30 Batch: WG1934673-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/15/24 12:44
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 01:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 30 Batch: WG1934673-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/20/24 08:09
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/19/24 15:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 23 Batch: WG1936634-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.638	0.285	A
Alpha-BHC	ND		ug/kg	0.638	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.766	0.343	A
Aldrin	ND		ug/kg	1.53	0.539	A
Heptachlor epoxide	ND		ug/kg	2.87	0.862	A
Endrin	ND		ug/kg	0.638	0.262	A
Endrin aldehyde	ND		ug/kg	1.91	0.670	A
Endrin ketone	ND		ug/kg	1.53	0.394	A
Dieldrin	ND		ug/kg	0.957	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.354	A
4,4'-DDD	ND		ug/kg	1.53	0.546	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.638	0.304	A
Methoxychlor	ND		ug/kg	2.87	0.893	A
Toxaphene	ND		ug/kg	28.7	8.04	A
cis-Chlordane	ND		ug/kg	1.91	0.534	A
trans-Chlordane	ND		ug/kg	1.91	0.505	A
Chlordane	ND		ug/kg	12.8	5.07	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/20/24 08:09
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/19/24 15:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 23 Batch: WG1936634-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	94		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 30 Batch: WG1933926-2 WG1933926-3									
2,4-D	111		103		30-150	7		25	A
2,4,5-T	121		110		30-150	10		25	A
2,4,5-TP (Silvex)	111		106		30-150	5		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	108		105		30-150	A
DCAA	117		115		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1934366-2 WG1934366-3									
2,4-D	86		91		30-150	6		30	A
2,4,5-T	92		98		30-150	6		30	A
2,4,5-TP (Silvex)	85		89		30-150	5		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	84		88		30-150	A
DCAA	101		106		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1934401-2 WG1934401-3									
Delta-BHC	88		82		30-150	7		30	A
Lindane	86		85		30-150	1		30	A
Alpha-BHC	87		87		30-150	0		30	A
Beta-BHC	82		81		30-150	1		30	A
Heptachlor	85		84		30-150	1		30	A
Aldrin	86		85		30-150	1		30	A
Heptachlor epoxide	89		86		30-150	3		30	A
Endrin	93		90		30-150	3		30	A
Endrin aldehyde	78		76		30-150	3		30	A
Endrin ketone	95		92		30-150	3		30	A
Dieldrin	98		94		30-150	4		30	A
4,4'-DDE	91		87		30-150	4		30	A
4,4'-DDD	97		92		30-150	5		30	A
4,4'-DDT	90		88		30-150	2		30	A
Endosulfan I	87		83		30-150	5		30	A
Endosulfan II	91		86		30-150	6		30	A
Endosulfan sulfate	86		81		30-150	6		30	A
Methoxychlor	94		90		30-150	4		30	A
cis-Chlordane	79		78		30-150	1		30	A
trans-Chlordane	76		72		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1934401-2 WG1934401-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		76		30-150	A
Decachlorobiphenyl	70		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		88		30-150	B
Decachlorobiphenyl	107		105		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,05,09,13,17,21,25,29 Batch: WG1934667-2 WG1934667-3									
Delta-BHC	78		90		30-150	14		30	A
Lindane	78		88		30-150	12		30	A
Alpha-BHC	79		89		30-150	12		30	A
Beta-BHC	83		89		30-150	7		30	A
Heptachlor	79		90		30-150	13		30	A
Aldrin	78		91		30-150	15		30	A
Heptachlor epoxide	64		73		30-150	13		30	A
Endrin	81		94		30-150	15		30	A
Endrin aldehyde	71		78		30-150	9		30	A
Endrin ketone	76		86		30-150	12		30	A
Dieldrin	86		99		30-150	14		30	A
4,4'-DDE	77		89		30-150	14		30	A
4,4'-DDD	83		95		30-150	13		30	A
4,4'-DDT	84		96		30-150	13		30	A
Endosulfan I	77		88		30-150	13		30	A
Endosulfan II	80		92		30-150	14		30	A
Endosulfan sulfate	69		80		30-150	15		30	A
Methoxychlor	101		118		30-150	16		30	A
cis-Chlordane	72		83		30-150	14		30	A
trans-Chlordane	83		96		30-150	15		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,05,09,13,17,21,25,29 Batch: WG1934667-2 WG1934667-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		84		30-150	A
Decachlorobiphenyl	88		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		89		30-150	B
Decachlorobiphenyl	83		96		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 30 Batch: WG1934673-2 WG1934673-3									
Delta-BHC	73		73		30-150	0		20	A
Lindane	76		80		30-150	6		20	A
Alpha-BHC	78		84		30-150	7		20	A
Beta-BHC	73		76		30-150	5		20	A
Heptachlor	74		78		30-150	5		20	A
Aldrin	73		78		30-150	7		20	A
Heptachlor epoxide	75		80		30-150	6		20	A
Endrin	78		84		30-150	7		20	A
Endrin aldehyde	65		64		30-150	2		20	A
Endrin ketone	81		85		30-150	4		20	A
Dieldrin	82		89		30-150	7		20	A
4,4'-DDE	73		80		30-150	9		20	A
4,4'-DDD	82		88		30-150	7		20	A
4,4'-DDT	81		83		30-150	2		20	A
Endosulfan I	73		78		30-150	7		20	A
Endosulfan II	76		79		30-150	3		20	A
Endosulfan sulfate	73		73		30-150	0		20	A
Methoxychlor	82		82		30-150	0		20	A
cis-Chlordane	70		76		30-150	9		20	A
trans-Chlordane	82		88		30-150	7		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 30 Batch: WG1934673-2 WG1934673-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		71		30-150	A
Decachlorobiphenyl	68		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		70		30-150	B
Decachlorobiphenyl	78		82		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 23 Batch: WG1936634-2 WG1936634-3									
Delta-BHC	84		92		30-150	9		30	A
Lindane	80		86		30-150	7		30	A
Alpha-BHC	82		88		30-150	7		30	A
Beta-BHC	78		83		30-150	6		30	A
Heptachlor	81		89		30-150	9		30	A
Aldrin	80		84		30-150	5		30	A
Heptachlor epoxide	68		74		30-150	8		30	A
Endrin	84		90		30-150	7		30	A
Endrin aldehyde	71		72		30-150	1		30	A
Endrin ketone	79		85		30-150	7		30	A
Dieldrin	87		92		30-150	6		30	A
4,4'-DDE	77		82		30-150	6		30	A
4,4'-DDD	86		91		30-150	6		30	A
4,4'-DDT	87		95		30-150	9		30	A
Endosulfan I	78		81		30-150	4		30	A
Endosulfan II	82		88		30-150	7		30	A
Endosulfan sulfate	76		80		30-150	5		30	A
Methoxychlor	98		107		30-150	9		30	A
cis-Chlordane	74		77		30-150	4		30	A
trans-Chlordane	85		90		30-150	6		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 23 Batch: WG1936634-2 WG1936634-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		78		30-150	A
Decachlorobiphenyl	72		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		89		30-150	B
Decachlorobiphenyl	87		94		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 QC Batch ID: WG1934366-4 WG1934366-5 QC Sample: L2432392-09 Client ID: A7_0-0.2													
2,4-D	ND	231	194J	84		180J	78		30-150	7		30	A
2,4,5-T	ND	231	205J	89		191J	83		30-150	7		30	A
2,4,5-TP (Silvex)	ND	231	189J	82		173J	75		30-150	9		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	80		75		30-150	A
DCAA	93		85		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,05,09,13,17,21,25,29 QC Batch ID: WG1934667-4 WG1934667-5 QC Sample: L2432392-09 Client ID: A7_0-0.2													
Delta-BHC	ND	44.2	26.0	59		33.4	75		30-150	25		50	A
Lindane	ND	44.2	26.2	59		32.2	73		30-150	21		50	A
Alpha-BHC	ND	44.2	27.1	61		32.7	74		30-150	19		50	A
Beta-BHC	ND	44.2	24.9	56		31.7	72		30-150	24		50	A
Heptachlor	ND	44.2	26.1	59		34.9	79		30-150	29		50	A
Aldrin	ND	44.2	26.6	60		33.3	75		30-150	22		50	A
Heptachlor epoxide	3.28J	44.2	28.4	64		35.1	79		30-150	21		50	B
Endrin	ND	44.2	27.3	62		34.1	77		30-150	22		50	A
Endrin aldehyde	ND	44.2	22.9	52		28.4	64		30-150	21		50	A
Endrin ketone	ND	44.2	23.4	53		31.8	72		30-150	30		50	A
Dieldrin	4.71	44.2	30.7	59		40.3	80		30-150	27		50	A
4,4'-DDE	36.1	44.2	56.0	45		72.2	82		30-150	25		50	B
4,4'-DDD	ND	44.2	27.0	61		35.6	80		30-150	27		50	A
4,4'-DDT	11.7	44.2	34.4	51		45.6	77		30-150	28		50	A
Endosulfan I	ND	44.2	24.8	56		30.9	70		30-150	22		50	A
Endosulfan II	ND	44.2	25.7	58		32.2	73		30-150	22		50	A
Endosulfan sulfate	ND	44.2	21.8	49		29.5	67		30-150	30		50	A
Methoxychlor	ND	44.2	29.5	67		38.0	86		30-150	25		50	A
cis-Chlordane	1.47JIP	44.2	26.2	59		33.3	75		30-150	24		50	B
trans-Chlordane	1.39JIP	44.2	28.6	65		36.8	83		30-150	25		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,05,09,13,17,21,25,29 QC Batch ID: WG1934667-4 WG1934667-5 QC Sample: L2432392-09 Client ID: A7_0-0.2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		71		30-150	A
Decachlorobiphenyl	61		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		75		30-150	B
Decachlorobiphenyl	59		78		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-01 Date Collected: 06/10/24 11:00

Client ID: A5_0-0.2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15300		mg/kg	9.82	2.65	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.91	0.373	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Arsenic, Total	15.6		mg/kg	0.982	0.204	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Barium, Total	76.7		mg/kg	0.982	0.171	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.557		mg/kg	0.491	0.032	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.200	J	mg/kg	0.982	0.096	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Calcium, Total	821		mg/kg	9.82	3.44	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Chromium, Total	29.4		mg/kg	0.982	0.094	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Cobalt, Total	8.89		mg/kg	1.96	0.163	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Copper, Total	16.0		mg/kg	0.982	0.253	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Iron, Total	19500		mg/kg	4.91	0.887	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Lead, Total	53.3		mg/kg	4.91	0.263	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Magnesium, Total	4400		mg/kg	9.82	1.51	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Manganese, Total	452		mg/kg	0.982	0.156	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Mercury, Total	0.135		mg/kg	0.084	0.055	1	06/14/24 23:00	06/17/24 13:01	EPA 7471B	1,7471B	JWN
Nickel, Total	16.7		mg/kg	2.46	0.238	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Potassium, Total	870		mg/kg	246	14.1	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.96	0.253	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.491	0.278	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Sodium, Total	32.6	J	mg/kg	196	3.09	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Thallium, Total	0.405	J	mg/kg	1.96	0.309	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Vanadium, Total	30.9		mg/kg	0.982	0.199	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM
Zinc, Total	59.3		mg/kg	4.91	0.288	2	06/14/24 21:45	06/15/24 19:40	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-02 Date Collected: 06/10/24 11:05

Client ID: A5_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12800		mg/kg	9.92	2.68	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.96	0.377	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Arsenic, Total	3.96		mg/kg	0.992	0.206	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Barium, Total	75.3		mg/kg	0.992	0.172	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.292	J	mg/kg	0.496	0.033	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.162	J	mg/kg	0.992	0.097	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Calcium, Total	828		mg/kg	9.92	3.47	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Chromium, Total	21.2		mg/kg	0.992	0.095	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Cobalt, Total	8.92		mg/kg	1.98	0.164	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Copper, Total	18.2		mg/kg	0.992	0.256	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Iron, Total	19400		mg/kg	4.96	0.895	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Lead, Total	12.8		mg/kg	4.96	0.266	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Magnesium, Total	5480		mg/kg	9.92	1.53	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Manganese, Total	226		mg/kg	0.992	0.158	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.089	0.058	1	06/14/24 23:00	06/17/24 13:05	EPA 7471B	1,7471B	JWN
Nickel, Total	16.4		mg/kg	2.48	0.240	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Potassium, Total	3450		mg/kg	248	14.3	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.98	0.256	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.496	0.281	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Sodium, Total	54.8	J	mg/kg	198	3.12	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Thallium, Total	1.02	J	mg/kg	1.98	0.312	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Vanadium, Total	30.0		mg/kg	0.992	0.201	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM
Zinc, Total	47.1		mg/kg	4.96	0.290	2	06/14/24 21:45	06/15/24 19:44	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-05 Date Collected: 06/10/24 11:30

Client ID: A6_0-0.2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14500		mg/kg	9.29	2.51	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.64	0.353	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Arsenic, Total	19.0		mg/kg	0.929	0.193	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Barium, Total	66.8		mg/kg	0.929	0.162	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.468		mg/kg	0.464	0.031	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.255	J	mg/kg	0.929	0.091	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Calcium, Total	749		mg/kg	9.29	3.25	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Chromium, Total	27.5		mg/kg	0.929	0.089	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Cobalt, Total	7.92		mg/kg	1.86	0.154	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Copper, Total	14.9		mg/kg	0.929	0.240	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Iron, Total	18800		mg/kg	4.64	0.838	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Lead, Total	62.6		mg/kg	4.64	0.249	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Magnesium, Total	4200		mg/kg	9.29	1.43	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Manganese, Total	368		mg/kg	0.929	0.148	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Mercury, Total	0.344		mg/kg	0.074	0.048	1	06/14/24 23:00	06/17/24 13:08	EPA 7471B	1,7471B	JWN
Nickel, Total	15.6		mg/kg	2.32	0.225	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Potassium, Total	893		mg/kg	232	13.4	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.86	0.240	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.464	0.263	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Sodium, Total	27.9	J	mg/kg	186	2.92	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Thallium, Total	0.354	J	mg/kg	1.86	0.292	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Vanadium, Total	30.1		mg/kg	0.929	0.188	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM
Zinc, Total	54.0		mg/kg	4.64	0.272	2	06/14/24 21:45	06/15/24 19:48	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-06 Date Collected: 06/10/24 11:35

Client ID: A6_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15600		mg/kg	9.15	2.47	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.57	0.348	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Arsenic, Total	4.90		mg/kg	0.915	0.190	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Barium, Total	53.7		mg/kg	0.915	0.159	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.387	J	mg/kg	0.457	0.030	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.174	J	mg/kg	0.915	0.090	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Calcium, Total	568		mg/kg	9.15	3.20	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Chromium, Total	22.3		mg/kg	0.915	0.088	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Cobalt, Total	10.2		mg/kg	1.83	0.152	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Copper, Total	19.0		mg/kg	0.915	0.236	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Iron, Total	21500		mg/kg	4.57	0.826	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Lead, Total	11.4		mg/kg	4.57	0.245	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Magnesium, Total	4730		mg/kg	9.15	1.41	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Manganese, Total	283		mg/kg	0.915	0.145	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Mercury, Total	0.053	J	mg/kg	0.077	0.050	1	06/14/24 23:00	06/17/24 13:11	EPA 7471B	1,7471B	JWN
Nickel, Total	19.0		mg/kg	2.29	0.221	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Potassium, Total	1080		mg/kg	229	13.2	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.83	0.236	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.457	0.259	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Sodium, Total	28.0	J	mg/kg	183	2.88	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Thallium, Total	0.791	J	mg/kg	1.83	0.288	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Vanadium, Total	32.7		mg/kg	0.915	0.186	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM
Zinc, Total	43.2		mg/kg	4.57	0.268	2	06/14/24 21:45	06/15/24 20:37	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-09
Client ID: A7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/10/24 12:05
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	19400		mg/kg	10.8	2.92	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	5.41	0.411	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Arsenic, Total	29.3		mg/kg	1.08	0.225	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Barium, Total	125		mg/kg	1.08	0.188	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.732		mg/kg	0.541	0.036	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.256	J	mg/kg	1.08	0.106	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Calcium, Total	792		mg/kg	10.8	3.78	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Chromium, Total	34.7		mg/kg	1.08	0.104	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Cobalt, Total	9.58		mg/kg	2.16	0.180	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Copper, Total	20.8		mg/kg	1.08	0.279	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Iron, Total	22500		mg/kg	5.41	0.977	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Lead, Total	99.2		mg/kg	5.41	0.290	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Magnesium, Total	4490		mg/kg	10.8	1.66	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Manganese, Total	650		mg/kg	1.08	0.172	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Mercury, Total	0.252		mg/kg	0.091	0.060	1	06/14/24 23:00	06/17/24 12:51	EPA 7471B	1,7471B	JWN
Nickel, Total	19.4		mg/kg	2.70	0.262	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Potassium, Total	1180		mg/kg	270	15.6	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Selenium, Total	0.281	J	mg/kg	2.16	0.279	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.541	0.306	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Sodium, Total	31.5	J	mg/kg	216	3.41	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Thallium, Total	0.566	J	mg/kg	2.16	0.341	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Vanadium, Total	38.1		mg/kg	1.08	0.220	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM
Zinc, Total	76.6		mg/kg	5.41	0.317	2	06/14/24 21:45	06/15/24 20:49	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-10 Date Collected: 06/10/24 12:10

Client ID: A7_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16200		mg/kg	9.04	2.44	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.52	0.343	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Arsenic, Total	5.25		mg/kg	0.904	0.188	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Barium, Total	102		mg/kg	0.904	0.157	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.415	J	mg/kg	0.452	0.030	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.154	J	mg/kg	0.904	0.089	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Calcium, Total	471		mg/kg	9.04	3.16	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Chromium, Total	26.0		mg/kg	0.904	0.087	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Cobalt, Total	10.1		mg/kg	1.81	0.150	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Copper, Total	22.2		mg/kg	0.904	0.233	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Iron, Total	23400		mg/kg	4.52	0.816	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Lead, Total	16.9		mg/kg	4.52	0.242	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Magnesium, Total	4760		mg/kg	9.04	1.39	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Manganese, Total	259		mg/kg	0.904	0.144	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Mercury, Total	0.057	J	mg/kg	0.077	0.050	1	06/14/24 23:00	06/17/24 13:21	EPA 7471B	1,7471B	JWN
Nickel, Total	19.3		mg/kg	2.26	0.219	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Potassium, Total	2370		mg/kg	226	13.0	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.81	0.233	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.452	0.256	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Sodium, Total	39.6	J	mg/kg	181	2.85	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Thallium, Total	1.18	J	mg/kg	1.81	0.285	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Vanadium, Total	38.1		mg/kg	0.904	0.183	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM
Zinc, Total	47.4		mg/kg	4.52	0.265	2	06/14/24 21:45	06/15/24 20:41	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-13
Client ID: A8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/10/24 12:35
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	25300		mg/kg	11.3	3.06	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Antimony, Total	0.479	J	mg/kg	5.67	0.431	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Arsenic, Total	66.1		mg/kg	1.13	0.236	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Barium, Total	196		mg/kg	1.13	0.197	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.882		mg/kg	0.567	0.037	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.341	J	mg/kg	1.13	0.111	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Calcium, Total	1000		mg/kg	11.3	3.97	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Chromium, Total	41.9		mg/kg	1.13	0.109	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Cobalt, Total	12.9		mg/kg	2.27	0.188	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Copper, Total	25.4		mg/kg	1.13	0.292	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Iron, Total	28800		mg/kg	5.67	1.02	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Lead, Total	195		mg/kg	5.67	0.304	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Magnesium, Total	6470		mg/kg	11.3	1.74	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Manganese, Total	951		mg/kg	1.13	0.180	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Mercury, Total	0.272		mg/kg	0.106	0.069	1	06/14/24 23:00	06/17/24 13:25	EPA 7471B	1,7471B	JWN
Nickel, Total	26.1		mg/kg	2.83	0.274	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Potassium, Total	2340		mg/kg	283	16.3	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	2.27	0.292	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.567	0.321	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Sodium, Total	55.4	J	mg/kg	227	3.57	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Thallium, Total	0.930	J	mg/kg	2.27	0.357	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Vanadium, Total	49.8		mg/kg	1.13	0.230	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM
Zinc, Total	98.6		mg/kg	5.67	0.332	2	06/14/24 21:45	06/15/24 20:45	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-14 Date Collected: 06/10/24 12:40

Client ID: A8_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15700		mg/kg	9.61	2.60	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.81	0.365	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Arsenic, Total	4.38		mg/kg	0.961	0.200	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Barium, Total	121		mg/kg	0.961	0.167	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.446	J	mg/kg	0.481	0.032	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.156	J	mg/kg	0.961	0.094	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Calcium, Total	1310		mg/kg	9.61	3.36	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Chromium, Total	29.6		mg/kg	0.961	0.092	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Cobalt, Total	8.93		mg/kg	1.92	0.160	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Copper, Total	14.8		mg/kg	0.961	0.248	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Iron, Total	19200		mg/kg	4.81	0.868	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Lead, Total	13.5		mg/kg	4.81	0.258	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Magnesium, Total	6270		mg/kg	9.61	1.48	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Manganese, Total	498		mg/kg	0.961	0.153	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.077	0.050	1	06/14/24 23:00	06/17/24 13:28	EPA 7471B	1,7471B	JWN
Nickel, Total	17.2		mg/kg	2.40	0.233	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Potassium, Total	2460		mg/kg	240	13.8	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.92	0.248	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.481	0.272	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Sodium, Total	39.2	J	mg/kg	192	3.03	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Thallium, Total	0.980	J	mg/kg	1.92	0.303	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Vanadium, Total	34.9		mg/kg	0.961	0.195	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM
Zinc, Total	53.1		mg/kg	4.81	0.282	2	06/14/24 21:45	06/15/24 21:21	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-17 Date Collected: 06/10/24 13:00

Client ID: A10_0-0.2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15600		mg/kg	8.70	2.35	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Antimony, Total	0.862	J	mg/kg	4.35	0.331	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Arsenic, Total	112		mg/kg	0.870	0.181	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Barium, Total	128		mg/kg	0.870	0.151	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.432	J	mg/kg	0.435	0.029	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.746	J	mg/kg	0.870	0.085	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Calcium, Total	1110		mg/kg	8.70	3.05	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Chromium, Total	61.6		mg/kg	0.870	0.084	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Cobalt, Total	11.4		mg/kg	1.74	0.144	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Copper, Total	27.8		mg/kg	0.870	0.224	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Iron, Total	24100		mg/kg	4.35	0.786	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Lead, Total	99.9		mg/kg	4.35	0.233	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Magnesium, Total	5530		mg/kg	8.70	1.34	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Manganese, Total	537		mg/kg	0.870	0.138	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Mercury, Total	0.424		mg/kg	0.073	0.048	1	06/14/24 23:00	06/17/24 13:31	EPA 7471B	1,7471B	JWN
Nickel, Total	20.2		mg/kg	2.18	0.211	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Potassium, Total	3820		mg/kg	218	12.5	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.74	0.224	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.435	0.246	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Sodium, Total	47.4	J	mg/kg	174	2.74	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Thallium, Total	0.564	J	mg/kg	1.74	0.274	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Vanadium, Total	38.2		mg/kg	0.870	0.177	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM
Zinc, Total	81.0		mg/kg	4.35	0.255	2	06/14/24 21:45	06/15/24 21:25	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-18 Date Collected: 06/10/24 13:05

Client ID: A10_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14900		mg/kg	8.62	2.33	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Antimony, Total	0.424	J	mg/kg	4.31	0.327	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Arsenic, Total	1.93		mg/kg	0.862	0.179	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Barium, Total	158		mg/kg	0.862	0.150	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.359	J	mg/kg	0.431	0.028	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.199	J	mg/kg	0.862	0.084	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Calcium, Total	1090		mg/kg	8.62	3.02	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Chromium, Total	31.7		mg/kg	0.862	0.083	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Cobalt, Total	13.6		mg/kg	1.72	0.143	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Copper, Total	45.1		mg/kg	0.862	0.222	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Iron, Total	28900		mg/kg	4.31	0.778	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Lead, Total	7.10		mg/kg	4.31	0.231	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Magnesium, Total	8000		mg/kg	8.62	1.33	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Manganese, Total	507		mg/kg	0.862	0.137	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.074	0.048	1	06/14/24 23:00	06/17/24 13:35	EPA 7471B	1,7471B	JWN
Nickel, Total	23.6		mg/kg	2.15	0.208	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Potassium, Total	7630		mg/kg	215	12.4	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.72	0.222	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.431	0.244	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Sodium, Total	73.8	J	mg/kg	172	2.71	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Thallium, Total	1.68	J	mg/kg	1.72	0.271	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Vanadium, Total	42.7		mg/kg	0.862	0.175	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM
Zinc, Total	65.6		mg/kg	4.31	0.252	2	06/14/24 21:45	06/15/24 21:29	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-21 Date Collected: 06/10/24 14:00

Client ID: A11_0-0.2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17100		mg/kg	9.85	2.66	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Antimony, Total	0.496	J	mg/kg	4.92	0.374	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Arsenic, Total	20.5		mg/kg	0.985	0.205	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Barium, Total	139		mg/kg	0.985	0.171	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.447	J	mg/kg	0.492	0.033	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.414	J	mg/kg	0.985	0.097	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Calcium, Total	920		mg/kg	9.85	3.45	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Chromium, Total	30.4		mg/kg	0.985	0.095	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Cobalt, Total	11.9		mg/kg	1.97	0.163	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Copper, Total	25.0		mg/kg	0.985	0.254	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Iron, Total	25000		mg/kg	4.92	0.889	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Lead, Total	56.7		mg/kg	4.92	0.264	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Magnesium, Total	5660		mg/kg	9.85	1.52	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Manganese, Total	614		mg/kg	0.985	0.156	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Mercury, Total	1.07		mg/kg	0.086	0.056	1	06/14/24 23:00	06/17/24 13:38	EPA 7471B	1,7471B	JWN
Nickel, Total	22.7		mg/kg	2.46	0.238	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Potassium, Total	4570		mg/kg	246	14.2	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.97	0.254	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.492	0.279	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Sodium, Total	49.6	J	mg/kg	197	3.10	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Thallium, Total	0.699	J	mg/kg	1.97	0.310	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Vanadium, Total	39.1		mg/kg	0.985	0.200	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM
Zinc, Total	78.9		mg/kg	4.92	0.288	2	06/14/24 21:45	06/15/24 21:33	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-22 Date Collected: 06/10/24 14:05

Client ID: A11_0.2-2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16600		mg/kg	9.71	2.62	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.86	0.369	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Arsenic, Total	16.9		mg/kg	0.971	0.202	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Barium, Total	130		mg/kg	0.971	0.169	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.443	J	mg/kg	0.486	0.032	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.238	J	mg/kg	0.971	0.095	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Calcium, Total	438		mg/kg	9.71	3.40	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Chromium, Total	25.7		mg/kg	0.971	0.093	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Cobalt, Total	11.9		mg/kg	1.94	0.161	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Copper, Total	22.9		mg/kg	0.971	0.251	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Iron, Total	23700		mg/kg	4.86	0.877	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Lead, Total	26.4		mg/kg	4.86	0.260	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Magnesium, Total	5640		mg/kg	9.71	1.50	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Manganese, Total	529		mg/kg	0.971	0.154	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Mercury, Total	0.453		mg/kg	0.086	0.056	1	06/14/24 23:00	06/17/24 13:41	EPA 7471B	1,7471B	JWN
Nickel, Total	23.0		mg/kg	2.43	0.235	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Potassium, Total	4450		mg/kg	243	14.0	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.94	0.251	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.486	0.275	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Sodium, Total	43.4	J	mg/kg	194	3.06	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Thallium, Total	1.12	J	mg/kg	1.94	0.306	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Vanadium, Total	36.0		mg/kg	0.971	0.197	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM
Zinc, Total	62.9		mg/kg	4.86	0.285	2	06/14/24 21:45	06/15/24 21:37	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-23 Date Collected: 06/10/24 14:10

Client ID: A11_2-4 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16800		mg/kg	9.69	2.62	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.85	0.368	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.06		mg/kg	0.969	0.202	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Barium, Total	114		mg/kg	0.969	0.169	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.574		mg/kg	0.485	0.032	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.969	0.095	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Calcium, Total	387		mg/kg	9.69	3.39	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Chromium, Total	20.1		mg/kg	0.969	0.093	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Cobalt, Total	9.48		mg/kg	1.94	0.161	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Copper, Total	31.6		mg/kg	0.969	0.250	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Iron, Total	21200		mg/kg	4.85	0.875	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Lead, Total	9.95		mg/kg	4.85	0.260	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Magnesium, Total	3860		mg/kg	9.69	1.49	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Manganese, Total	637		mg/kg	0.969	0.154	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.098	0.064	1	06/19/24 20:24	06/20/24 07:40	EPA 7471B	1,7471B	JWN
Nickel, Total	17.3		mg/kg	2.42	0.234	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Potassium, Total	1840		mg/kg	242	14.0	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.94	0.250	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.485	0.274	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Sodium, Total	31.4	J	mg/kg	194	3.05	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Thallium, Total	0.785	J	mg/kg	1.94	0.305	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Vanadium, Total	30.5		mg/kg	0.969	0.197	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF
Zinc, Total	49.2		mg/kg	4.85	0.284	2	06/19/24 20:03	06/19/24 23:27	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-25 Date Collected: 06/10/24 14:20

Client ID: A12_0-0.2 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	20100		mg/kg	9.30	2.51	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Antimony, Total	0.780	J	mg/kg	4.65	0.353	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Arsenic, Total	72.2		mg/kg	0.930	0.193	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Barium, Total	184		mg/kg	0.930	0.162	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.469		mg/kg	0.465	0.031	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.616	J	mg/kg	0.930	0.091	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Calcium, Total	869		mg/kg	9.30	3.26	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Chromium, Total	46.7		mg/kg	0.930	0.089	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Cobalt, Total	16.6		mg/kg	1.86	0.154	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Copper, Total	10.8		mg/kg	0.930	0.240	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Iron, Total	30600		mg/kg	4.65	0.840	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Lead, Total	82.9		mg/kg	4.65	0.249	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Magnesium, Total	7210		mg/kg	9.30	1.43	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Manganese, Total	692		mg/kg	0.930	0.148	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Mercury, Total	0.401		mg/kg	0.087	0.057	1	06/14/24 23:00	06/17/24 13:45	EPA 7471B	1,7471B	JWN
Nickel, Total	32.2		mg/kg	2.32	0.225	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Potassium, Total	5460		mg/kg	232	13.4	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.86	0.240	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.465	0.263	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Sodium, Total	65.0	J	mg/kg	186	2.93	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Thallium, Total	1.52	J	mg/kg	1.86	0.293	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Vanadium, Total	46.5		mg/kg	0.930	0.189	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM
Zinc, Total	93.2		mg/kg	4.65	0.272	2	06/14/24 21:45	06/15/24 21:41	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE
Lab Number: L2432392
Project Number: 3858.0004Y000
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-26
Client ID: A12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/10/24 14:25
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	19700		mg/kg	8.67	2.34	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Antimony, Total	0.728	J	mg/kg	4.34	0.330	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Arsenic, Total	3.72		mg/kg	0.867	0.180	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Barium, Total	166		mg/kg	0.867	0.151	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.339	J	mg/kg	0.434	0.029	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.200	J	mg/kg	0.867	0.085	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Calcium, Total	441		mg/kg	8.67	3.04	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Chromium, Total	37.1		mg/kg	0.867	0.083	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Cobalt, Total	20.1		mg/kg	1.73	0.144	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Copper, Total	4.57		mg/kg	0.867	0.224	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Iron, Total	34400		mg/kg	4.34	0.783	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Lead, Total	9.61		mg/kg	4.34	0.232	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Magnesium, Total	9100		mg/kg	8.67	1.34	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Manganese, Total	507		mg/kg	0.867	0.138	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Mercury, Total	0.049	J	mg/kg	0.072	0.047	1	06/14/24 23:00	06/17/24 13:48	EPA 7471B	1,7471B	JWN
Nickel, Total	38.8		mg/kg	2.17	0.210	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Potassium, Total	8920		mg/kg	217	12.5	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.73	0.224	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.434	0.245	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Sodium, Total	103	J	mg/kg	173	2.73	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Thallium, Total	1.99		mg/kg	1.73	0.273	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Vanadium, Total	52.1		mg/kg	0.867	0.176	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM
Zinc, Total	89.9		mg/kg	4.34	0.254	2	06/14/24 21:45	06/15/24 21:45	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-27 Date Collected: 06/10/24 14:30

Client ID: A12_2-4 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	21000		mg/kg	8.74	2.36	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.37	0.332	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.35		mg/kg	0.874	0.182	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Barium, Total	192		mg/kg	0.874	0.152	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.414	J	mg/kg	0.437	0.029	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.874	0.086	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Calcium, Total	279		mg/kg	8.74	3.06	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Chromium, Total	31.1		mg/kg	0.874	0.084	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Cobalt, Total	19.0		mg/kg	1.75	0.145	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Copper, Total	42.1		mg/kg	0.874	0.226	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Iron, Total	31200		mg/kg	4.37	0.789	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Lead, Total	5.28		mg/kg	4.37	0.234	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Magnesium, Total	9190		mg/kg	8.74	1.35	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Manganese, Total	552		mg/kg	0.874	0.139	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.082	0.053	1	06/19/24 20:24	06/20/24 07:50	EPA 7471B	1,7471B	JWN
Nickel, Total	37.2		mg/kg	2.18	0.212	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Potassium, Total	10100		mg/kg	218	12.6	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.75	0.226	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.437	0.247	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Sodium, Total	125	J	mg/kg	175	2.75	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Thallium, Total	1.05	J	mg/kg	3.50	0.551	4	06/19/24 20:03	06/20/24 08:22	EPA 3050B	1,6010D	DHL
Vanadium, Total	47.4		mg/kg	0.874	0.177	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF
Zinc, Total	88.6		mg/kg	4.37	0.256	2	06/19/24 20:03	06/19/24 23:17	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-29 Date Collected: 06/10/24 12:00

Client ID: DUP_06102024 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13300		mg/kg	9.45	2.55	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.73	0.359	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Arsenic, Total	21.4		mg/kg	0.945	0.197	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Barium, Total	63.9		mg/kg	0.945	0.164	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.468	J	mg/kg	0.473	0.031	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.269	J	mg/kg	0.945	0.093	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Calcium, Total	843		mg/kg	9.45	3.31	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Chromium, Total	31.0		mg/kg	0.945	0.091	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Cobalt, Total	7.07		mg/kg	1.89	0.157	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Copper, Total	14.5		mg/kg	0.945	0.244	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Iron, Total	17200		mg/kg	4.73	0.854	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Lead, Total	72.6		mg/kg	4.73	0.253	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Magnesium, Total	3850		mg/kg	9.45	1.46	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Manganese, Total	366		mg/kg	0.945	0.150	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Mercury, Total	0.556		mg/kg	0.077	0.050	1	06/14/24 23:00	06/17/24 13:51	EPA 7471B	1,7471B	JWN
Nickel, Total	14.3		mg/kg	2.36	0.229	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Potassium, Total	772		mg/kg	236	13.6	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Selenium, Total	0.303	J	mg/kg	1.89	0.244	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.473	0.267	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Sodium, Total	27.0	J	mg/kg	189	2.98	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Thallium, Total	0.306	J	mg/kg	1.89	0.298	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Vanadium, Total	27.6		mg/kg	0.945	0.192	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM
Zinc, Total	58.6		mg/kg	4.73	0.277	2	06/14/24 21:45	06/15/24 21:49	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-30 Date Collected: 06/10/24 13:15

Client ID: FB_06102024 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Barium, Total	ND		mg/l	0.0100	0.0021	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Calcium, Total	ND		mg/l	0.100	0.0350	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Magnesium, Total	ND		mg/l	0.100	0.0153	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/13/24 23:31	06/17/24 11:25	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Potassium, Total	ND		mg/l	2.50	0.237	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Sodium, Total	ND		mg/l	2.00	0.120	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF
Zinc, Total	ND		mg/l	0.0500	0.0021	1	06/13/24 16:54	06/15/24 01:49	EPA 3005A	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432392

Project Number: 3858.0004Y000 **Report Date:** 06/20/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 30 Batch: WG1933920-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Barium, Total	ND		mg/l	0.0100	0.0021	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Calcium, Total	ND		mg/l	0.100	0.0350	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Magnesium, Total	ND		mg/l	0.100	0.0153	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Potassium, Total	ND		mg/l	2.50	0.237	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Sodium, Total	ND		mg/l	2.00	0.120	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF
Zinc, Total	ND		mg/l	0.0500	0.0021	1	06/13/24 16:54	06/14/24 00:52	1,6010D	JMF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 30 Batch: WG1933925-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/13/24 23:31	06/17/24 10:15	1,7470A	MJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1934069-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Copper, Total	ND		mg/kg	0.400	0.103	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Iron, Total	1.10	J	mg/kg	2.00	0.361	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Potassium, Total	ND		mg/kg	100	5.76	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/14/24 21:45	06/15/24 20:29	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1934071-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/14/24 23:00	06/17/24 12:45	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 23,27 Batch: WG1936525-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Arsenic, Total	0.108	J	mg/kg	0.400	0.083	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Iron, Total	1.55	J	mg/kg	2.00	0.361	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Sodium, Total	2.81	J	mg/kg	80.0	1.26	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/19/24 20:03	06/19/24 23:09	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 23,27 Batch: WG1936530-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/19/24 20:24	06/20/24 07:34	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 Batch: WG1933920-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	91		-		80-120	-		
Arsenic, Total	99		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	103		-		80-120	-		
Cadmium, Total	106		-		80-120	-		
Calcium, Total	104		-		80-120	-		
Chromium, Total	103		-		80-120	-		
Cobalt, Total	96		-		80-120	-		
Copper, Total	106		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	106		-		80-120	-		
Manganese, Total	103		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	110		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	99		-		80-120	-		
Sodium, Total	105		-		80-120	-		
Thallium, Total	106		-		80-120	-		
Vanadium, Total	106		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 Batch: WG1933920-2					
Zinc, Total	105	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 30 Batch: WG1933925-2					
Mercury, Total	96	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1934069-2					
Aluminum, Total	101	-	80-120	-	
Antimony, Total	104	-	80-120	-	
Arsenic, Total	102	-	80-120	-	
Barium, Total	101	-	80-120	-	
Beryllium, Total	102	-	80-120	-	
Cadmium, Total	105	-	80-120	-	
Calcium, Total	103	-	80-120	-	
Chromium, Total	101	-	80-120	-	
Cobalt, Total	102	-	80-120	-	
Copper, Total	104	-	80-120	-	
Iron, Total	104	-	80-120	-	
Lead, Total	104	-	80-120	-	
Magnesium, Total	105	-	80-120	-	
Manganese, Total	101	-	80-120	-	
Nickel, Total	102	-	80-120	-	
Potassium, Total	106	-	80-120	-	
Selenium, Total	101	-	80-120	-	
Silver, Total	103	-	80-120	-	
Sodium, Total	106	-	80-120	-	
Thallium, Total	103	-	80-120	-	
Vanadium, Total	103	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1934069-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1934071-2					
Mercury, Total	97	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 23,27 Batch: WG1936525-2					
Aluminum, Total	105	-	80-120	-	
Antimony, Total	101	-	80-120	-	
Arsenic, Total	99	-	80-120	-	
Barium, Total	102	-	80-120	-	
Beryllium, Total	103	-	80-120	-	
Cadmium, Total	99	-	80-120	-	
Calcium, Total	99	-	80-120	-	
Chromium, Total	98	-	80-120	-	
Cobalt, Total	100	-	80-120	-	
Copper, Total	100	-	80-120	-	
Iron, Total	102	-	80-120	-	
Lead, Total	102	-	80-120	-	
Magnesium, Total	96	-	80-120	-	
Manganese, Total	99	-	80-120	-	
Nickel, Total	96	-	80-120	-	
Potassium, Total	103	-	80-120	-	
Selenium, Total	96	-	80-120	-	
Silver, Total	100	-	80-120	-	
Sodium, Total	102	-	80-120	-	
Thallium, Total	101	-	80-120	-	
Vanadium, Total	99	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 23,27 Batch: WG1936525-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 23,27 Batch: WG1936530-2					
Mercury, Total	100	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG1933920-3 QC Sample: L2430662-01 Client ID: MS Sample												
Aluminum, Total	0.059J	2	2.10	105		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.551	110		-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.128	107		-	-		75-125	-		20
Barium, Total	0.476	2	2.49	101		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.0528	106		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.0570	108		-	-		75-125	-		20
Calcium, Total	44.5	10	54.1	96		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.211	106		-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.474	95		-	-		75-125	-		20
Copper, Total	ND	0.25	0.270	108		-	-		75-125	-		20
Iron, Total	0.418	1	1.45	103		-	-		75-125	-		20
Lead, Total	ND	0.53	0.556	105		-	-		75-125	-		20
Magnesium, Total	22.4	10	32.9	105		-	-		75-125	-		20
Manganese, Total	0.472	0.5	0.988	103		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.474	95		-	-		75-125	-		20
Potassium, Total	2.49J	10	13.5	**135**	Q	-	-		75-125	-		20
Selenium, Total	ND	0.12	0.130	108		-	-		75-125	-		20
Silver, Total	ND	0.05	0.0501	100		-	-		75-125	-		20
Sodium, Total	30.1	10	40.3	102		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.128	107		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.544	109		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG1933920-3 QC Sample: L2430662-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.535	107	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG1933925-3 QC Sample: L2430662-04 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00484	97	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 QC Batch ID: WG1934069-3 WG1934069-4 QC Sample: L2432392-09 Client ID: A7_0-0.2											
Aluminum, Total	19400	215	20400	**465**	Q	21600	**1030**	Q	75-125	6	20
Antimony, Total	ND	53.7	40.2	75		44.4	84		75-125	10	20
Arsenic, Total	29.3	12.9	45.0	122		45.4	**126**	Q	75-125	1	20
Barium, Total	125	215	329	95		337	100		75-125	2	20
Beryllium, Total	0.732	5.37	5.84	95		5.88	97		75-125	1	20
Cadmium, Total	0.256J	5.7	5.45	96		5.49	97		75-125	1	20
Calcium, Total	792	1070	1880	101		1860	100		75-125	1	20
Chromium, Total	34.7	21.5	55.2	95		55.9	100		75-125	1	20
Cobalt, Total	9.58	53.7	57.6	89		58.3	92		75-125	1	20
Copper, Total	20.8	26.9	47.0	97		48.2	103		75-125	3	20
Iron, Total	22500	107	23000	**465**	Q	23500	**940**	Q	75-125	2	20
Lead, Total	99.2	57	161	108		163	113		75-125	1	20
Magnesium, Total	4490	1070	5510	95		5710	115		75-125	4	20
Manganese, Total	650	53.7	691	76		718	**128**	Q	75-125	4	20
Nickel, Total	19.4	53.7	68.0	90		68.8	93		75-125	1	20
Potassium, Total	1180	1070	2280	102		2340	109		75-125	3	20
Selenium, Total	0.281J	12.9	13.7	106		13.9	109		75-125	1	20
Silver, Total	ND	5.37	5.25	98		5.33	100		75-125	2	20
Sodium, Total	31.5J	1070	1080	100		1100	103		75-125	2	20
Thallium, Total	0.566J	12.9	13.4	104		14.0	110		75-125	4	20
Vanadium, Total	38.1	53.7	90.3	97		90.8	99		75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 QC Batch ID: WG1934069-3 WG1934069-4 QC Sample: L2432392-09 Client ID: A7_0-0.2									
Zinc, Total	76.6	53.7	127	94	129	98	75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 QC Batch ID: WG1934071-3 WG1934071-4 QC Sample: L2432392-09 Client ID: A7_0-0.2									
Mercury, Total	0.252	1.83	2.11	101	2.03	102	80-120	4	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 23,27 QC Batch ID: WG1936525-3 QC Sample: L2432392-23 Client ID: A11_2-4										
Aluminum, Total	16800	195	18200	**717**	Q	-	-	75-125	-	20
Antimony, Total	ND	48.8	37.7	77		-	-	75-125	-	20
Arsenic, Total	4.06	11.7	15.9	101		-	-	75-125	-	20
Barium, Total	114	195	294	92		-	-	75-125	-	20
Beryllium, Total	0.574	4.88	5.26	96		-	-	75-125	-	20
Cadmium, Total	ND	5.17	4.72	91		-	-	75-125	-	20
Calcium, Total	387	976	1280	91		-	-	75-125	-	20
Chromium, Total	20.1	19.5	39.9	101		-	-	75-125	-	20
Cobalt, Total	9.48	48.8	53.6	90		-	-	75-125	-	20
Copper, Total	31.6	24.4	60.3	118		-	-	75-125	-	20
Iron, Total	21200	97.6	22600	**1430**	Q	-	-	75-125	-	20
Lead, Total	9.95	51.7	59.5	96		-	-	75-125	-	20
Magnesium, Total	3860	976	4900	106		-	-	75-125	-	20
Manganese, Total	637	48.8	628	**0**	Q	-	-	75-125	-	20
Nickel, Total	17.3	48.8	60.1	88		-	-	75-125	-	20
Potassium, Total	1840	976	2380	**55**	Q	-	-	75-125	-	20
Selenium, Total	ND	11.7	10.6	90		-	-	75-125	-	20
Silver, Total	ND	4.88	4.53	93		-	-	75-125	-	20
Sodium, Total	31.4J	976	970	99		-	-	75-125	-	20
Thallium, Total	0.785J	11.7	11.4	97		-	-	75-125	-	20
Vanadium, Total	30.5	48.8	78.3	98		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 23,27 QC Batch ID: WG1936525-3 QC Sample: L2432392-23 Client ID: A11_2-4									
Zinc, Total	49.2	48.8	94.6	93	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 23,27 QC Batch ID: WG1936530-3 QC Sample: L2432392-23 Client ID: A11_2-4									
Mercury, Total	ND	1.72	1.82	105	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG1933920-4 QC Sample: L2430662-01 Client ID: DUP Sample						
Calcium, Total	44.5	44.0	mg/l	1		20
Magnesium, Total	22.4	22.5	mg/l	0		20
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG1933925-4 QC Sample: L2430662-04 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 23,27 QC Batch ID: WG1936525-4 QC Sample: L2432392-23 Client ID: A11_2-4						
Aluminum, Total	16800	16800	mg/kg	0		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	4.06	4.25	mg/kg	5		20
Barium, Total	114	109	mg/kg	4		20
Beryllium, Total	0.574	0.602	mg/kg	5		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	387	365	mg/kg	6		20
Chromium, Total	20.1	20.3	mg/kg	1		20
Cobalt, Total	9.48	9.54	mg/kg	1		20
Copper, Total	31.6	33.0	mg/kg	4		20
Iron, Total	21200	21000	mg/kg	1		20
Lead, Total	9.95	11.1	mg/kg	11		20
Magnesium, Total	3860	3710	mg/kg	4		20
Manganese, Total	637	690	mg/kg	8		20
Nickel, Total	17.3	17.2	mg/kg	1		20
Potassium, Total	1840	1310	mg/kg	**34**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	31.4J	31.2J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 23,27 QC Batch ID: WG1936525-4 QC Sample: L2432392-23 Client ID: A11_2-4					
Thallium, Total	0.785J	0.851J	mg/kg	NC	20
Vanadium, Total	30.5	30.6	mg/kg	0	20
Zinc, Total	49.2	48.7	mg/kg	1	20
Total Metals - Mansfield Lab Associated sample(s): 23,27 QC Batch ID: WG1936530-4 QC Sample: L2432392-23 Client ID: A11_2-4					
Mercury, Total	ND	0.074J	mg/kg	NC	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2432392
Report Date: 06/20/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG1933920-6 QC Sample: L2430662-01 Client ID: DUP Sample						
Calcium, Total	44.5	40.3	mg/l	9		20
Magnesium, Total	22.4	20.0	mg/l	11		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 QC Batch ID: WG1934069-6 QC Sample: L2432392-09 Client ID: A7_0-0.2						
Aluminum, Total	19400	20000	mg/kg	3		20
Arsenic, Total	29.3	26.1	mg/kg	11		20
Barium, Total	125	128	mg/kg	2		20
Calcium, Total	792	812	mg/kg	3		20
Chromium, Total	34.7	35.8	mg/kg	3		20
Iron, Total	22500	24000	mg/kg	7		20
Magnesium, Total	4490	4750	mg/kg	6		20
Manganese, Total	650	682	mg/kg	5		20
Vanadium, Total	38.1	38.8	mg/kg	2		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2432392
Report Date: 06/20/24

Parameter	Native Sample	Serial Dilution	Units	% D	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 23,27 QC Batch ID: WG1936525-6 QC Sample: L2432392-23 Client ID: A11_2-4					
Aluminum, Total	16800	17400	mg/kg	4	20
Barium, Total	114	119	mg/kg	4	20
Calcium, Total	387	405	mg/kg	5	20
Copper, Total	31.6	32.7	mg/kg	3	20
Iron, Total	21200	23100	mg/kg	9	20
Magnesium, Total	3860	4070	mg/kg	5	20
Manganese, Total	637	672	mg/kg	5	20
Vanadium, Total	30.5	31.1	mg/kg	2	20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-01
Client ID: A5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 11:00
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.6		%	0.100	NA	1	-	06/11/24 11:56	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.03	0.206	1	06/17/24 09:26	06/17/24 13:34	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-02
Client ID: A5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 11:05
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.1		%	0.100	NA	1	-	06/11/24 11:56	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/15/24 07:30	06/17/24 13:39	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.01	0.202	1	06/17/24 09:26	06/17/24 13:34	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-05
Client ID: A6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 11:30
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	06/11/24 11:56	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.934	0.187	1	06/17/24 09:26	06/17/24 13:34	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-06
Client ID: A6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 11:35
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	06/11/24 11:56	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/15/24 07:30	06/17/24 13:40	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.950	0.190	1	06/17/24 09:26	06/17/24 13:34	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-09
Client ID: A7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 12:05
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.0		%	0.100	NA	1	-	06/11/24 11:56	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.11	0.222	1	06/17/24 09:26	06/17/24 13:34	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-10
Client ID: A7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 12:10
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	06/11/24 11:56	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/15/24 07:30	06/17/24 13:41	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.938	0.188	1	06/17/24 09:26	06/17/24 13:34	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-13
Client ID: A8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 12:35
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	66.1		%	0.100	NA	1	-	06/11/24 11:56	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.21	0.242	1	06/17/24 09:26	06/17/24 13:34	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-14
Client ID: A8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 12:40
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	06/11/24 11:56	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/15/24 07:30	06/17/24 13:42	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.977	0.195	1	06/17/24 09:26	06/17/24 13:34	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-17
Client ID: A10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 13:00
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.7		%	0.100	NA	1	-	06/11/24 11:56	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.912	0.182	1	06/17/24 09:26	06/17/24 13:34	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-18
Client ID: A10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 13:05
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	06/11/24 11:56	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	06/15/24 07:30	06/17/24 13:45	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.878	0.176	1	06/17/24 09:26	06/17/24 13:34	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-21
Client ID: A11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 14:00
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	06/11/24 11:56	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.986	0.197	1	06/17/24 11:24	06/17/24 16:28	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-22
Client ID: A11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 14:05
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.4		%	0.100	NA	1	-	06/11/24 11:56	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/15/24 07:30	06/17/24 13:48	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.02	0.204	1	06/17/24 11:24	06/17/24 16:28	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-23
Client ID: A11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 14:10
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.6		%	0.100	NA	1	-	06/20/24 01:32	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-25
Client ID: A12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 14:20
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.9		%	0.100	NA	1	-	06/11/24 11:56	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.989	0.198	1	06/17/24 11:24	06/17/24 16:28	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-26
Client ID: A12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 14:25
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	06/11/24 11:56	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/15/24 07:30	06/17/24 13:49	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.887	0.177	1	06/17/24 11:24	06/17/24 16:28	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-27
Client ID: A12_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 14:30
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	06/20/24 01:32	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-29
Client ID: DUP_06102024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 12:00
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	06/11/24 11:56	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.958	0.192	1	06/17/24 11:24	06/17/24 16:28	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

SAMPLE RESULTS

Lab ID: L2432392-30
Client ID: FB_06102024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Field Blank

Date Collected: 06/10/24 13:15
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/11/24 12:30	06/11/24 12:46	1,7196A	JBB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432392
Report Date: 06/20/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 30 Batch: WG1932699-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/11/24 12:30	06/11/24 12:44	1,7196A	JBB
General Chemistry - Westborough Lab for sample(s): 02,06,10 Batch: WG1934711-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	06/15/24 07:30	06/17/24 13:24	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 14,18,22,26 Batch: WG1934712-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	06/15/24 07:30	06/17/24 13:24	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1935126-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/17/24 09:26	06/17/24 13:34	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 21-22,25-26,29 Batch: WG1935129-1										
Chromium, Hexavalent	0.260	J	mg/kg	0.800	0.160	1	06/17/24 11:24	06/17/24 16:28	1,7196A	RDS

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432392

Report Date: 06/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 30 Batch: WG1932699-2								
Chromium, Hexavalent	96		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,06,10 Batch: WG1934711-2 WG1934711-3								
Cyanide, Total	90		92		80-120	8		35
General Chemistry - Westborough Lab Associated sample(s): 14,18,22,26 Batch: WG1934712-2 WG1934712-3								
Cyanide, Total	90		92		80-120	2		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1935126-2								
Chromium, Hexavalent	117		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29 Batch: WG1935129-2								
Chromium, Hexavalent	110		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 30 QC Batch ID: WG1932699-4 QC Sample: L2432392-30 Client ID: FB_06102024												
Chromium, Hexavalent	ND	0.1	0.093	93		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,06,10 QC Batch ID: WG1934711-4 WG1934711-5 QC Sample: L2432297-01 Client ID: MS Sample												
Cyanide, Total	ND	13	11	86		10	79		75-125	10		35
General Chemistry - Westborough Lab Associated sample(s): 14,18,22,26 QC Batch ID: WG1934712-4 WG1934712-5 QC Sample: L2432392-14 Client ID: A8_0.2-2												
Cyanide, Total	ND	11	11	99		9.2	78		75-125	18		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1935126-4 WG1935126-5 QC Sample: L2432392-09 Client ID: A7_0-0.2												
Chromium, Hexavalent	ND	1440	901	**63**	Q	957	**55**	Q	75-125	6		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29 QC Batch ID: WG1935129-4 QC Sample: L2432392-29 Client ID: DUP_06102024												
Chromium, Hexavalent	ND	1290	990	77		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 QC Batch ID: WG1932525-1 QC Sample: L2432392-09 Client ID: A7_0-0.2						
Solids, Total	72.0	72.8	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 30 QC Batch ID: WG1932699-3 QC Sample: L2432392-30 Client ID: FB_06102024						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1935126-7 QC Sample: L2432392-09 Client ID: A7_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29 QC Batch ID: WG1935129-6 QC Sample: L2432392-29 Client ID: DUP_06102024						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 23,27 QC Batch ID: WG1936792-1 QC Sample: L2432392-23 Client ID: A11_2-4						
Solids, Total	79.6	79.6	%	0		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432392-01A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2432392-01B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-01C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-02A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-02B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-02C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-02D	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2432392-02E	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2432392-02F	Glass 120ml/4oz unpreserved	B	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432392-02G	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432392-02X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-02Y	Vial Water preserved split	B	NA		3.1	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432392-02Z	Vial Water preserved split	B	NA		3.1	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432392-03A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432392-03B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-03C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-04A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		HOLD-METAL(180)
L2432392-04B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-04C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-05A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2432392-05B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-05C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-06A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-06B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-06C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-06D	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2432392-06E	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2432392-06F	Glass 120ml/4oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432392-06G	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432392-06X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-06Y	Vial Water preserved split	B	NA		3.1	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432392-06Z	Vial Water preserved split	B	NA		3.1	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432392-07A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432392-07B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-07C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-08A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		HOLD-METAL(180)
L2432392-08B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-08C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-09A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2432392-09A1	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2432392-09A2	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2432392-09B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-09B1	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-09B2	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-09C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-09C1	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-09C2	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-10A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-10B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-10C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432392-10D	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2432392-10E	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2432392-10F	Glass 120ml/4oz unpreserved	B	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432392-10G	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432392-10X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-10Y	Vial Water preserved split	B	NA		3.1	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432392-10Z	Vial Water preserved split	B	NA		3.1	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432392-11A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		HOLD-METAL(180)
L2432392-11B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-11C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-12A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		HOLD-METAL(180)
L2432392-12B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-12C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-13A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2432392-13B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-13C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-14A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-14B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-14C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432392-14D	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2432392-14E	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2432392-14F	Glass 120ml/4oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432392-14G	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432392-14X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-14Y	Vial Water preserved split	B	NA		3.1	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432392-14Z	Vial Water preserved split	B	NA		3.1	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432392-15A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		HOLD-METAL(180)
L2432392-15B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-15C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-16A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		HOLD-METAL(180)
L2432392-16B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-16C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-17A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2432392-17B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-17C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-18A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-18B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-18C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432392-18D	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2432392-18E	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2432392-18F	Glass 120ml/4oz unpreserved	B	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432392-18G	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432392-18X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-18Y	Vial Water preserved split	B	NA		3.1	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432392-18Z	Vial Water preserved split	B	NA		3.1	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432392-19A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		HOLD-METAL(180)
L2432392-19B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-19C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-20A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		HOLD-METAL(180)
L2432392-20B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-20C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-21A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2432392-21B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-21C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-22A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-22B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-22C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432392-22D	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2432392-22E	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2432392-22F	Glass 120ml/4oz unpreserved	B	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432392-22G	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432392-22X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-22Y	Vial Water preserved split	B	NA		3.1	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432392-22Z	Vial Water preserved split	B	NA		3.1	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432392-23A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2432392-23B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),TS(7),NYTCL-8081(14)
L2432392-23C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),TS(7),NYTCL-8081(14)
L2432392-24A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		HOLD-METAL(180)
L2432392-24B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-24C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-25A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2432392-25B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-25C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-26A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432392-26B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-26C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-26D	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2432392-26E	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2432392-26F	Glass 120ml/4oz unpreserved	B	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432392-26G	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432392-26X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2432392-26Y	Vial Water preserved split	B	NA		3.1	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432392-26Z	Vial Water preserved split	B	NA		3.1	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432392-27A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2432392-27B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),TS(7),HOLD-8081(14)
L2432392-27C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),TS(7),HOLD-8081(14)
L2432392-28A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		HOLD-METAL(180)
L2432392-28B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-28C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432392-29A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2432392-29B	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432392
Report Date: 06/20/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432392-29C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432392-30A	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		HOLD-8082(7)
L2432392-30B	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8081(7)
L2432392-30C	Plastic 250ml unpreserved	B	7	7	3.1	Y	Absent		HEXCR-7196(1)
L2432392-30D	Plastic 250ml HNO3 preserved	B	<2	<2	3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2432392-30E	Amber 1000ml unpreserved	B	7	7	3.1	Y	Absent		HERB-APA(7)
L2432392-30F	Amber 1000ml unpreserved	B	7	7	3.1	Y	Absent		HERB-APA(7)
L2432392-31A	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2432392-31B	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2432392
Project Number:	3858.0004Y000	**Report Date:**	06/20/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2432392
Project Number:	3858.0004Y000	**Report Date:**	06/20/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2432392
Project Number:	3858.0004Y000	**Report Date:**	06/20/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2432392
Project Number:	3858.0004Y000	**Report Date:**	06/20/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL LABORATORIES

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd In Lab: 6/11/24

ALPHA Job #: L2432392

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
32392-01	A5-0-0.2	6/10/24	1100	S	EL			X	X	X	X				3
02	A5-0.2-2	"	1105	S	EL	X	X	X	X	X	X	X	X		7
03	A5-2-4	"	1110	S	EL			H	H	H	H			HOLD	3
04	A5-4-6	"	1115	S	EL			H	H	H	H			HOLD	3
05	A6-0-0.2	"	1130	S	EL			X	X	X	X				3
06	A6-0.2-2	"	1135	S	EL	X	X	X	X	X	X	X	X		7
07	A6-2-4	"	1140	S	EL			H	H	H	H			HOLD	3
08	A6-4-6	"	1145	S	EL			H	H	H	H			HOLD	3
09	A7-0-0.2	"	1205	S	EL			X	X	X	X			MS/MSD	9
10	A7-0.2-2	"	1210	S	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/10/24 1530	TONA Pace	6/10/24 15:34
	6/10/24		6/10/24 19:25
	6/11 0300		6/10 2200 6/11/24 0030

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 4

Date Rec'd in Lab: 6/11/24

ALPHA Job #: L2432392

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
32392-11	A7-2-4	6/10/24	1315	S	EL			H	H	H	H			HOLD	3
12	A7-4-6	"	1320	S	EL			H	H	H	H			HOLD	3
13	A8-0-0.2	"	1235	S	EL			X	X	X	X				3
14	A8-0.2-2	"	1240	S	EL	X	X	X	X	X	X	X	X		7
15	A8-2-4	"	1245	S	EL			H	H	H	H			HOLD	3
16	A8-4-6	"	1250	S	EL			H	H	H	H			HOLD	3
17	A10-0-0.2	"	1300	S	EL			X	X	X	X				3
18	A10-0.2-2	"	1305	S	EL	X	X	X	X	X	X	X	X		7
19	A10-2-4	"	1310	S	EL			H	H	H	H			HOLD	3
20	A10-4-6	"	1320	S	EL			H	H	H	H			HOLD	3

Container Type	E	A	A	A	A	A	A	A	
Preservative	A	A	A	A	A	A	A	A	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/10/24 1530	JOHN Pace	6/10/24 15:54
	6/10/24		6/10/24 2200
	6/11 0730		6/11/24 0730

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 4

Date Rec'd in Lab: 6/11/24

ALPHA Job #: L2432392

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
32392-21	A11-0-0.2	6/10/24	1400	S	EL			X	X	X	X				3
22	A11-0.2-2	"	1405	S	EL	X	X	X	X	X	X	X	X		7
23	A11-2-4	"	1410	S	EL			H	H	H	H			H30	3
24	A11-4-6	"	1415	S	EL			H	H	H	H			H0	3
25	A12-0-0.2	"	1420	S	EL			X	X	X	X				3
26	A12-0.2-2	"	1425	S	EL	X	X	X	X	X	X	X	X		7
27	A12-2-4	"	1430	S	EL			H	H	H	H			H0	3
28	A12-4-6	"	1435	S	EL			H	H	H	H			H0	3
29	DUP-06102024	"	1200	S	EL			X	X	X	X				3
30	FB-06102024	"	1215	W	EL			X	X	X	X				6
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/10/24 1530	John A Pace	6/10/24 15:55
	6/10/24		6/10/24 2200
	6/11 0500		6/11/24 0500

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/11/24

ALPHA Job #: L2432392

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
32392-31	TB-06102024	6/10/24	—	W	RL	X									2

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
	6/10/24 1530	Jon A Pace	6/10/24 15:34
	6/10/24		6/10 2200
	6/11 0830		6/11/24 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2432791
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/19/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2432791-01	B13_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 09:00	06/11/24
L2432791-02	B13_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 09:05	06/11/24
L2432791-03	B13_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 09:10	06/11/24
L2432791-04	B13_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 09:15	06/11/24
L2432791-05	B12_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 09:40	06/11/24
L2432791-06	B12_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 09:45	06/11/24
L2432791-07	B12_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 09:50	06/11/24
L2432791-08	B12_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 09:55	06/11/24
L2432791-09	B11_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 10:30	06/11/24
L2432791-10	B11_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 10:35	06/11/24
L2432791-11	B11_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 10:40	06/11/24
L2432791-12	B11_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 10:45	06/11/24
L2432791-13	B10_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 11:00	06/11/24
L2432791-14	B10_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 11:05	06/11/24
L2432791-15	B10_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 11:10	06/11/24
L2432791-16	B10_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 11:15	06/11/24
L2432791-17	B9_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 12:05	06/11/24
L2432791-18	B9_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 12:10	06/11/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2432791-19	B9_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 12:15	06/11/24
L2432791-20	B9_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 12:20	06/11/24
L2432791-21	B8_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 13:00	06/11/24
L2432791-22	B8_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 13:05	06/11/24
L2432791-23	B8_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 13:10	06/11/24
L2432791-24	B8_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 13:15	06/11/24
L2432791-25	B7_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 13:40	06/11/24
L2432791-26	B7_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 13:45	06/11/24
L2432791-27	B7_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 13:50	06/11/24
L2432791-28	B7_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 13:55	06/11/24
L2432791-29	B6_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 14:15	06/11/24
L2432791-30	B6_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 14:20	06/11/24
L2432791-31	B6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 14:25	06/11/24
L2432791-32	B6_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 14:30	06/11/24
L2432791-33	DUP_06112024	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 12:00	06/11/24
L2432791-34	FB_06112024	FIELD BLANK	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 12:40	06/11/24
L2432791-35	TB_06112024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 00:00	06/11/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2432791
Project Number:	3858.0004Y000	**Report Date:**	06/19/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791
Project Number: 3858.0004Y000 **Report Date:** 06/19/24

Case Narrative (continued)

Report Submission
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics
The WG1935264-5 Method Blank, associated with L2432791-02, -06, -10, -14, -18, -22, -26, -30, and -33, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are non-detect to the RL for this target analyte, no corrective action is required.

Semivolatile Organics
The WG1934773-2/-3 LCS/LCSD recoveries, associated with L2432791-34, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals
L2432791-01 and -25: The sample has elevated detection limits for all elements due to the dilution required by the sample matrix.
L2432791-02, -05, -06, -09, -10, -13, -14, -17, -18, -21, -22, -26, -29, -30, and -33: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
The WG1935273-3/-4 MS/MSD recoveries for aluminum (0%/2160%), iron (0%/5910%), magnesium (58%/156%), and manganese (133%/344%), performed on L2432791-22, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG1935273-3/-4 MSD recoveries, performed on L2432791-22, are outside the acceptance criteria for arsenic (MSD 228%), chromium (MSD 140%), lead (MSD 167%), potassium (0%/57%), and zinc (74%/128%). A post digestion spike was performed and was within acceptance criteria.
The WG1935273-3/-4 MSD RPDs for aluminum (35%), arsenic (32%), iron (29%), lead (24%), potassium

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2432791
Project Number:	3858.0004Y000	**Report Date:**	06/19/24

Case Narrative (continued)

(31%), and zinc (23%), performed on L2432791-22, are above the acceptance criteria.

Hexavalent Chromium

The WG1935649-4 Insoluble MS recovery for chromium, hexavalent (74%), performed on L2432791-01, is below the acceptance criteria. The Soluble MS recovery for chromium, hexavalent (70%) was also below criteria. This has been attributed to matrix interference. A post-spike was performed with an acceptable recovery of 95%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 06/19/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-02
Client ID: B13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/15/24 14:49
Analyst: MKS
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.3	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.39	1
Tetrachloroethene	ND		ug/kg	0.73	0.29	1
Chlorobenzene	ND		ug/kg	0.73	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.8	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.73	0.24	1
Bromodichloromethane	ND		ug/kg	0.73	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.73	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.73	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.73	0.23	1
Bromoform	ND		ug/kg	5.8	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.73	0.24	1
Benzene	ND		ug/kg	0.73	0.24	1
Toluene	1.7		ug/kg	1.5	0.79	1
Ethylbenzene	1.6		ug/kg	1.5	0.20	1
Chloromethane	ND		ug/kg	5.8	1.4	1
Bromomethane	ND		ug/kg	2.9	0.85	1
Vinyl chloride	ND		ug/kg	1.5	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-02 Date Collected: 06/11/24 09:05

Client ID: B13_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.73	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	7.8		ug/kg	2.9	0.82	1
o-Xylene	1.8		ug/kg	1.5	0.42	1
Xylenes, Total	9.6		ug/kg	1.5	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.35	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.3	1
Acetone	ND		ug/kg	15	7.0	1
Carbon disulfide	ND		ug/kg	15	6.6	1
2-Butanone	ND		ug/kg	15	3.2	1
Vinyl acetate	ND		ug/kg	15	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	15	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.73	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.5	0.24	1
sec-Butylbenzene	ND		ug/kg	1.5	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	5.8	0.95	1
Acrylonitrile	ND		ug/kg	5.8	1.7	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-02 Date Collected: 06/11/24 09:05

Client ID: B13_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.49	1
1,4-Dioxane	ND		ug/kg	120	51.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.3	2.1	1
Tentatively Identified Compounds						
Total TIC Compounds	16.2	J	ug/kg			1
Unknown	16.2	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-06
Client ID: B12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:45
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/15/24 15:16
Analyst: MKS
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.5	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.65	0.26	1
Chlorobenzene	ND		ug/kg	0.65	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.91	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.65	0.22	1
Bromodichloromethane	ND		ug/kg	0.65	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.65	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.65	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.65	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.65	0.22	1
Benzene	ND		ug/kg	0.65	0.22	1
Toluene	1.0	J	ug/kg	1.3	0.71	1
Ethylbenzene	0.85	J	ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-06 Date Collected: 06/11/24 09:45

Client ID: B12_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.65	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	4.3		ug/kg	2.6	0.73	1
o-Xylene	0.84	J	ug/kg	1.3	0.38	1
Xylenes, Total	5.1	J	ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.3	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.65	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.85	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-06 Date Collected: 06/11/24 09:45

Client ID: B12_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	1.8	1
Tentatively Identified Compounds						
Total TIC Compounds	17.7	J	ug/kg			1
Unknown	14.9	J	ug/kg			1
Unknown	2.76	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	101		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-10 Date Collected: 06/11/24 10:35
Client ID: B11_0.2-2 Date Received: 06/11/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/15/24 15:43
Analyst: MKS
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.9	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.79	0.31	1
Chlorobenzene	ND		ug/kg	0.79	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.4	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.79	0.26	1
Bromodichloromethane	ND		ug/kg	0.79	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.43	1
cis-1,3-Dichloropropene	ND		ug/kg	0.79	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	0.79	0.25	1
1,1-Dichloropropene	ND		ug/kg	0.79	0.25	1
Bromoform	ND		ug/kg	6.4	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.79	0.26	1
Benzene	ND		ug/kg	0.79	0.26	1
Toluene	1.2	J	ug/kg	1.6	0.86	1
Ethylbenzene	0.96	J	ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.4	1.5	1
Bromomethane	ND		ug/kg	3.2	0.92	1
Vinyl chloride	ND		ug/kg	1.6	0.53	1
Chloroethane	ND		ug/kg	3.2	0.72	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-10 Date Collected: 06/11/24 10:35

Client ID: B11_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.79	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	4.8		ug/kg	3.2	0.89	1
o-Xylene	0.94	J	ug/kg	1.6	0.46	1
Xylenes, Total	5.7	J	ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	3.2	0.38	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	ND		ug/kg	16	7.6	1
Carbon disulfide	ND		ug/kg	16	7.2	1
2-Butanone	ND		ug/kg	16	3.5	1
Vinyl acetate	ND		ug/kg	16	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.2	0.20	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.2	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,3-Dichloropropane	ND		ug/kg	3.2	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.79	0.21	1
Bromobenzene	ND		ug/kg	3.2	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.26	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
o-Chlorotoluene	ND		ug/kg	3.2	0.30	1
p-Chlorotoluene	ND		ug/kg	3.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.4	0.27	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.4	1.0	1
Acrylonitrile	ND		ug/kg	6.4	1.8	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-10 Date Collected: 06/11/24 10:35

Client ID: B11_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.51	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.43	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.31	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.53	1
1,4-Dioxane	ND		ug/kg	130	56.	1
p-Diethylbenzene	ND		ug/kg	3.2	0.28	1
p-Ethyltoluene	ND		ug/kg	3.2	0.61	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.2	0.30	1
Ethyl ether	ND		ug/kg	3.2	0.54	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.9	2.2	1
Tentatively Identified Compounds						
Total TIC Compounds	18.1	J	ug/kg			1
Unknown	18.1	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-14
Client ID: B10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 11:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/15/24 16:10
Analyst: MKS
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	1.4		ug/kg	1.2	0.65	1
Ethylbenzene	1.7		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-14 Date Collected: 06/11/24 11:05

Client ID: B10_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	8.8		ug/kg	2.4	0.67	1
o-Xylene	1.8		ug/kg	1.2	0.35	1
Xylenes, Total	11		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	16		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-14 Date Collected: 06/11/24 11:05

Client ID: B10_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	13.4	J	ug/kg			1
Unknown	13.4	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-18
Client ID: B9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/15/24 16:38
Analyst: MKS
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.1	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.71	0.28	1
Chlorobenzene	ND		ug/kg	0.71	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.99	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.71	0.24	1
Bromodichloromethane	ND		ug/kg	0.71	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.71	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.71	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.71	0.22	1
Bromoform	ND		ug/kg	5.7	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.71	0.24	1
Benzene	ND		ug/kg	0.71	0.24	1
Toluene	0.85	J	ug/kg	1.4	0.77	1
Ethylbenzene	0.85	J	ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.7	1.3	1
Bromomethane	ND		ug/kg	2.8	0.82	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-18 Date Collected: 06/11/24 12:10

Client ID: B9_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.71	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	4.3		ug/kg	2.8	0.79	1
o-Xylene	0.81	J	ug/kg	1.4	0.41	1
Xylenes, Total	5.1	J	ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.71	0.19	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.8	0.17	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.7	0.92	1
Acrylonitrile	ND		ug/kg	5.7	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-18 Date Collected: 06/11/24 12:10

Client ID: B9_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	50.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.54	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.1	2.0	1
Tentatively Identified Compounds						
Total TIC Compounds	17.5	J	ug/kg			1
Unknown	17.5	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-22
Client ID: B8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/15/24 17:05
Analyst: MKS
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.5	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.75	0.30	1
Chlorobenzene	ND		ug/kg	0.75	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.0	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.39	1
1,1,1-Trichloroethane	ND		ug/kg	0.75	0.25	1
Bromodichloromethane	ND		ug/kg	0.75	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.75	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.75	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.75	0.24	1
Bromoform	ND		ug/kg	6.0	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.75	0.25	1
Benzene	ND		ug/kg	0.75	0.25	1
Toluene	1.1	J	ug/kg	1.5	0.82	1
Ethylbenzene	1.2	J	ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.0	1.4	1
Bromomethane	ND		ug/kg	3.0	0.88	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.68	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.21	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-22 Date Collected: 06/11/24 13:05

Client ID: B8_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.75	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	5.9		ug/kg	3.0	0.84	1
o-Xylene	1.1	J	ug/kg	1.5	0.44	1
Xylenes, Total	7.0	J	ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	3.0	0.36	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.2	1
Carbon disulfide	ND		ug/kg	15	6.8	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.75	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.29	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	6.0	0.98	1
Acrylonitrile	ND		ug/kg	6.0	1.7	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-22 Date Collected: 06/11/24 13:05

Client ID: B8_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.41	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.50	1
1,4-Dioxane	ND		ug/kg	120	53.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.27	1
p-Ethyltoluene	ND		ug/kg	3.0	0.58	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.29	1
Ethyl ether	ND		ug/kg	3.0	0.51	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.5	2.1	1
Tentatively Identified Compounds						
Total TIC Compounds	17.6	J	ug/kg			1
Unknown	17.6	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	100		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-26
Client ID: B7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:45
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/15/24 17:33
Analyst: MKS
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.3	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.39	1
Tetrachloroethene	ND		ug/kg	0.73	0.28	1
Chlorobenzene	ND		ug/kg	0.73	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.8	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.73	0.24	1
Bromodichloromethane	ND		ug/kg	0.73	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.73	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.73	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.73	0.23	1
Bromoform	ND		ug/kg	5.8	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.73	0.24	1
Benzene	ND		ug/kg	0.73	0.24	1
Toluene	1.4		ug/kg	1.4	0.79	1
Ethylbenzene	1.5		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.8	1.4	1
Bromomethane	ND		ug/kg	2.9	0.84	1
Vinyl chloride	ND		ug/kg	1.4	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-26 Date Collected: 06/11/24 13:45

Client ID: B7_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.73	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	7.3		ug/kg	2.9	0.81	1
o-Xylene	1.5		ug/kg	1.4	0.42	1
Xylenes, Total	8.8		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	7.0	1
Carbon disulfide	ND		ug/kg	14	6.6	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.73	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.8	0.94	1
Acrylonitrile	ND		ug/kg	5.8	1.7	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-26 Date Collected: 06/11/24 13:45

Client ID: B7_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.48	1
1,4-Dioxane	ND		ug/kg	120	51.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.3	2.1	1
Tentatively Identified Compounds						
Total TIC Compounds	18.0	J	ug/kg			1
Unknown	18.0	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-30
Client ID: B6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 14:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/15/24 18:00
Analyst: MKS
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.27	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.95	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.4	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.23	1
Benzene	ND		ug/kg	0.68	0.23	1
Toluene	1.3	J	ug/kg	1.4	0.74	1
Ethylbenzene	1.2	J	ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.7	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.19	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-30 Date Collected: 06/11/24 14:20

Client ID: B6_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	6.1		ug/kg	2.7	0.76	1
o-Xylene	1.2	J	ug/kg	1.4	0.40	1
Xylenes, Total	7.3	J	ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-30 Date Collected: 06/11/24 14:20

Client ID: B6_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1
Tentatively Identified Compounds						
Total TIC Compounds	16.2	J	ug/kg			1
Unknown	16.2	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	100		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-33
Client ID: DUP_06112024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:00
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/15/24 18:27
Analyst: MKS
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.67	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	0.90	J	ug/kg	1.3	0.73	1
Ethylbenzene	0.79	J	ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.4	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-33 Date Collected: 06/11/24 12:00

Client ID: DUP_06112024 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	4.4		ug/kg	2.7	0.75	1
o-Xylene	0.78	J	ug/kg	1.3	0.39	1
Xylenes, Total	5.2	J	ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
Vinyl acetate	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.67	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.3	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.15	1
Naphthalene	ND		ug/kg	5.4	0.87	1
Acrylonitrile	ND		ug/kg	5.4	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-33 Date Collected: 06/11/24 12:00

Client ID: DUP_06112024 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	1.9	1
Tentatively Identified Compounds						
Total TIC Compounds	16.2	J	ug/kg			1
Unknown	16.2	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-34
Client ID: FB_06112024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8260D
Analytical Date: 06/15/24 15:01
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-34 Date Collected: 06/11/24 12:40

Client ID: FB_06112024 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-34 Date Collected: 06/11/24 12:40

Client ID: FB_06112024 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-35 Date Collected: 06/11/24 00:00
Client ID: TB_06112024 Date Received: 06/11/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 06/15/24 15:27
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-35 Date Collected: 06/11/24 00:00

Client ID: TB_06112024 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-35 Date Collected: 06/11/24 00:00

Client ID: TB_06112024 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/15/24 10:44
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,33 Batch: WG1935264-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.6		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/15/24 10:44
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,33 Batch: WG1935264-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.24	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/15/24 10:44
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,33 Batch: WG1935264-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	10.8	J	ug/kg
Unknown	10.8	J	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/15/24 10:44
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,33 Batch: WG1935264-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	94		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/15/24 14:35
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 34-35 Batch: WG1935364-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/15/24 14:35
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 34-35 Batch: WG1935364-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/15/24 14:35
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 34-35 Batch: WG1935364-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/15/24 14:35
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 34-35 Batch: WG1935364-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 Batch: WG1935264-3 WG1935264-4								
Methylene chloride	104		97		70-130	7		30
1,1-Dichloroethane	100		98		70-130	2		30
Chloroform	99		95		70-130	4		30
Carbon tetrachloride	94		92		70-130	2		30
1,2-Dichloropropane	99		99		70-130	0		30
Dibromochloromethane	88		86		70-130	2		30
1,1,2-Trichloroethane	100		98		70-130	2		30
Tetrachloroethene	91		87		70-130	4		30
Chlorobenzene	98		94		70-130	4		30
Trichlorofluoromethane	121		109		70-139	10		30
1,2-Dichloroethane	98		99		70-130	1		30
1,1,1-Trichloroethane	101		98		70-130	3		30
Bromodichloromethane	94		93		70-130	1		30
trans-1,3-Dichloropropene	104		104		70-130	0		30
cis-1,3-Dichloropropene	100		99		70-130	1		30
1,1-Dichloropropene	102		99		70-130	3		30
Bromoform	80		79		70-130	1		30
1,1,2,2-Tetrachloroethane	104		102		70-130	2		30
Benzene	101		98		70-130	3		30
Toluene	98		94		70-130	4		30
Ethylbenzene	104		100		70-130	4		30
Chloromethane	93		88		52-130	6		30
Bromomethane	104		95		57-147	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 Batch: WG1935264-3 WG1935264-4								
Vinyl chloride	115		105		67-130	9		30
Chloroethane	130		118		50-151	10		30
1,1-Dichloroethene	114		103		65-135	10		30
trans-1,2-Dichloroethene	128		116		70-130	10		30
Trichloroethene	101		100		70-130	1		30
1,2-Dichlorobenzene	95		92		70-130	3		30
1,3-Dichlorobenzene	99		95		70-130	4		30
1,4-Dichlorobenzene	98		93		70-130	5		30
Methyl tert butyl ether	**145**	Q	**137**	Q	66-130	6		30
p/m-Xylene	99		95		70-130	4		30
o-Xylene	98		93		70-130	5		30
cis-1,2-Dichloroethene	93		90		70-130	3		30
Dibromomethane	93		92		70-130	1		30
Styrene	100		96		70-130	4		30
Dichlorodifluoromethane	78		72		30-146	8		30
Acetone	121		122		54-140	1		30
Carbon disulfide	115		102		59-130	12		30
2-Butanone	92		96		70-130	4		30
Vinyl acetate	111		96		70-130	14		30
4-Methyl-2-pentanone	99		99		70-130	0		30
1,2,3-Trichloropropane	100		103		68-130	3		30
2-Hexanone	102		106		70-130	4		30
Bromochloromethane	83		82		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 Batch: WG1935264-3 WG1935264-4								
2,2-Dichloropropane	106		101		70-130	5		30
1,2-Dibromoethane	96		94		70-130	2		30
1,3-Dichloropropane	102		100		69-130	2		30
1,1,1,2-Tetrachloroethane	94		90		70-130	4		30
Bromobenzene	90		88		70-130	2		30
n-Butylbenzene	116		113		70-130	3		30
sec-Butylbenzene	105		101		70-130	4		30
tert-Butylbenzene	99		96		70-130	3		30
o-Chlorotoluene	107		104		70-130	3		30
p-Chlorotoluene	106		103		70-130	3		30
1,2-Dibromo-3-chloropropane	83		84		68-130	1		30
Hexachlorobutadiene	80		76		67-130	5		30
Isopropylbenzene	104		100		70-130	4		30
p-Isopropyltoluene	102		99		70-130	3		30
Naphthalene	94		95		70-130	1		30
Acrylonitrile	96		98		70-130	2		30
n-Propylbenzene	110		108		70-130	2		30
1,2,3-Trichlorobenzene	89		86		70-130	3		30
1,2,4-Trichlorobenzene	92		90		70-130	2		30
1,3,5-Trimethylbenzene	103		100		70-130	3		30
1,2,4-Trimethylbenzene	105		101		70-130	4		30
1,4-Dioxane	92		99		65-136	7		30
p-Diethylbenzene	105		101		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 Batch: WG1935264-3 WG1935264-4								
p-Ethyltoluene	102		101		70-130	1		30
1,2,4,5-Tetramethylbenzene	101		96		70-130	5		30
Ethyl ether	108		102		67-130	6		30
trans-1,4-Dichloro-2-butene	115		120		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		104		70-130
Toluene-d8	103		101		70-130
4-Bromofluorobenzene	106		105		70-130
Dibromofluoromethane	97		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 34-35 Batch: WG1935364-3 WG1935364-4								
Methylene chloride	98		97		70-130	1		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	98		97		70-130	1		20
Dibromochloromethane	93		92		63-130	1		20
1,1,2-Trichloroethane	100		96		70-130	4		20
Tetrachloroethene	97		96		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	95		96		62-150	1		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	92		90		70-130	2		20
cis-1,3-Dichloropropene	96		97		70-130	1		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	89		85		54-136	5		20
1,1,2,2-Tetrachloroethane	110		100		67-130	10		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	70		70		64-130	0		20
Bromomethane	**27**	Q	**34**	Q	39-139	**23**	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 34-35 Batch: WG1935364-3 WG1935364-4								
Vinyl chloride	95		96		55-140	1		20
Chloroethane	99		100		55-138	1		20
1,1-Dichloroethene	91		91		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	96		99		70-130	3		20
1,2-Dichlorobenzene	96		97		70-130	1		20
1,3-Dichlorobenzene	98		98		70-130	0		20
1,4-Dichlorobenzene	97		96		70-130	1		20
Methyl tert butyl ether	91		88		63-130	3		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	92		89		64-130	3		20
Acrylonitrile	90		86		70-130	5		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	76		75		36-147	1		20
Acetone	78		77		58-148	1		20
Carbon disulfide	94		94		51-130	0		20
2-Butanone	94		92		63-138	2		20
Vinyl acetate	**150**	Q	130		70-130	14		20
4-Methyl-2-pentanone	76		73		59-130	4		20
2-Hexanone	75		71		57-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 34-35 Batch: WG1935364-3 WG1935364-4								
Bromochloromethane	110		100		70-130	10		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	97		93		70-130	4		20
1,3-Dichloropropane	98		95		70-130	3		20
1,1,1,2-Tetrachloroethane	99		98		64-130	1		20
Bromobenzene	98		98		70-130	0		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	82		82		41-144	0		20
Hexachlorobutadiene	91		92		63-130	1		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	98		99		70-130	1		20
Naphthalene	74		74		70-130	0		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	76		78		70-130	3		20
1,2,4-Trichlorobenzene	80		81		70-130	1		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	122		146		56-162	18		20
p-Diethylbenzene	95		97		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 34-35 Batch: WG1935364-3 WG1935364-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	86		87		70-130	1		20
Ethyl ether	93		92		59-134	1		20
trans-1,4-Dichloro-2-butene	84		78		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		99		70-130
Toluene-d8	100		98		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	103		103		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 QC Batch ID: WG1935264-6 WG1935264-7 QC Sample: L2432791-22 Client ID: B8_0.2-2												
Methylene chloride	ND	163	140	86		110	79		70-130	26		30
1,1-Dichloroethane	ND	163	160	96		120	88		70-130	26		30
Chloroform	ND	163	140	86		110	79		70-130	26		30
Carbon tetrachloride	ND	163	150	91		110	79		70-130	**32**	Q	30
1,2-Dichloropropane	ND	163	130	82		110	77		70-130	24		30
Dibromochloromethane	ND	163	98	**60**	Q	78	**57**	Q	70-130	23		30
1,1,2-Trichloroethane	ND	163	120	74		97	71		70-130	21		30
Tetrachloroethene	ND	163	100	**62**	Q	71	**52**	Q	70-130	**35**	Q	30
Chlorobenzene	ND	163	90	**55**	Q	68	**49**	Q	70-130	29		30
Trichlorofluoromethane	ND	163	190	118		140	105		70-139	29		30
1,2-Dichloroethane	ND	163	130	79		100	75		70-130	22		30
1,1,1-Trichloroethane	ND	163	160	99		120	88		70-130	30		30
Bromodichloromethane	ND	163	120	72		95	70		70-130	21		30
trans-1,3-Dichloropropene	ND	163	110	**64**	Q	81	**59**	Q	70-130	26		30
cis-1,3-Dichloropropene	ND	163	97	**60**	Q	73	**53**	Q	70-130	29		30
1,1-Dichloropropene	ND	163	150	91		110	79		70-130	**31**	Q	30
Bromoform	ND	163	83	**51**	Q	68	**49**	Q	70-130	20		30
1,1,2,2-Tetrachloroethane	ND	163	110	**67**	Q	93	**68**	Q	70-130	17		30
Benzene	ND	163	140	84		110	78		70-130	25		30
Toluene	1.1J	163	120	71		88	**64**	Q	70-130	28		30
Ethylbenzene	1.2J	163	110	**64**	Q	76	**56**	Q	70-130	**32**	Q	30
Chloromethane	ND	163	140	88		120	84		52-130	22		30
Bromomethane	ND	163	130	80		97	71		57-147	29		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 QC Batch ID: WG1935264-6 WG1935264-7 QC Sample: L2432791-22 Client ID: B8_0.2-2												
Vinyl chloride	ND	163	190	114		140	105		67-130	25		30
Chloroethane	ND	163	190	118		150	110		50-151	25		30
1,1-Dichloroethene	ND	163	170	105		130	94		65-135	29		30
trans-1,2-Dichloroethene	ND	163	170	104		130	92		70-130	29		30
Trichloroethene	ND	163	130	80		95	**69**	Q	70-130	**32**	Q	30
1,2-Dichlorobenzene	ND	163	60	**36**	Q	44	**32**	Q	70-130	**31**	Q	30
1,3-Dichlorobenzene	ND	163	62	**38**	Q	43	**32**	Q	70-130	**35**	Q	30
1,4-Dichlorobenzene	ND	163	59	**36**	Q	42	**30**	Q	70-130	**34**	Q	30
Methyl tert butyl ether	ND	163	190	116		150	107		66-130	25		30
p/m-Xylene	5.9	326	200	**59**	Q	140	**50**	Q	70-130	**33**	Q	30
o-Xylene	1.1J	326	190	**57**	Q	140	**50**	Q	70-130	**31**	Q	30
cis-1,2-Dichloroethene	ND	163	130	77		97	71		70-130	25		30
Dibromomethane	ND	163	120	72		94	**69**	Q	70-130	23		30
Styrene	ND	326	160	**49**	Q	110	**41**	Q	70-130	**35**	Q	30
Dichlorodifluoromethane	ND	163	130	80		100	74		30-146	25		30
Acetone	ND	163	150	89		120	85		54-140	23		30
Carbon disulfide	ND	163	150	94		110	81		59-130	**32**	Q	30
2-Butanone	ND	163	110	**65**	Q	84	**62**	Q	70-130	23		30
Vinyl acetate	ND	163	27	**16**	Q	21	**15**	Q	70-130	27		30
4-Methyl-2-pentanone	ND	163	91	**56**	Q	60	**44**	Q	70-130	**40**	Q	30
1,2,3-Trichloropropane	ND	163	110	70		92	**67**	Q	68-130	22		30
2-Hexanone	ND	163	51	**31**	Q	28	**20**	Q	70-130	**58**	Q	30
Bromochloromethane	ND	163	110	**69**	Q	87	**63**	Q	70-130	25		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 QC Batch ID: WG1935264-6 WG1935264-7 QC Sample: L2432791-22 Client ID: B8_0.2-2												
2,2-Dichloropropane	ND	163	170	102		120	88		70-130	**31**	Q	30
1,2-Dibromoethane	ND	163	100	**62**	Q	82	**60**	Q	70-130	21		30
1,3-Dichloropropane	ND	163	120	73		95	69		69-130	23		30
1,1,1,2-Tetrachloroethane	ND	163	100	**63**	Q	80	**58**	Q	70-130	26		30
Bromobenzene	ND	163	71	**44**	Q	56	**41**	Q	70-130	24		30
n-Butylbenzene	ND	163	76	**46**	Q	41	**30**	Q	70-130	**59**	Q	30
sec-Butylbenzene	ND	163	88	**54**	Q	53	**39**	Q	70-130	**50**	Q	30
tert-Butylbenzene	ND	163	89	**54**	Q	57	**42**	Q	70-130	**44**	Q	30
o-Chlorotoluene	ND	163	86	**53**	Q	60	**44**	Q	70-130	**35**	Q	30
p-Chlorotoluene	ND	163	75	**46**	Q	54	**39**	Q	70-130	**34**	Q	30
1,2-Dibromo-3-chloropropane	ND	163	80	**49**	Q	63	**46**	Q	68-130	23		30
Hexachlorobutadiene	ND	163	45	**28**	Q	20	**15**	Q	67-130	**76**	Q	30
Isopropylbenzene	ND	163	99	**61**	Q	68	**49**	Q	70-130	**38**	Q	30
p-Isopropyltoluene	ND	163	74	**45**	Q	45	**33**	Q	70-130	**50**	Q	30
Naphthalene	ND	163	44	**27**	Q	34	**25**	Q	70-130	25		30
Acrylonitrile	ND	163	72	**44**	Q	63	**46**	Q	70-130	14		30
n-Propylbenzene	ND	163	92	**57**	Q	61	**44**	Q	70-130	**41**	Q	30
1,2,3-Trichlorobenzene	ND	163	34	**21**	Q	23	**16**	Q	70-130	**40**	Q	30
1,2,4-Trichlorobenzene	ND	163	36	**22**	Q	24	**18**	Q	70-130	**40**	Q	30
1,3,5-Trimethylbenzene	ND	163	84	**52**	Q	57	**41**	Q	70-130	**39**	Q	30
1,2,4-Trimethylbenzene	ND	163	77	**47**	Q	53	**39**	Q	70-130	**36**	Q	30
1,4-Dioxane	ND	8160	7200	88		6300	92		65-136	13		30
p-Diethylbenzene	ND	163	65	**40**	Q	38	**28**	Q	70-130	**52**	Q	30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 QC Batch ID: WG1935264-6 WG1935264-7 QC Sample: L2432791-22 Client ID: B8_0.2-2												
p-Ethyltoluene	ND	163	81	**50**	Q	54	**39**	Q	70-130	**40**	Q	30
1,2,4,5-Tetramethylbenzene	ND	163	54	**33**	Q	34	**25**	Q	70-130	**44**	Q	30
Ethyl ether	ND	163	140	87		110	81		67-130	25		30
trans-1,4-Dichloro-2-butene	ND	163	76	**47**	Q	55	**40**	Q	70-130	**32**	Q	30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		113		70-130
4-Bromofluorobenzene	106		109		70-130
Dibromofluoromethane	96		97		70-130
Toluene-d8	103		102		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-02
Client ID: B13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/18/24 11:17
Analyst: SZ
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	40.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	39.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	75.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-02 Date Collected: 06/11/24 09:05

Client ID: B13_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	29.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	73.	1
2-Nitrophenol	ND		ug/kg	480	83.	1
4-Nitrophenol	ND		ug/kg	310	90.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-02 Date Collected: 06/11/24 09:05

Client ID: B13_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	720	220	1
Benzyl Alcohol	ND		ug/kg	220	68.	1
Carbazole	ND		ug/kg	220	22.	1
1,4-Dioxane	ND		ug/kg	33	10.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	65		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-06
Client ID: B12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:45
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/17/24 17:16
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 17:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	310		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-06 Date Collected: 06/11/24 09:45

Client ID: B12_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	130		ug/kg	110	21.	1
Benzo(a)pyrene	120	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	170		ug/kg	110	31.	1
Benzo(k)fluoranthene	51	J	ug/kg	110	30.	1
Chrysene	120		ug/kg	110	19.	1
Acenaphthylene	65	J	ug/kg	150	29.	1
Anthracene	37	J	ug/kg	110	36.	1
Benzo(ghi)perylene	69	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	130		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	72	J	ug/kg	150	26.	1
Pyrene	240		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-06 Date Collected: 06/11/24 09:45

Client ID: B12_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
Total TIC Compounds	534	J	ug/kg			1
Unknown	182	J	ug/kg			1
Unknown	167	J	ug/kg			1
Unknown Amide	185	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	77		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-10
Client ID: B11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 10:35
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/18/24 11:42
Analyst: SZ
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	55.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-10 Date Collected: 06/11/24 10:35

Client ID: B11_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	22.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	31.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-10 Date Collected: 06/11/24 10:35

Client ID: B11_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	200	63.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1
Tentatively Identified Compounds						
Total TIC Compounds	414	J	ug/kg			1
Unknown Organic Acid	242	J	ug/kg			1
Unknown	172	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	56		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-14
Client ID: B10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 11:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/17/24 17:39
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-14 Date Collected: 06/11/24 11:05

Client ID: B10_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-14 Date Collected: 06/11/24 11:05

Client ID: B10_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	75		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-18
Client ID: B9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/18/24 12:06
Analyst: SZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	350		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-18 Date Collected: 06/11/24 12:10

Client ID: B9_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-18 Date Collected: 06/11/24 12:10

Client ID: B9_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	56		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-22
Client ID: B8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/17/24 18:03
Analyst: IM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-22 Date Collected: 06/11/24 13:05

Client ID: B8_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-22 Date Collected: 06/11/24 13:05

Client ID: B8_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
Total TIC Compounds	4450	J	ug/kg			1
Unknown	660	J	ug/kg			1
Unknown	182	J	ug/kg			1
Unknown Organic Acid	502	J	ug/kg			1
Unknown Alcohol	815	J	ug/kg			1
Unknown	816	J	ug/kg			1
Unknown	169	J	ug/kg			1
Unknown	264	J	ug/kg			1
Unknown	187	J	ug/kg			1
Unknown Organic Acid	688	J	ug/kg			1
Unknown	163	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	73		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-26
Client ID: B7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:45
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/18/24 12:31
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-26 Date Collected: 06/11/24 13:45

Client ID: B7_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-26 Date Collected: 06/11/24 13:45

Client ID: B7_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	60		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-30
Client ID: B6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 14:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/18/24 14:20
Analyst: SZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-30 Date Collected: 06/11/24 14:20

Client ID: B6_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-30 Date Collected: 06/11/24 14:20

Client ID: B6_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	72		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-33
Client ID: DUP_06112024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:00
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/17/24 19:15
Analyst: IM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-33 Date Collected: 06/11/24 12:00

Client ID: DUP_06112024 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-33 Date Collected: 06/11/24 12:00

Client ID: DUP_06112024 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	70		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-34
Client ID: FB_06112024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E
Analytical Date: 06/17/24 16:15
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 08:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-34 Date Collected: 06/11/24 12:40

Client ID: FB_06112024 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	5.60	J	ug/l			1
Unknown	5.60	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	46		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	58		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-34
Client ID: FB_06112024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 06/14/24 18:55
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 06/13/24 15:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	147	33.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	43		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-34
Client ID: FB_06112024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 06/17/24 14:20
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 08:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-34 Date Collected: 06/11/24 12:40

Client ID: FB_06112024 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	69		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/14/24 10:57
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 06/13/24 15:45

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 34 Batch: WG1934036-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	32		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/17/24 09:57
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 08:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 34 Batch: WG1934773-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/17/24 09:57
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 08:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 34 Batch: WG1934773-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/17/24 09:57
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 08:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 34 Batch: WG1934773-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	17.9	J	ug/l
Unknown	4.20	J	ug/l
Unknown	7.40	J	ug/l
Unknown Organic Acid	6.30	J	ug/l

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/17/24 09:57
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 08:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 34 Batch: WG1934773-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	77		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/17/24 09:42
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 08:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 34 Batch: WG1934774-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/17/24 09:42
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 08:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 34 Batch: WG1934774-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	100		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/17/24 16:04
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,33 Batch: WG1935010-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/17/24 16:04
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,33 Batch: WG1935010-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/17/24 16:04
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,33 Batch: WG1935010-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	80		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 34 Batch: WG1934036-2 WG1934036-3								
1,4-Dioxane	115		115		40-140	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	30		32		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 34 Batch: WG1934773-2 WG1934773-3								
Acenaphthene	73		69		37-111	6		30
1,2,4-Trichlorobenzene	59		53		39-98	11		30
Hexachlorobenzene	71		71		40-140	0		30
Bis(2-chloroethyl)ether	74		73		40-140	1		30
2-Chloronaphthalene	60		59		40-140	2		30
1,2-Dichlorobenzene	63		58		40-140	8		30
1,3-Dichlorobenzene	62		58		40-140	7		30
1,4-Dichlorobenzene	58		56		36-97	4		30
3,3'-Dichlorobenzidine	84		88		40-140	5		30
2,4-Dinitrotoluene	87		84		48-143	4		30
2,6-Dinitrotoluene	87		84		40-140	4		30
Fluoranthene	81		80		40-140	1		30
4-Chlorophenyl phenyl ether	70		68		40-140	3		30
4-Bromophenyl phenyl ether	73		71		40-140	3		30
Bis(2-chloroisopropyl)ether	68		63		40-140	8		30
Bis(2-chloroethoxy)methane	80		75		40-140	6		30
Hexachlorobutadiene	52		46		40-140	12		30
Hexachlorocyclopentadiene	43		43		40-140	0		30
Hexachloroethane	56		52		40-140	7		30
Isophorone	76		75		40-140	1		30
Naphthalene	64		63		40-140	2		30
Nitrobenzene	72		70		40-140	3		30
NDPA/DPA	69		77		40-140	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 34 Batch: WG1934773-2 WG1934773-3								
n-Nitrosodi-n-propylamine	76		70		29-132	8		30
Bis(2-ethylhexyl)phthalate	116		115		40-140	1		30
Butyl benzyl phthalate	107		106		40-140	1		30
Di-n-butylphthalate	98		98		40-140	0		30
Di-n-octylphthalate	120		116		40-140	3		30
Diethyl phthalate	92		88		40-140	4		30
Dimethyl phthalate	81		78		40-140	4		30
Benzo(a)anthracene	87		84		40-140	4		30
Benzo(a)pyrene	87		85		40-140	2		30
Benzo(b)fluoranthene	82		81		40-140	1		30
Benzo(k)fluoranthene	85		83		40-140	2		30
Chrysene	78		75		40-140	4		30
Acenaphthylene	70		67		45-123	4		30
Anthracene	76		75		40-140	1		30
Benzo(ghi)perylene	85		83		40-140	2		30
Fluorene	72		70		40-140	3		30
Phenanthrene	76		73		40-140	4		30
Dibenzo(a,h)anthracene	85		82		40-140	4		30
Indeno(1,2,3-cd)pyrene	85		82		40-140	4		30
Pyrene	83		81		26-127	2		30
Biphenyl	65		61		40-140	6		30
4-Chloroaniline	65		63		40-140	3		30
2-Nitroaniline	88		83		52-143	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 34 Batch: WG1934773-2 WG1934773-3								
3-Nitroaniline	92		86		25-145	7		30
4-Nitroaniline	93		88		51-143	6		30
Dibenzofuran	71		67		40-140	6		30
2-Methylnaphthalene	62		59		40-140	5		30
1,2,4,5-Tetrachlorobenzene	52		50		2-134	4		30
Acetophenone	78		73		39-129	7		30
2,4,6-Trichlorophenol	44		76		30-130	**53**	Q	30
p-Chloro-m-cresol	78		78		23-97	0		30
2-Chlorophenol	58		72		27-123	22		30
2,4-Dichlorophenol	54		74		30-130	**31**	Q	30
2,4-Dimethylphenol	46		66		30-130	**36**	Q	30
2-Nitrophenol	55		76		30-130	**32**	Q	30
4-Nitrophenol	37		50		10-80	30		30
2,4-Dinitrophenol	50		54		20-130	8		30
4,6-Dinitro-o-cresol	50		71		20-164	**35**	Q	30
Pentachlorophenol	42		63		9-103	**40**	Q	30
Phenol	44		47		12-110	7		30
2-Methylphenol	73		72		30-130	1		30
3-Methylphenol/4-Methylphenol	68		69		30-130	1		30
2,4,5-Trichlorophenol	44		73		30-130	**50**	Q	30
Benzoic Acid	**0**	Q	**0**	Q	10-164	NC		30
Benzyl Alcohol	76		69		26-116	10		30
Carbazole	83		82		55-144	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 34 Batch: WG1934773-2 WG1934773-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	34		54		21-120
Phenol-d6	43		47		10-120
Nitrobenzene-d5	74		72		23-120
2-Fluorobiphenyl	66		65		15-120
2,4,6-Tribromophenol	47		78		10-120
4-Terphenyl-d14	76		76		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 34 Batch: WG1934774-2 WG1934774-3								
Acenaphthene	73		70		40-140	4		40
2-Chloronaphthalene	67		64		40-140	5		40
Fluoranthene	93		88		40-140	6		40
Hexachlorobutadiene	51		49		40-140	4		40
Naphthalene	62		59		40-140	5		40
Benzo(a)anthracene	83		81		40-140	2		40
Benzo(a)pyrene	95		92		40-140	3		40
Benzo(b)fluoranthene	91		87		40-140	4		40
Benzo(k)fluoranthene	90		88		40-140	2		40
Chrysene	83		77		40-140	8		40
Acenaphthylene	79		75		40-140	5		40
Anthracene	82		79		40-140	4		40
Benzo(ghi)perylene	92		89		40-140	3		40
Fluorene	81		76		40-140	6		40
Phenanthrene	81		76		40-140	6		40
Dibenzo(a,h)anthracene	99		98		40-140	1		40
Indeno(1,2,3-cd)pyrene	102		98		40-140	4		40
Pyrene	92		89		40-140	3		40
2-Methylnaphthalene	65		62		40-140	5		40
Pentachlorophenol	40		61		40-140	**42**	Q	40
Hexachlorobenzene	77		73		40-140	5		40
Hexachloroethane	54		52		40-140	4		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 34 Batch: WG1934774-2 WG1934774-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	34		53		21-120
Phenol-d6	39		44		10-120
Nitrobenzene-d5	81		77		23-120
2-Fluorobiphenyl	73		69		15-120
2,4,6-Tribromophenol	49		81		10-120
4-Terphenyl-d14	90		85		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 Batch: WG1935010-2 WG1935010-3								
Acenaphthene	72		76		31-137	5		50
1,2,4-Trichlorobenzene	75		73		38-107	3		50
Hexachlorobenzene	67		65		40-140	3		50
Bis(2-chloroethyl)ether	72		74		40-140	3		50
2-Chloronaphthalene	78		74		40-140	5		50
1,2-Dichlorobenzene	68		70		40-140	3		50
1,3-Dichlorobenzene	63		68		40-140	8		50
1,4-Dichlorobenzene	65		69		28-104	6		50
3,3'-Dichlorobenzidine	79		79		40-140	0		50
2,4-Dinitrotoluene	83		83		40-132	0		50
2,6-Dinitrotoluene	83		80		40-140	4		50
Fluoranthene	86		88		40-140	2		50
4-Chlorophenyl phenyl ether	80		82		40-140	2		50
4-Bromophenyl phenyl ether	76		77		40-140	1		50
Bis(2-chloroisopropyl)ether	109		112		40-140	3		50
Bis(2-chloroethoxy)methane	77		74		40-117	4		50
Hexachlorobutadiene	79		86		40-140	8		50
Hexachlorocyclopentadiene	66		65		40-140	2		50
Hexachloroethane	68		72		40-140	6		50
Isophorone	81		78		40-140	4		50
Naphthalene	68		71		40-140	4		50
Nitrobenzene	82		80		40-140	2		50
NDPA/DPA	77		77		36-157	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 Batch: WG1935010-2 WG1935010-3								
n-Nitrosodi-n-propylamine	84		84		32-121	0		50
Bis(2-ethylhexyl)phthalate	65		68		40-140	5		50
Butyl benzyl phthalate	86		85		40-140	1		50
Di-n-butylphthalate	85		89		40-140	5		50
Di-n-octylphthalate	69		71		40-140	3		50
Diethyl phthalate	77		77		40-140	0		50
Dimethyl phthalate	84		79		40-140	6		50
Benzo(a)anthracene	78		82		40-140	5		50
Benzo(a)pyrene	78		82		40-140	5		50
Benzo(b)fluoranthene	74		74		40-140	0		50
Benzo(k)fluoranthene	72		77		40-140	7		50
Chrysene	73		78		40-140	7		50
Acenaphthylene	82		79		40-140	4		50
Anthracene	76		80		40-140	5		50
Benzo(ghi)perylene	76		83		40-140	9		50
Fluorene	77		79		40-140	3		50
Phenanthrene	72		77		40-140	7		50
Dibenzo(a,h)anthracene	82		88		40-140	7		50
Indeno(1,2,3-cd)pyrene	78		84		40-140	7		50
Pyrene	85		88		35-142	3		50
Biphenyl	70		68		37-127	3		50
4-Chloroaniline	78		76		40-140	3		50
2-Nitroaniline	80		76		47-134	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 Batch: WG1935010-2 WG1935010-3								
3-Nitroaniline	70		71		26-129	1		50
4-Nitroaniline	80		80		41-125	0		50
Dibenzofuran	73		77		40-140	5		50
2-Methylnaphthalene	76		76		40-140	0		50
1,2,4,5-Tetrachlorobenzene	73		73		40-117	0		50
Acetophenone	74		72		14-144	3		50
2,4,6-Trichlorophenol	88		84		30-130	5		50
p-Chloro-m-cresol	87		83		26-103	5		50
2-Chlorophenol	74		74		25-102	0		50
2,4-Dichlorophenol	82		77		30-130	6		50
2,4-Dimethylphenol	78		75		30-130	4		50
2-Nitrophenol	74		73		30-130	1		50
4-Nitrophenol	99		99		11-114	0		50
2,4-Dinitrophenol	58		58		4-130	0		50
4,6-Dinitro-o-cresol	72		72		10-130	0		50
Pentachlorophenol	76		70		17-109	8		50
Phenol	79		77		26-90	3		50
2-Methylphenol	80		79		30-130.	1		50
3-Methylphenol/4-Methylphenol	80		76		30-130	5		50
2,4,5-Trichlorophenol	90		86		30-130	5		50
Benzoic Acid	49		51		10-110	4		50
Benzyl Alcohol	87		83		40-140	5		50
Carbazole	77		81		54-128	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 Batch: WG1935010-2 WG1935010-3								
1,4-Dioxane	40		50		40-140	22		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		79		25-120
Phenol-d6	83		81		10-120
Nitrobenzene-d5	83		80		23-120
2-Fluorobiphenyl	80		78		30-120
2,4,6-Tribromophenol	65		63		10-136
4-Terphenyl-d14	83		84		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 QC Batch ID: WG1935010-4 WG1935010-5 QC Sample: L2432791-22 Client ID: B8_0.2-2												
Acenaphthene	ND	1560	1100	70		1100	70		31-137	0		50
1,2,4-Trichlorobenzene	ND	1560	1000	64		1100	70		38-107	10		50
Hexachlorobenzene	ND	1560	890	57		920	59		40-140	3		50
Bis(2-chloroethyl)ether	ND	1560	1100	70		1100	70		40-140	0		50
2-Chloronaphthalene	ND	1560	1100	70		1100	70		40-140	0		50
1,2-Dichlorobenzene	ND	1560	1000	64		980	63		40-140	2		50
1,3-Dichlorobenzene	ND	1560	960	61		960	61		40-140	0		50
1,4-Dichlorobenzene	ND	1560	990	63		960	61		28-104	3		50
3,3'-Dichlorobenzidine	ND	1560	780	50		790	51		40-140	1		50
2,4-Dinitrotoluene	ND	1560	1200	77		1200	77		40-132	0		50
2,6-Dinitrotoluene	ND	1560	1200	77		1100	70		40-140	9		50
Fluoranthene	ND	1560	1200	77		1200	77		40-140	0		50
4-Chlorophenyl phenyl ether	ND	1560	1100	70		1200	77		40-140	9		50
4-Bromophenyl phenyl ether	ND	1560	1000	64		1100	70		40-140	10		50
Bis(2-chloroisopropyl)ether	ND	1560	1600	100		1700	110		40-140	6		50
Bis(2-chloroethoxy)methane	ND	1560	1100	70		1100	70		40-117	0		50
Hexachlorobutadiene	ND	1560	1200	77		1200	77		40-140	0		50
Hexachlorocyclopentadiene	ND	1560	850	54		830	53		40-140	2		50
Hexachloroethane	ND	1560	1000	64		1000	64		40-140	0		50
Isophorone	ND	1560	1200	77		1100	70		40-140	9		50
Naphthalene	ND	1560	1000	64		1000	64		40-140	0		50
Nitrobenzene	ND	1560	1200	77		1200	77		40-140	0		50
NDPA/DPA	ND	1560	1100	70		1100	70		36-157	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 QC Batch ID: WG1935010-4 WG1935010-5 QC Sample: L2432791-22 Client ID: B8_0.2-2												
n-Nitrosodi-n-propylamine	ND	1560	1200	77		1200	77		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1560	940	60		950	61		40-140	1		50
Butyl benzyl phthalate	ND	1560	1200	77		1200	77		40-140	0		50
Di-n-butylphthalate	ND	1560	1200	77		1200	77		40-140	0		50
Di-n-octylphthalate	ND	1560	990	63		1000	64		40-140	1		50
Diethyl phthalate	ND	1560	1100	70		1100	70		40-140	0		50
Dimethyl phthalate	ND	1560	1200	77		1200	77		40-140	0		50
Benzo(a)anthracene	ND	1560	1100	70		1100	70		40-140	0		50
Benzo(a)pyrene	ND	1560	1100	70		1100	70		40-140	0		50
Benzo(b)fluoranthene	ND	1560	1000	64		1000	64		40-140	0		50
Benzo(k)fluoranthene	ND	1560	1000	64		1000	64		40-140	0		50
Chrysene	ND	1560	1000	64		1000	64		40-140	0		50
Acenaphthylene	ND	1560	1100	70		1100	70		40-140	0		50
Anthracene	ND	1560	1100	70		1100	70		40-140	0		50
Benzo(ghi)perylene	ND	1560	1000	64		1000	64		40-140	0		50
Fluorene	ND	1560	1100	70		1100	70		40-140	0		50
Phenanthrene	ND	1560	1100	70		1100	70		40-140	0		50
Dibenzo(a,h)anthracene	ND	1560	1100	70		1100	70		40-140	0		50
Indeno(1,2,3-cd)pyrene	ND	1560	1100	70		1100	70		40-140	0		50
Pyrene	ND	1560	1200	77		1200	77		35-142	0		50
Biphenyl	ND	1560	970	62		980	63		37-127	1		50
4-Chloroaniline	ND	1560	1000	64		1000	64		40-140	0		50
2-Nitroaniline	ND	1560	1100	70		1100	70		47-134	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 QC Batch ID: WG1935010-4 WG1935010-5 QC Sample: L2432791-22 Client ID: B8_0.2-2												
3-Nitroaniline	ND	1560	960	61		1000	64		26-129	4		50
4-Nitroaniline	ND	1560	1100	70		1100	70		41-125	0		50
Dibenzofuran	ND	1560	1100	70		1100	70		40-140	0		50
2-Methylnaphthalene	ND	1560	1100	70		1100	70		40-140	0		50
1,2,4,5-Tetrachlorobenzene	ND	1560	1000	64		1000	64		40-117	0		50
Acetophenone	ND	1560	1000	64		1100	70		14-144	10		50
2,4,6-Trichlorophenol	ND	1560	1200	77		1200	77		30-130	0		50
p-Chloro-m-cresol	ND	1560	1200	77		1200	77		26-103	0		50
2-Chlorophenol	ND	1560	1100	70		1100	70		25-102	0		50
2,4-Dichlorophenol	ND	1560	1100	70		1200	77		30-130	9		50
2,4-Dimethylphenol	ND	1560	970	62		990	63		30-130	2		50
2-Nitrophenol	ND	1560	1000	64		1100	70		30-130	10		50
4-Nitrophenol	ND	1560	1500	96		1500	96		11-114	0		50
2,4-Dinitrophenol	ND	1560	970	62		970	62		4-130	0		50
4,6-Dinitro-o-cresol	ND	1560	1000	64		1000	64		10-130	0		50
Pentachlorophenol	ND	1560	1100	70		1200	77		17-109	9		50
Phenol	ND	1560	1100	70		1100	70		26-90	0		50
2-Methylphenol	ND	1560	1100	70		1100	70		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1560	1100	70		1000	64		30-130	10		50
2,4,5-Trichlorophenol	ND	1560	1300	83		1300	83		30-130	0		50
Benzoic Acid	ND	1560	1100	70		1000	64		10-110	10		50
Benzyl Alcohol	ND	1560	1200	77		1200	77		40-140	0		50
Carbazole	ND	1560	1200	77		1100	70		54-128	9		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,33 QC Batch ID: WG1935010-4 WG1935010-5 QC Sample: L2432791-22 Client ID: B8_0.2-2												
1,4-Dioxane	ND	1560	680	44		640	41		40-140	6		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	57		57		10-136
2-Fluorobiphenyl	69		69		30-120
2-Fluorophenol	70		70		25-120
4-Terphenyl-d14	68		66		18-120
Nitrobenzene-d5	75		76		23-120
Phenol-d6	73		74		10-120

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-02
Client ID: B13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 09:39
Analyst: MEO
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 08:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	65.3	5.80	1	A
Aroclor 1221	ND		ug/kg	65.3	6.54	1	A
Aroclor 1232	ND		ug/kg	65.3	13.8	1	A
Aroclor 1242	ND		ug/kg	65.3	8.80	1	A
Aroclor 1248	ND		ug/kg	65.3	9.79	1	A
Aroclor 1254	ND		ug/kg	65.3	7.14	1	A
Aroclor 1260	ND		ug/kg	65.3	12.1	1	A
Aroclor 1262	ND		ug/kg	65.3	8.29	1	A
Aroclor 1268	ND		ug/kg	65.3	6.76	1	A
PCBs, Total	ND		ug/kg	65.3	5.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-06
Client ID: B12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:45
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 09:47
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 08:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.5	4.84	1	A
Aroclor 1221	ND		ug/kg	54.5	5.46	1	A
Aroclor 1232	ND		ug/kg	54.5	11.5	1	A
Aroclor 1242	ND		ug/kg	54.5	7.34	1	A
Aroclor 1248	ND		ug/kg	54.5	8.17	1	A
Aroclor 1254	ND		ug/kg	54.5	5.96	1	A
Aroclor 1260	ND		ug/kg	54.5	10.1	1	A
Aroclor 1262	ND		ug/kg	54.5	6.92	1	A
Aroclor 1268	ND		ug/kg	54.5	5.64	1	A
PCBs, Total	ND		ug/kg	54.5	4.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-10
Client ID: B11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 10:35
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 09:54
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 08:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.0	5.15	1	A
Aroclor 1221	ND		ug/kg	58.0	5.81	1	A
Aroclor 1232	ND		ug/kg	58.0	12.3	1	A
Aroclor 1242	ND		ug/kg	58.0	7.82	1	A
Aroclor 1248	ND		ug/kg	58.0	8.70	1	A
Aroclor 1254	ND		ug/kg	58.0	6.34	1	A
Aroclor 1260	ND		ug/kg	58.0	10.7	1	A
Aroclor 1262	ND		ug/kg	58.0	7.36	1	A
Aroclor 1268	ND		ug/kg	58.0	6.01	1	A
PCBs, Total	ND		ug/kg	58.0	5.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-14
Client ID: B10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 11:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 10:02
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 08:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.6	4.67	1	A
Aroclor 1221	ND		ug/kg	52.6	5.27	1	A
Aroclor 1232	ND		ug/kg	52.6	11.2	1	A
Aroclor 1242	ND		ug/kg	52.6	7.09	1	A
Aroclor 1248	ND		ug/kg	52.6	7.89	1	A
Aroclor 1254	ND		ug/kg	52.6	5.75	1	A
Aroclor 1260	ND		ug/kg	52.6	9.72	1	A
Aroclor 1262	ND		ug/kg	52.6	6.68	1	A
Aroclor 1268	ND		ug/kg	52.6	5.45	1	A
PCBs, Total	ND		ug/kg	52.6	4.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-18
Client ID: B9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 10:09
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 08:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.9	5.14	1	A
Aroclor 1221	ND		ug/kg	57.9	5.81	1	A
Aroclor 1232	ND		ug/kg	57.9	12.3	1	A
Aroclor 1242	ND		ug/kg	57.9	7.81	1	A
Aroclor 1248	ND		ug/kg	57.9	8.69	1	A
Aroclor 1254	ND		ug/kg	57.9	6.34	1	A
Aroclor 1260	ND		ug/kg	57.9	10.7	1	A
Aroclor 1262	ND		ug/kg	57.9	7.36	1	A
Aroclor 1268	ND		ug/kg	57.9	6.00	1	A
PCBs, Total	ND		ug/kg	57.9	5.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-22
Client ID: B8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 22:30
Analyst: MEO
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/17/24 14:01
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.5	5.11	1	A
Aroclor 1221	ND		ug/kg	57.5	5.76	1	A
Aroclor 1232	ND		ug/kg	57.5	12.2	1	A
Aroclor 1242	ND		ug/kg	57.5	7.76	1	A
Aroclor 1248	ND		ug/kg	57.5	8.63	1	A
Aroclor 1254	ND		ug/kg	57.5	6.29	1	A
Aroclor 1260	ND		ug/kg	57.5	10.6	1	A
Aroclor 1262	ND		ug/kg	57.5	7.31	1	A
Aroclor 1268	ND		ug/kg	57.5	5.96	1	A
PCBs, Total	ND		ug/kg	57.5	5.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-26
Client ID: B7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:45
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 10:17
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 08:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.8	4.78	1	A
Aroclor 1221	ND		ug/kg	53.8	5.39	1	A
Aroclor 1232	ND		ug/kg	53.8	11.4	1	A
Aroclor 1242	ND		ug/kg	53.8	7.26	1	A
Aroclor 1248	ND		ug/kg	53.8	8.08	1	A
Aroclor 1254	ND		ug/kg	53.8	5.89	1	A
Aroclor 1260	ND		ug/kg	53.8	9.95	1	A
Aroclor 1262	ND		ug/kg	53.8	6.84	1	A
Aroclor 1268	ND		ug/kg	53.8	5.58	1	A
PCBs, Total	ND		ug/kg	53.8	4.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	38		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	35		30-150	B
Decachlorobiphenyl	39		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-30
Client ID: B6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 14:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 10:24
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 08:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.9	4.96	1	A
Aroclor 1221	ND		ug/kg	55.9	5.60	1	A
Aroclor 1232	ND		ug/kg	55.9	11.8	1	A
Aroclor 1242	ND		ug/kg	55.9	7.53	1	A
Aroclor 1248	ND		ug/kg	55.9	8.38	1	A
Aroclor 1254	ND		ug/kg	55.9	6.11	1	A
Aroclor 1260	ND		ug/kg	55.9	10.3	1	A
Aroclor 1262	ND		ug/kg	55.9	7.10	1	A
Aroclor 1268	ND		ug/kg	55.9	5.79	1	A
PCBs, Total	ND		ug/kg	55.9	4.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-33
Client ID: DUP_06112024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:00
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 10:32
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 08:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.5	5.20	1	A
Aroclor 1221	ND		ug/kg	58.5	5.86	1	A
Aroclor 1232	ND		ug/kg	58.5	12.4	1	A
Aroclor 1242	ND		ug/kg	58.5	7.89	1	A
Aroclor 1248	ND		ug/kg	58.5	8.78	1	A
Aroclor 1254	ND		ug/kg	58.5	6.40	1	A
Aroclor 1260	ND		ug/kg	58.5	10.8	1	A
Aroclor 1262	ND		ug/kg	58.5	7.43	1	A
Aroclor 1268	ND		ug/kg	58.5	6.06	1	A
PCBs, Total	ND		ug/kg	58.5	5.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-34
Client ID: FB_06112024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8082A
Analytical Date: 06/17/24 13:47
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 06/16/24 23:42
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/17/24 08:54
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/16/24 08:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,06,10,14,18,26,30,33 Batch: WG1934914-1						
Aroclor 1016	ND		ug/kg	45.8	4.06	A
Aroclor 1221	ND		ug/kg	45.8	4.59	A
Aroclor 1232	ND		ug/kg	45.8	9.71	A
Aroclor 1242	ND		ug/kg	45.8	6.17	A
Aroclor 1248	ND		ug/kg	45.8	6.87	A
Aroclor 1254	ND		ug/kg	45.8	5.01	A
Aroclor 1260	ND		ug/kg	45.8	8.46	A
Aroclor 1262	ND		ug/kg	45.8	5.82	A
Aroclor 1268	ND		ug/kg	45.8	4.74	A
PCBs, Total	ND		ug/kg	45.8	4.06	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/17/24 13:12
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 06/16/24 23:42
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 34 Batch: WG1935049-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	124		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/17/24 22:06
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/17/24 14:01
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 22 Batch: WG1935382-1						
Aroclor 1016	ND		ug/kg	48.6	4.31	A
Aroclor 1221	ND		ug/kg	48.6	4.87	A
Aroclor 1232	ND		ug/kg	48.6	10.3	A
Aroclor 1242	ND		ug/kg	48.6	6.55	A
Aroclor 1248	ND		ug/kg	48.6	7.29	A
Aroclor 1254	ND		ug/kg	48.6	5.32	A
Aroclor 1260	ND		ug/kg	48.6	8.98	A
Aroclor 1262	ND		ug/kg	48.6	6.17	A
Aroclor 1268	ND		ug/kg	48.6	5.03	A
PCBs, Total	ND		ug/kg	48.6	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	67		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,26,30,33 Batch: WG1934914-2 WG1934914-3									
Aroclor 1016	81		85		40-140	5		50	A
Aroclor 1260	81		88		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		88		30-150	A
Decachlorobiphenyl	96		108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		83		30-150	B
Decachlorobiphenyl	83		91		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 34 Batch: WG1935049-2 WG1935049-3									
Aroclor 1016	92		91		40-140	1		50	A
Aroclor 1260	83		81		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		93		30-150	A
Decachlorobiphenyl	89		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		96		30-150	B
Decachlorobiphenyl	123		127		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 22 Batch: WG1935382-2 WG1935382-3									
Aroclor 1016	67		70		40-140	4		50	A
Aroclor 1260	65		68		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		65		30-150	A
Decachlorobiphenyl	67		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		69		30-150	B
Decachlorobiphenyl	69		73		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 22 QC Batch ID: WG1935382-4 WG1935382-5 QC Sample: L2432791-22 Client ID: B8_0.2-2													
Aroclor 1016	ND	356	215	60		205	60		40-140	5		50	A
Aroclor 1260	ND	356	215	60		207	60		40-140	4		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		53		30-150	A
Decachlorobiphenyl	57		57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		57		30-150	B
Decachlorobiphenyl	62		60		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-01
Client ID: B13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:00
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 10:27
Analyst: EMR
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.21	0.433	1	A
Lindane	ND		ug/kg	0.922	0.412	1	A
Alpha-BHC	ND		ug/kg	0.922	0.262	1	A
Beta-BHC	ND		ug/kg	2.21	0.839	1	A
Heptachlor	ND		ug/kg	1.10	0.496	1	A
Aldrin	ND		ug/kg	2.21	0.779	1	A
Heptachlor epoxide	89.5		ug/kg	4.15	1.24	1	B
Endrin	ND		ug/kg	0.922	0.378	1	A
Endrin aldehyde	ND		ug/kg	2.76	0.968	1	A
Endrin ketone	ND		ug/kg	2.21	0.570	1	A
Dieldrin	115		ug/kg	1.38	0.691	1	B
4,4'-DDE	221		ug/kg	2.21	0.512	1	B
4,4'-DDD	ND		ug/kg	2.21	0.789	1	A
4,4'-DDT	88.0		ug/kg	2.21	1.78	1	A
Endosulfan I	ND		ug/kg	2.21	0.522	1	A
Endosulfan II	ND		ug/kg	2.21	0.739	1	A
Endosulfan sulfate	ND		ug/kg	0.922	0.439	1	A
Methoxychlor	ND		ug/kg	4.15	1.29	1	A
Toxaphene	ND		ug/kg	41.5	11.6	1	A
cis-Chlordane	69.8	IP	ug/kg	2.76	0.770	1	B
trans-Chlordane	57.0		ug/kg	2.76	0.730	1	B
Chlordane	ND		ug/kg	18.4	7.33	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-01 Date Collected: 06/11/24 09:00

Client ID: B13_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-01
Client ID: B13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/11/24 09:00
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/17/24 10:39
Analyst: EJL
Percent Solids: 70%
Methylation Date: 06/17/24 05:25

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 14:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	236	14.8	1	A
2,4,5-T	ND		ug/kg	236	7.31	1	A
2,4,5-TP (Silvex)	ND		ug/kg	236	6.27	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	49		30-150	A
DCAA	51		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-02
Client ID: B13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 10:38
Analyst: EMR
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.05	0.402	1	A
Lindane	ND		ug/kg	0.855	0.382	1	A
Alpha-BHC	ND		ug/kg	0.855	0.243	1	A
Beta-BHC	ND		ug/kg	2.05	0.778	1	A
Heptachlor	ND		ug/kg	1.03	0.460	1	A
Aldrin	ND		ug/kg	2.05	0.723	1	A
Heptachlor epoxide	10.3		ug/kg	3.85	1.15	1	B
Endrin	ND		ug/kg	0.855	0.351	1	A
Endrin aldehyde	ND		ug/kg	2.57	0.898	1	A
Endrin ketone	ND		ug/kg	2.05	0.529	1	A
Dieldrin	13.3		ug/kg	1.28	0.642	1	A
4,4'-DDE	27.3		ug/kg	2.05	0.475	1	B
4,4'-DDD	ND		ug/kg	2.05	0.732	1	A
4,4'-DDT	9.56		ug/kg	2.05	1.65	1	A
Endosulfan I	ND		ug/kg	2.05	0.485	1	A
Endosulfan II	ND		ug/kg	2.05	0.686	1	A
Endosulfan sulfate	ND		ug/kg	0.855	0.407	1	A
Methoxychlor	ND		ug/kg	3.85	1.20	1	A
Toxaphene	ND		ug/kg	38.5	10.8	1	A
cis-Chlordane	6.34	IP	ug/kg	2.57	0.715	1	B
trans-Chlordane	5.38		ug/kg	2.57	0.678	1	A
Chlordane	ND		ug/kg	17.1	6.80	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-02 Date Collected: 06/11/24 09:05

Client ID: B13_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-02
Client ID: B13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/17/24 10:57
Analyst: EJL
Percent Solids: 75%
Methylation Date: 06/17/24 05:25

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 14:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	222	14.0	1	A
2,4,5-T	ND		ug/kg	222	6.87	1	A
2,4,5-TP (Silvex)	ND		ug/kg	222	5.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	90		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-05
Client ID: B12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 10:50
Analyst: EMR
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.06	0.403	1	A
Lindane	ND		ug/kg	0.857	0.383	1	A
Alpha-BHC	ND		ug/kg	0.857	0.243	1	A
Beta-BHC	ND		ug/kg	2.06	0.780	1	A
Heptachlor	ND		ug/kg	1.03	0.461	1	A
Aldrin	ND		ug/kg	2.06	0.724	1	A
Heptachlor epoxide	3.96		ug/kg	3.85	1.16	1	A
Endrin	ND		ug/kg	0.857	0.351	1	A
Endrin aldehyde	ND		ug/kg	2.57	0.899	1	A
Endrin ketone	ND		ug/kg	2.06	0.529	1	A
Dieldrin	2.92		ug/kg	1.28	0.642	1	B
4,4'-DDE	163		ug/kg	2.06	0.475	1	B
4,4'-DDD	3.42		ug/kg	2.06	0.733	1	A
4,4'-DDT	44.9		ug/kg	2.06	1.65	1	A
Endosulfan I	ND		ug/kg	2.06	0.486	1	A
Endosulfan II	ND		ug/kg	2.06	0.687	1	A
Endosulfan sulfate	ND		ug/kg	0.857	0.408	1	A
Methoxychlor	ND		ug/kg	3.85	1.20	1	A
Toxaphene	ND		ug/kg	38.5	10.8	1	A
cis-Chlordane	2.73	IP	ug/kg	2.57	0.716	1	B
trans-Chlordane	2.01	JIP	ug/kg	2.57	0.678	1	A
Chlordane	ND		ug/kg	17.1	6.81	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-05 Date Collected: 06/11/24 09:40

Client ID: B12_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	115		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-05
Client ID: B12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/17/24 11:52
Analyst: EJL
Percent Solids: 77%
Methylation Date: 06/17/24 05:25

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 14:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	216	13.6	1	A
2,4,5-T	ND		ug/kg	216	6.70	1	A
2,4,5-TP (Silvex)	ND		ug/kg	216	5.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-06
Client ID: B12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:45
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 11:01
Analyst: SID
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.750	0.335	1	A
Alpha-BHC	ND		ug/kg	0.750	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.683	1	A
Heptachlor	ND		ug/kg	0.901	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.634	1	A
Heptachlor epoxide	1.95	JIP	ug/kg	3.38	1.01	1	B
Endrin	ND		ug/kg	0.750	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.788	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	2.23		ug/kg	1.12	0.563	1	A
4,4'-DDD	19.4		ug/kg	1.80	0.642	1	B
4,4'-DDT	61.5		ug/kg	1.80	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.750	0.357	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.46	1	A
cis-Chlordane	1.89	JIP	ug/kg	2.25	0.627	1	B
trans-Chlordane	1.64	JIP	ug/kg	2.25	0.594	1	A
Chlordane	ND		ug/kg	15.0	5.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-06
Client ID: B12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:45
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/17/24 12:10
Analyst: EJL
Percent Solids: 88%
Methylation Date: 06/17/24 05:25

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 14:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	184	11.6	1	A
2,4,5-T	ND		ug/kg	184	5.72	1	A
2,4,5-TP (Silvex)	ND		ug/kg	184	4.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-06 D
Client ID: B12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:45
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 18:25
Analyst: EMR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	352		ug/kg	3.60	0.833	2	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-09
Client ID: B11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 10:30
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 15:03
Analyst: EMR
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.13	0.418	1	A
Lindane	ND		ug/kg	0.889	0.397	1	A
Alpha-BHC	ND		ug/kg	0.889	0.252	1	A
Beta-BHC	ND		ug/kg	2.13	0.809	1	A
Heptachlor	ND		ug/kg	1.07	0.478	1	A
Aldrin	ND		ug/kg	2.13	0.751	1	A
Heptachlor epoxide	ND		ug/kg	4.00	1.20	1	A
Endrin	ND		ug/kg	0.889	0.364	1	A
Endrin aldehyde	ND		ug/kg	2.67	0.934	1	A
Endrin ketone	ND		ug/kg	2.13	0.549	1	A
Dieldrin	ND		ug/kg	1.33	0.667	1	A
4,4'-DDE	5.05		ug/kg	2.13	0.493	1	B
4,4'-DDD	ND		ug/kg	2.13	0.761	1	A
4,4'-DDT	2.76		ug/kg	2.13	1.72	1	A
Endosulfan I	ND		ug/kg	2.13	0.504	1	A
Endosulfan II	ND		ug/kg	2.13	0.713	1	A
Endosulfan sulfate	ND		ug/kg	0.889	0.423	1	A
Methoxychlor	ND		ug/kg	4.00	1.24	1	A
Toxaphene	ND		ug/kg	40.0	11.2	1	A
cis-Chlordane	1.15	JIP	ug/kg	2.67	0.743	1	B
trans-Chlordane	2.18	J	ug/kg	2.67	0.704	1	B
Chlordane	ND		ug/kg	17.8	7.07	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-09 Date Collected: 06/11/24 10:30

Client ID: B11_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-09
Client ID: B11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 10:30
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/17/24 12:28
Analyst: EJL
Percent Solids: 74%
Methylation Date: 06/17/24 05:25

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 14:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	223	14.0	1	A
2,4,5-T	ND		ug/kg	223	6.92	1	A
2,4,5-TP (Silvex)	ND		ug/kg	223	5.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	81		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-10
Client ID: B11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 10:35
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 15:14
Analyst: EMR
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.96	0.385	1	A
Lindane	ND		ug/kg	0.819	0.366	1	A
Alpha-BHC	ND		ug/kg	0.819	0.232	1	A
Beta-BHC	ND		ug/kg	1.96	0.745	1	A
Heptachlor	ND		ug/kg	0.983	0.440	1	A
Aldrin	ND		ug/kg	1.96	0.692	1	A
Heptachlor epoxide	ND		ug/kg	3.68	1.10	1	A
Endrin	ND		ug/kg	0.819	0.336	1	A
Endrin aldehyde	ND		ug/kg	2.46	0.860	1	A
Endrin ketone	ND		ug/kg	1.96	0.506	1	A
Dieldrin	ND		ug/kg	1.23	0.614	1	A
4,4'-DDE	3.46		ug/kg	1.96	0.454	1	B
4,4'-DDD	ND		ug/kg	1.96	0.701	1	A
4,4'-DDT	2.04		ug/kg	1.96	1.58	1	A
Endosulfan I	ND		ug/kg	1.96	0.464	1	A
Endosulfan II	ND		ug/kg	1.96	0.657	1	A
Endosulfan sulfate	ND		ug/kg	0.819	0.390	1	A
Methoxychlor	ND		ug/kg	3.68	1.15	1	A
Toxaphene	ND		ug/kg	36.8	10.3	1	A
cis-Chlordane	0.920	JIP	ug/kg	2.46	0.684	1	B
trans-Chlordane	1.69	J	ug/kg	2.46	0.648	1	A
Chlordane	ND		ug/kg	16.4	6.51	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-10 Date Collected: 06/11/24 10:35

Client ID: B11_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-10
Client ID: B11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 10:35
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/17/24 12:46
Analyst: EJL
Percent Solids: 81%
Methylation Date: 06/17/24 05:25

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 14:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	200	12.6	1	A
2,4,5-T	ND		ug/kg	200	6.22	1	A
2,4,5-TP (Silvex)	ND		ug/kg	200	5.33	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-13
Client ID: B10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 11:00
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 15:25
Analyst: EMR
Percent Solids: 58%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.58	0.506	1	A
Lindane	ND		ug/kg	1.08	0.481	1	A
Alpha-BHC	ND		ug/kg	1.08	0.305	1	A
Beta-BHC	ND		ug/kg	2.58	0.979	1	A
Heptachlor	ND		ug/kg	1.29	0.579	1	A
Aldrin	ND		ug/kg	2.58	0.909	1	A
Heptachlor epoxide	5.58		ug/kg	4.84	1.45	1	B
Endrin	ND		ug/kg	1.08	0.441	1	A
Endrin aldehyde	ND		ug/kg	3.23	1.13	1	A
Endrin ketone	ND		ug/kg	2.58	0.665	1	A
Dieldrin	ND		ug/kg	1.61	0.807	1	A
4,4'-DDE	26.6		ug/kg	2.58	0.597	1	B
4,4'-DDD	ND		ug/kg	2.58	0.921	1	A
4,4'-DDT	7.07		ug/kg	2.58	2.08	1	A
Endosulfan I	ND		ug/kg	2.58	0.610	1	A
Endosulfan II	ND		ug/kg	2.58	0.863	1	A
Endosulfan sulfate	ND		ug/kg	1.08	0.512	1	A
Methoxychlor	ND		ug/kg	4.84	1.50	1	A
Toxaphene	ND		ug/kg	48.4	13.6	1	A
cis-Chlordane	1.00	JIP	ug/kg	3.23	0.899	1	B
trans-Chlordane	1.52	JIP	ug/kg	3.23	0.852	1	A
Chlordane	ND		ug/kg	21.5	8.55	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-13 Date Collected: 06/11/24 11:00

Client ID: B10_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-13
Client ID: B10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 11:00
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/17/24 13:05
Analyst: EJL
Percent Solids: 58%
Methylation Date: 06/17/24 05:25

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 14:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	285	17.9	1	A
2,4,5-T	ND		ug/kg	285	8.83	1	A
2,4,5-TP (Silvex)	ND		ug/kg	285	7.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	74		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-14
Client ID: B10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 11:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 15:36
Analyst: EMR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.345	1	A
Lindane	ND		ug/kg	0.735	0.328	1	A
Alpha-BHC	ND		ug/kg	0.735	0.209	1	A
Beta-BHC	ND		ug/kg	1.76	0.668	1	A
Heptachlor	ND		ug/kg	0.882	0.395	1	A
Aldrin	ND		ug/kg	1.76	0.621	1	A
Heptachlor epoxide	ND		ug/kg	3.31	0.992	1	A
Endrin	ND		ug/kg	0.735	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.771	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	ND		ug/kg	1.10	0.551	1	A
4,4'-DDE	ND		ug/kg	1.76	0.408	1	A
4,4'-DDD	ND		ug/kg	1.76	0.629	1	A
4,4'-DDT	ND		ug/kg	1.76	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.589	1	A
Endosulfan sulfate	ND		ug/kg	0.735	0.350	1	A
Methoxychlor	ND		ug/kg	3.31	1.03	1	A
Toxaphene	ND		ug/kg	33.1	9.26	1	A
cis-Chlordane	ND		ug/kg	2.20	0.614	1	A
trans-Chlordane	ND		ug/kg	2.20	0.582	1	A
Chlordane	ND		ug/kg	14.7	5.84	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-14 Date Collected: 06/11/24 11:05

Client ID: B10_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-14
Client ID: B10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 11:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/17/24 13:23
Analyst: EJL
Percent Solids: 88%
Methylation Date: 06/17/24 05:25

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 14:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	186	11.7	1	A
2,4,5-T	ND		ug/kg	186	5.77	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	56		30-150	A
DCAA	55		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-17
Client ID: B9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 15:48
Analyst: EMR
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.03	0.398	1	A
Lindane	ND		ug/kg	0.847	0.378	1	A
Alpha-BHC	ND		ug/kg	0.847	0.240	1	A
Beta-BHC	ND		ug/kg	2.03	0.770	1	A
Heptachlor	ND		ug/kg	1.02	0.456	1	A
Aldrin	ND		ug/kg	2.03	0.716	1	A
Heptachlor epoxide	ND		ug/kg	3.81	1.14	1	A
Endrin	ND		ug/kg	0.847	0.347	1	A
Endrin aldehyde	ND		ug/kg	2.54	0.889	1	A
Endrin ketone	ND		ug/kg	2.03	0.523	1	A
Dieldrin	1.43		ug/kg	1.27	0.635	1	A
4,4'-DDE	25.7		ug/kg	2.03	0.470	1	B
4,4'-DDD	ND		ug/kg	2.03	0.725	1	A
4,4'-DDT	9.72		ug/kg	2.03	1.63	1	A
Endosulfan I	ND		ug/kg	2.03	0.480	1	A
Endosulfan II	ND		ug/kg	2.03	0.679	1	A
Endosulfan sulfate	ND		ug/kg	0.847	0.403	1	A
Methoxychlor	ND		ug/kg	3.81	1.18	1	A
Toxaphene	ND		ug/kg	38.1	10.7	1	A
cis-Chlordane	ND		ug/kg	2.54	0.708	1	A
trans-Chlordane	ND		ug/kg	2.54	0.671	1	A
Chlordane	ND		ug/kg	16.9	6.73	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-17 Date Collected: 06/11/24 12:05

Client ID: B9_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-17
Client ID: B9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/17/24 13:41
Analyst: EJL
Percent Solids: 76%
Methylation Date: 06/17/24 05:25

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 14:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	216	13.6	1	A
2,4,5-T	ND		ug/kg	216	6.69	1	A
2,4,5-TP (Silvex)	ND		ug/kg	216	5.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	36		30-150	A
DCAA	38		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-18
Client ID: B9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 15:59
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.755	0.337	1	A
Alpha-BHC	ND		ug/kg	0.755	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.687	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.755	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.793	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	ND	IP	ug/kg	1.13	0.566	1	B
4,4'-DDE	16.8		ug/kg	1.81	0.419	1	B
4,4'-DDD	ND		ug/kg	1.81	0.646	1	A
4,4'-DDT	7.46		ug/kg	1.81	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.605	1	A
Endosulfan sulfate	ND		ug/kg	0.755	0.359	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.51	1	A
cis-Chlordane	ND		ug/kg	2.26	0.631	1	A
trans-Chlordane	ND		ug/kg	2.26	0.598	1	A
Chlordane	ND		ug/kg	15.1	6.00	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-18 Date Collected: 06/11/24 12:10

Client ID: B9_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-18
Client ID: B9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/17/24 13:59
Analyst: EJL
Percent Solids: 84%
Methylation Date: 06/17/24 05:25

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 14:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	195	12.3	1	A
2,4,5-T	ND		ug/kg	195	6.05	1	A
2,4,5-TP (Silvex)	ND		ug/kg	195	5.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-21
Client ID: B8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:00
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 16:10
Analyst: EMR
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.08	0.407	1	A
Lindane	ND		ug/kg	0.867	0.387	1	A
Alpha-BHC	ND		ug/kg	0.867	0.246	1	A
Beta-BHC	ND		ug/kg	2.08	0.789	1	A
Heptachlor	ND		ug/kg	1.04	0.466	1	A
Aldrin	ND		ug/kg	2.08	0.732	1	A
Heptachlor epoxide	9.12		ug/kg	3.90	1.17	1	B
Endrin	ND		ug/kg	0.867	0.355	1	A
Endrin aldehyde	ND		ug/kg	2.60	0.910	1	A
Endrin ketone	ND		ug/kg	2.08	0.536	1	A
Dieldrin	ND		ug/kg	1.30	0.650	1	A
4,4'-DDE	27.3		ug/kg	2.08	0.481	1	B
4,4'-DDD	ND		ug/kg	2.08	0.742	1	A
4,4'-DDT	5.72		ug/kg	2.08	1.67	1	A
Endosulfan I	ND		ug/kg	2.08	0.491	1	A
Endosulfan II	ND		ug/kg	2.08	0.695	1	A
Endosulfan sulfate	ND		ug/kg	0.867	0.412	1	A
Methoxychlor	ND		ug/kg	3.90	1.21	1	A
Toxaphene	ND		ug/kg	39.0	10.9	1	A
cis-Chlordane	0.816	JIP	ug/kg	2.60	0.725	1	B
trans-Chlordane	1.28	J	ug/kg	2.60	0.686	1	B
Chlordane	ND		ug/kg	17.3	6.89	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-21 Date Collected: 06/11/24 13:00

Client ID: B8_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	106		30-150	A
2,4,5,6-Tetrachloro-m-xylene	109		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-21
Client ID: B8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:00
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/17/24 14:18
Analyst: EJL
Percent Solids: 74%
Methylation Date: 06/17/24 05:25

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 14:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	223	14.1	1	A
2,4,5-T	ND		ug/kg	223	6.93	1	A
2,4,5-TP (Silvex)	ND		ug/kg	223	5.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	88		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-22
Client ID: B8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 16:21
Analyst: EMR
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.90	0.373	1	A
Lindane	ND		ug/kg	0.794	0.355	1	A
Alpha-BHC	ND		ug/kg	0.794	0.225	1	A
Beta-BHC	ND		ug/kg	1.90	0.722	1	A
Heptachlor	ND		ug/kg	0.952	0.427	1	A
Aldrin	ND		ug/kg	1.90	0.671	1	A
Heptachlor epoxide	5.90		ug/kg	3.57	1.07	1	B
Endrin	ND		ug/kg	0.794	0.325	1	A
Endrin aldehyde	ND		ug/kg	2.38	0.833	1	A
Endrin ketone	ND		ug/kg	1.90	0.490	1	A
Dieldrin	ND		ug/kg	1.19	0.595	1	A
4,4'-DDE	17.3		ug/kg	1.90	0.440	1	B
4,4'-DDD	ND		ug/kg	1.90	0.679	1	A
4,4'-DDT	3.46		ug/kg	1.90	1.53	1	A
Endosulfan I	ND		ug/kg	1.90	0.450	1	A
Endosulfan II	ND		ug/kg	1.90	0.636	1	A
Endosulfan sulfate	ND		ug/kg	0.794	0.378	1	A
Methoxychlor	ND		ug/kg	3.57	1.11	1	A
Toxaphene	ND		ug/kg	35.7	10.0	1	A
cis-Chlordane	ND	IP	ug/kg	2.38	0.664	1	B
trans-Chlordane	0.777	J	ug/kg	2.38	0.629	1	A
Chlordane	ND		ug/kg	15.9	6.31	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-22 Date Collected: 06/11/24 13:05

Client ID: B8_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-22
Client ID: B8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:05
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/18/24 09:07
Analyst: MMG
Percent Solids: 83%
Methylation Date: 06/18/24 05:00

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 19:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	199	12.6	1	A
2,4,5-T	ND		ug/kg	199	6.18	1	A
2,4,5-TP (Silvex)	ND		ug/kg	199	5.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	148		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-25
Client ID: B7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 16:55
Analyst: EMR
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.08	0.407	1	A
Lindane	ND		ug/kg	0.866	0.387	1	A
Alpha-BHC	ND		ug/kg	0.866	0.246	1	A
Beta-BHC	ND		ug/kg	2.08	0.788	1	A
Heptachlor	ND		ug/kg	1.04	0.466	1	A
Aldrin	ND		ug/kg	2.08	0.731	1	A
Heptachlor epoxide	7.56		ug/kg	3.90	1.17	1	B
Endrin	ND		ug/kg	0.866	0.355	1	A
Endrin aldehyde	ND		ug/kg	2.60	0.909	1	A
Endrin ketone	ND		ug/kg	2.08	0.535	1	A
Dieldrin	0.935	J	ug/kg	1.30	0.649	1	A
4,4'-DDE	212		ug/kg	2.08	0.480	1	B
4,4'-DDD	0.879	J	ug/kg	2.08	0.741	1	A
4,4'-DDT	32.0		ug/kg	2.08	1.67	1	A
Endosulfan I	ND		ug/kg	2.08	0.491	1	A
Endosulfan II	ND		ug/kg	2.08	0.694	1	A
Endosulfan sulfate	ND		ug/kg	0.866	0.412	1	A
Methoxychlor	ND		ug/kg	3.90	1.21	1	A
Toxaphene	ND		ug/kg	39.0	10.9	1	A
cis-Chlordane	1.22	JIP	ug/kg	2.60	0.724	1	B
trans-Chlordane	3.06		ug/kg	2.60	0.686	1	A
Chlordane	ND		ug/kg	17.3	6.88	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-25 Date Collected: 06/11/24 13:40

Client ID: B7_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-25
Client ID: B7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/18/24 10:02
Analyst: MMG
Percent Solids: 76%
Methylation Date: 06/18/24 05:00

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 19:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	213	13.4	1	A
2,4,5-T	ND		ug/kg	213	6.60	1	A
2,4,5-TP (Silvex)	ND		ug/kg	213	5.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	135		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-26
Client ID: B7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:45
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 17:06
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.758	0.339	1	A
Alpha-BHC	ND		ug/kg	0.758	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.689	1	A
Heptachlor	ND		ug/kg	0.909	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.758	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.795	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.14	0.568	1	A
4,4'-DDE	13.4		ug/kg	1.82	0.420	1	B
4,4'-DDD	ND		ug/kg	1.82	0.648	1	A
4,4'-DDT	2.43		ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.608	1	A
Endosulfan sulfate	ND		ug/kg	0.758	0.361	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.54	1	A
cis-Chlordane	ND		ug/kg	2.27	0.633	1	A
trans-Chlordane	ND		ug/kg	2.27	0.600	1	A
Chlordane	ND		ug/kg	15.2	6.02	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-26 Date Collected: 06/11/24 13:45

Client ID: B7_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-26
Client ID: B7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:45
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/18/24 10:21
Analyst: MMG
Percent Solids: 86%
Methylation Date: 06/18/24 05:00

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 19:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	191	12.0	1	A
2,4,5-T	ND		ug/kg	191	5.92	1	A
2,4,5-TP (Silvex)	ND		ug/kg	191	5.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	145		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-29
Client ID: B6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 14:15
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 17:17
Analyst: EMR
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.11	0.413	1	A
Lindane	ND		ug/kg	0.878	0.392	1	A
Alpha-BHC	ND		ug/kg	0.878	0.249	1	A
Beta-BHC	ND		ug/kg	2.11	0.799	1	A
Heptachlor	ND		ug/kg	1.05	0.472	1	A
Aldrin	ND		ug/kg	2.11	0.742	1	A
Heptachlor epoxide	2.39	J	ug/kg	3.95	1.18	1	A
Endrin	ND		ug/kg	0.878	0.360	1	A
Endrin aldehyde	ND		ug/kg	2.63	0.922	1	A
Endrin ketone	ND		ug/kg	2.11	0.543	1	A
Dieldrin	17.5		ug/kg	1.32	0.659	1	A
4,4'-DDE	11.2		ug/kg	2.11	0.487	1	B
4,4'-DDD	ND		ug/kg	2.11	0.752	1	A
4,4'-DDT	3.27		ug/kg	2.11	1.69	1	B
Endosulfan I	ND		ug/kg	2.11	0.498	1	A
Endosulfan II	ND		ug/kg	2.11	0.704	1	A
Endosulfan sulfate	ND		ug/kg	0.878	0.418	1	A
Methoxychlor	ND		ug/kg	3.95	1.23	1	A
Toxaphene	ND		ug/kg	39.5	11.1	1	A
cis-Chlordane	ND	IP	ug/kg	2.63	0.734	1	B
trans-Chlordane	1.80	J	ug/kg	2.63	0.696	1	A
Chlordane	ND		ug/kg	17.6	6.98	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-29 Date Collected: 06/11/24 14:15

Client ID: B6_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-29
Client ID: B6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 14:15
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/18/24 10:39
Analyst: MMG
Percent Solids: 74%
Methylation Date: 06/18/24 05:00

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 19:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	226	14.2	1	A
2,4,5-T	ND		ug/kg	226	7.00	1	A
2,4,5-TP (Silvex)	ND		ug/kg	226	6.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	111		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-30
Client ID: B6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 14:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 17:28
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.368	1	A
Lindane	ND		ug/kg	0.782	0.350	1	A
Alpha-BHC	ND		ug/kg	0.782	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.712	1	A
Heptachlor	ND		ug/kg	0.939	0.421	1	A
Aldrin	ND		ug/kg	1.88	0.661	1	A
Heptachlor epoxide	ND		ug/kg	3.52	1.06	1	A
Endrin	ND		ug/kg	0.782	0.321	1	A
Endrin aldehyde	ND		ug/kg	2.35	0.821	1	A
Endrin ketone	ND		ug/kg	1.88	0.483	1	A
Dieldrin	ND		ug/kg	1.17	0.587	1	A
4,4'-DDE	ND		ug/kg	1.88	0.434	1	A
4,4'-DDD	ND		ug/kg	1.88	0.670	1	A
4,4'-DDT	ND		ug/kg	1.88	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.443	1	A
Endosulfan II	ND		ug/kg	1.88	0.627	1	A
Endosulfan sulfate	ND		ug/kg	0.782	0.372	1	A
Methoxychlor	ND		ug/kg	3.52	1.10	1	A
Toxaphene	ND		ug/kg	35.2	9.86	1	A
cis-Chlordane	ND		ug/kg	2.35	0.654	1	A
trans-Chlordane	ND		ug/kg	2.35	0.619	1	A
Chlordane	ND		ug/kg	15.6	6.22	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-30 Date Collected: 06/11/24 14:20

Client ID: B6_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-30
Client ID: B6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 14:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/18/24 10:58
Analyst: MMG
Percent Solids: 84%
Methylation Date: 06/18/24 05:00

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 19:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.4	1	A
2,4,5-T	ND		ug/kg	196	6.08	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	127		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-33
Client ID: DUP_06112024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:00
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 17:40
Analyst: EMR
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.90	0.373	1	A
Lindane	ND		ug/kg	0.793	0.354	1	A
Alpha-BHC	ND		ug/kg	0.793	0.225	1	A
Beta-BHC	ND		ug/kg	1.90	0.722	1	A
Heptachlor	ND		ug/kg	0.952	0.426	1	A
Aldrin	ND		ug/kg	1.90	0.670	1	A
Heptachlor epoxide	ND		ug/kg	3.57	1.07	1	A
Endrin	ND		ug/kg	0.793	0.325	1	A
Endrin aldehyde	ND		ug/kg	2.38	0.832	1	A
Endrin ketone	ND		ug/kg	1.90	0.490	1	A
Dieldrin	ND		ug/kg	1.19	0.595	1	A
4,4'-DDE	1.65	J	ug/kg	1.90	0.440	1	A
4,4'-DDD	ND		ug/kg	1.90	0.679	1	A
4,4'-DDT	ND		ug/kg	1.90	1.53	1	B
Endosulfan I	ND		ug/kg	1.90	0.450	1	A
Endosulfan II	ND		ug/kg	1.90	0.636	1	A
Endosulfan sulfate	ND		ug/kg	0.793	0.377	1	A
Methoxychlor	ND		ug/kg	3.57	1.11	1	A
Toxaphene	ND		ug/kg	35.7	9.99	1	A
cis-Chlordane	ND	IP	ug/kg	2.38	0.663	1	B
trans-Chlordane	0.634	J	ug/kg	2.38	0.628	1	A
Chlordane	ND		ug/kg	15.8	6.30	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-33 Date Collected: 06/11/24 12:00

Client ID: DUP_06112024 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-33
Client ID: DUP_06112024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:00
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/18/24 11:16
Analyst: MMG
Percent Solids: 82%
Methylation Date: 06/18/24 05:00

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 19:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	200	12.6	1	A
2,4,5-T	ND		ug/kg	200	6.19	1	A
2,4,5-TP (Silvex)	ND		ug/kg	200	5.31	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	142		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-34
Client ID: FB_06112024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 06/17/24 11:19
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 06/16/24 13:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-34 Date Collected: 06/11/24 12:40

Client ID: FB_06112024 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2432791
Project Number: 3858.0004Y000
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-34
Client ID: FB_06112024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 06/14/24 18:37
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/13/24 13:04

Methylation Date: 06/14/24 04:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/14/24 06:32
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/13/24 06:55

Methylation Date: 06/14/24 04:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 34 Batch: WG1933926-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	105		30-150	A
DCAA	93		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/17/24 07:18
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 14:52

Methylation Date: 06/17/24 05:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21 Batch: WG1934844-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.03	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.32	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/18/24 06:56
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 06/15/24 19:23

Methylation Date: 06/18/24 05:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 22,25-26,29-30,33 Batch: WG1934881-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	97		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/17/24 09:54
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 Batch: WG1934962-1						
Delta-BHC	ND		ug/kg	1.56	0.305	A
Lindane	ND		ug/kg	0.650	0.290	A
Alpha-BHC	ND		ug/kg	0.650	0.184	A
Beta-BHC	ND		ug/kg	1.56	0.591	A
Heptachlor	ND		ug/kg	0.780	0.350	A
Aldrin	ND		ug/kg	1.56	0.549	A
Heptachlor epoxide	ND		ug/kg	2.92	0.877	A
Endrin	ND		ug/kg	0.650	0.266	A
Endrin aldehyde	ND		ug/kg	1.95	0.682	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.975	0.487	A
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDD	ND		ug/kg	1.56	0.556	A
4,4'-DDT	ND		ug/kg	1.56	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.368	A
Endosulfan II	ND		ug/kg	1.56	0.521	A
Endosulfan sulfate	ND		ug/kg	0.650	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.910	A
Toxaphene	ND		ug/kg	29.2	8.19	A
cis-Chlordane	ND		ug/kg	1.95	0.543	A
trans-Chlordane	ND		ug/kg	1.95	0.515	A
Chlordane	ND		ug/kg	13.0	5.16	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/17/24 09:54
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 Batch: WG1934962-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/17/24 09:09
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 06/16/24 13:38

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 34 Batch: WG1934990-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/17/24 09:09
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 06/16/24 13:38

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 34 Batch: WG1934990-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	66		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 34 Batch: WG1933926-2 WG1933926-3									
2,4-D	111		103		30-150	7		25	A
2,4,5-T	121		110		30-150	10		25	A
2,4,5-TP (Silvex)	111		106		30-150	5		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	108		105		30-150	A
DCAA	117		115		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21 Batch: WG1934844-2 WG1934844-3									
2,4-D	74		78		30-150	5		30	A
2,4,5-T	80		80		30-150	0		30	A
2,4,5-TP (Silvex)	79		78		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	84		90		30-150	A
DCAA	90		91		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 22,25-26,29-30,33 Batch: WG1934881-2 WG1934881-3									
2,4-D	83		85		30-150	2		30	A
2,4,5-T	90		92		30-150	2		30	A
2,4,5-TP (Silvex)	84		85		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	82		83		30-150	A
DCAA	92		91		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 Batch: WG1934962-2 WG1934962-3									
Delta-BHC	80		74		30-150	8		30	A
Lindane	75		72		30-150	4		30	A
Alpha-BHC	76		75		30-150	1		30	A
Beta-BHC	75		72		30-150	4		30	A
Heptachlor	76		76		30-150	0		30	A
Aldrin	74		72		30-150	3		30	A
Heptachlor epoxide	66		62		30-150	6		30	A
Endrin	83		77		30-150	8		30	A
Endrin aldehyde	72		66		30-150	9		30	A
Endrin ketone	75		70		30-150	7		30	A
Dieldrin	84		79		30-150	6		30	A
4,4'-DDE	74		70		30-150	6		30	A
4,4'-DDD	83		75		30-150	10		30	A
4,4'-DDT	83		70		30-150	17		30	A
Endosulfan I	75		70		30-150	7		30	A
Endosulfan II	81		74		30-150	9		30	A
Endosulfan sulfate	75		69		30-150	8		30	A
Methoxychlor	101		82		30-150	21		30	A
cis-Chlordane	70		67		30-150	4		30	A
trans-Chlordane	82		79		30-150	4		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 Batch: WG1934962-2 WG1934962-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		80		30-150	A
Decachlorobiphenyl	105		93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		87		30-150	B
Decachlorobiphenyl	104		94		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 34 Batch: WG1934990-2 WG1934990-3									
Delta-BHC	78		71		30-150	10		20	A
Lindane	85		75		30-150	12		20	A
Alpha-BHC	87		77		30-150	13		20	A
Beta-BHC	81		71		30-150	12		20	A
Heptachlor	82		73		30-150	12		20	A
Aldrin	80		71		30-150	13		20	A
Heptachlor epoxide	81		71		30-150	13		20	A
Endrin	82		72		30-150	12		20	A
Endrin aldehyde	65		62		30-150	5		20	A
Endrin ketone	80		72		30-150	10		20	A
Dieldrin	87		77		30-150	12		20	A
4,4'-DDE	75		67		30-150	11		20	A
4,4'-DDD	83		73		30-150	13		20	A
4,4'-DDT	83		75		30-150	11		20	A
Endosulfan I	78		70		30-150	11		20	A
Endosulfan II	80		72		30-150	10		20	A
Endosulfan sulfate	72		66		30-150	9		20	A
Methoxychlor	94		84		30-150	12		20	A
cis-Chlordane	76		67		30-150	12		20	A
trans-Chlordane	87		77		30-150	12		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 34 Batch: WG1934990-2 WG1934990-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		64		30-150	A
Decachlorobiphenyl	75		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		61		30-150	B
Decachlorobiphenyl	71		66		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 22,25-26,29-30,33 QC Batch ID: WG1934881-4 WG1934881-5 QC Sample: L2432791-22 Client ID: B8_0.2-2													
2,4-D	ND	200	191J	96		173J	86		30-150	10		30	A
2,4,5-T	ND	200	203	102		183J	91		30-150	10		30	A
2,4,5-TP (Silvex)	ND	200	190J	95		172J	86		30-150	10		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	87		84		30-150	A
DCAA	121		120		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 QC Batch ID: WG1934962-4 WG1934962-5 QC Sample: L2432791-22 Client ID: B8_0.2-2													
Delta-BHC	ND	39.2	26.6	68		30.5	79		30-150	14		50	A
Lindane	ND	39.2	24.6	63		29.5	77		30-150	18		50	A
Alpha-BHC	ND	39.2	25.6	65		30.4	79		30-150	17		50	A
Beta-BHC	ND	39.2	24.1	61		29.4	76		30-150	20		50	A
Heptachlor	ND	39.2	26.5	68		32.0	83		30-150	19		50	A
Aldrin	ND	39.2	24.0	61		29.8	77		30-150	22		50	A
Heptachlor epoxide	5.90	39.2	30.2	62		36.7	80		30-150	19		50	B
Endrin	ND	39.2	26.5	68		32.1	83		30-150	19		50	A
Endrin aldehyde	ND	39.2	22.7	58		27.0	70		30-150	17		50	A
Endrin ketone	ND	39.2	23.0	59		27.7	72		30-150	19		50	A
Dieldrin	ND	39.2	27.1	69		33.5	87		30-150	21		50	A
4,4'-DDE	17.3	39.2	39.2	56		48.8	82		30-150	22		50	B
4,4'-DDD	ND	39.2	26.2	67		31.8	83		30-150	19		50	A
4,4'-DDT	3.46	39.2	26.2	58		32.5	75		30-150	21		50	A
Endosulfan I	ND	39.2	23.9	61		29.6	77		30-150	21		50	A
Endosulfan II	ND	39.2	25.6	65		31.2	81		30-150	20		50	A
Endosulfan sulfate	ND	39.2	23.6	60		28.2	73		30-150	18		50	A
Methoxychlor	ND	39.2	29.0	74		33.4	87		30-150	14		50	A
cis-Chlordane	NDIP	39.2	26.0	66		31.3	81		30-150	18		50	B
trans-Chlordane	0.777J	39.2	27.1	69		33.0	86		30-150	20		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 QC Batch ID: WG1934962-4 WG1934962-5 QC Sample: L2432791-22 Client ID: B8_0.2-2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		83		30-150	A
Decachlorobiphenyl	76		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		94		30-150	B
Decachlorobiphenyl	77		92		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-01 Date Collected: 06/11/24 09:00

Client ID: B13_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14300		mg/kg	11.2	3.03	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	5.62	0.427	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Arsenic, Total	62.0		mg/kg	1.12	0.234	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Barium, Total	101		mg/kg	1.12	0.195	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.512	J	mg/kg	0.562	0.037	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Cadmium, Total	1.05	J	mg/kg	1.12	0.110	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Calcium, Total	1680		mg/kg	11.2	3.93	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Chromium, Total	61.2		mg/kg	1.12	0.108	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Cobalt, Total	7.09		mg/kg	2.25	0.186	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Copper, Total	23.5		mg/kg	1.12	0.290	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Iron, Total	19100		mg/kg	5.62	1.01	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Lead, Total	180		mg/kg	5.62	0.301	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Magnesium, Total	3520		mg/kg	11.2	1.73	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Manganese, Total	404		mg/kg	1.12	0.178	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Mercury, Total	5.93		mg/kg	0.465	0.303	5	06/17/24 21:57	06/18/24 11:21	EPA 7471B	1,7471B	JWN
Nickel, Total	14.7		mg/kg	2.81	0.272	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Potassium, Total	1620		mg/kg	281	16.2	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	2.25	0.290	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Silver, Total	1.18		mg/kg	0.562	0.318	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Sodium, Total	39.6	J	mg/kg	225	3.54	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Thallium, Total	0.683	J	mg/kg	2.25	0.354	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Vanadium, Total	29.8		mg/kg	1.12	0.228	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM
Zinc, Total	115		mg/kg	5.62	0.329	2	06/17/24 21:09	06/18/24 07:05	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-02 Date Collected: 06/11/24 09:05

Client ID: B13_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16100		mg/kg	10.4	2.81	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	5.21	0.396	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Arsenic, Total	13.8		mg/kg	1.04	0.217	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Barium, Total	140		mg/kg	1.04	0.181	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.500	J	mg/kg	0.521	0.034	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	1.04	0.102	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Calcium, Total	788		mg/kg	10.4	3.64	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Chromium, Total	31.6		mg/kg	1.04	0.100	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Cobalt, Total	10.2		mg/kg	2.08	0.173	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Copper, Total	23.7		mg/kg	1.04	0.269	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Iron, Total	25600		mg/kg	5.21	0.940	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Lead, Total	35.7		mg/kg	5.21	0.279	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Magnesium, Total	4750		mg/kg	10.4	1.60	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Manganese, Total	333		mg/kg	1.04	0.166	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Mercury, Total	1.54		mg/kg	0.090	0.058	1	06/17/24 21:57	06/18/24 10:15	EPA 7471B	1,7471B	JWN
Nickel, Total	17.7		mg/kg	2.60	0.252	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Potassium, Total	4450		mg/kg	260	15.0	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	2.08	0.269	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Silver, Total	0.575		mg/kg	0.521	0.295	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Sodium, Total	50.2	J	mg/kg	208	3.28	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Thallium, Total	1.18	J	mg/kg	2.08	0.328	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Vanadium, Total	38.2		mg/kg	1.04	0.211	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM
Zinc, Total	68.6		mg/kg	5.21	0.305	2	06/17/24 21:09	06/18/24 07:33	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-05 Date Collected: 06/11/24 09:40

Client ID: B12_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17000		mg/kg	10.1	2.72	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	5.04	0.383	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Arsenic, Total	6.89		mg/kg	1.01	0.210	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Barium, Total	150		mg/kg	1.01	0.175	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.426	J	mg/kg	0.504	0.033	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	1.01	0.099	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Calcium, Total	1130		mg/kg	10.1	3.53	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Chromium, Total	31.1		mg/kg	1.01	0.097	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Cobalt, Total	10.4		mg/kg	2.02	0.167	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Copper, Total	20.5		mg/kg	1.01	0.260	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Iron, Total	27800		mg/kg	5.04	0.910	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Lead, Total	30.3		mg/kg	5.04	0.270	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Magnesium, Total	5500		mg/kg	10.1	1.55	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Manganese, Total	434		mg/kg	1.01	0.160	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Mercury, Total	0.606		mg/kg	0.084	0.055	1	06/17/24 21:57	06/18/24 10:18	EPA 7471B	1,7471B	JWN
Nickel, Total	19.5		mg/kg	2.52	0.244	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Potassium, Total	5310		mg/kg	252	14.5	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	2.02	0.260	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Silver, Total	0.682		mg/kg	0.504	0.285	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Sodium, Total	59.3	J	mg/kg	202	3.18	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Thallium, Total	1.77	J	mg/kg	2.02	0.318	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Vanadium, Total	44.1		mg/kg	1.01	0.205	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM
Zinc, Total	80.9		mg/kg	5.04	0.295	2	06/17/24 21:09	06/18/24 07:36	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-06 Date Collected: 06/11/24 09:45

Client ID: B12_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16800		mg/kg	8.94	2.41	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	4.47	0.340	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Arsenic, Total	7.43		mg/kg	0.894	0.186	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Barium, Total	152		mg/kg	0.894	0.156	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.459		mg/kg	0.447	0.030	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.894	0.088	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Calcium, Total	562		mg/kg	8.94	3.13	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Chromium, Total	29.3		mg/kg	0.894	0.086	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Cobalt, Total	10.3		mg/kg	1.79	0.148	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Copper, Total	22.8		mg/kg	0.894	0.231	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Iron, Total	26700		mg/kg	4.47	0.807	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Lead, Total	29.8		mg/kg	4.47	0.240	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Magnesium, Total	5270		mg/kg	8.94	1.38	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Manganese, Total	444		mg/kg	0.894	0.142	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Mercury, Total	0.164		mg/kg	0.077	0.050	1	06/17/24 21:57	06/18/24 10:22	EPA 7471B	1,7471B	JWN
Nickel, Total	19.1		mg/kg	2.23	0.216	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Potassium, Total	5210		mg/kg	223	12.9	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	1.79	0.231	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Silver, Total	0.602		mg/kg	0.447	0.253	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Sodium, Total	45.8	J	mg/kg	179	2.82	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Thallium, Total	1.70	J	mg/kg	1.79	0.282	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Vanadium, Total	43.8		mg/kg	0.894	0.181	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM
Zinc, Total	86.9		mg/kg	4.47	0.262	2	06/17/24 21:09	06/18/24 07:40	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-09 Date Collected: 06/11/24 10:30

Client ID: B11_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17800		mg/kg	10.2	2.76	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	5.12	0.389	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Arsenic, Total	7.31		mg/kg	1.02	0.213	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Barium, Total	140		mg/kg	1.02	0.178	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.655		mg/kg	0.512	0.034	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	1.02	0.100	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Calcium, Total	1490		mg/kg	10.2	3.58	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Chromium, Total	25.1		mg/kg	1.02	0.098	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Cobalt, Total	9.20		mg/kg	2.05	0.170	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Copper, Total	19.3		mg/kg	1.02	0.264	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Iron, Total	22600		mg/kg	5.12	0.925	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Lead, Total	31.8		mg/kg	5.12	0.274	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Magnesium, Total	4290		mg/kg	10.2	1.58	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Manganese, Total	687		mg/kg	1.02	0.163	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Mercury, Total	0.514		mg/kg	0.096	0.063	1	06/17/24 21:57	06/18/24 10:25	EPA 7471B	1,7471B	JWN
Nickel, Total	18.5		mg/kg	2.56	0.248	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Potassium, Total	1350		mg/kg	256	14.7	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	2.05	0.264	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Silver, Total	0.591		mg/kg	0.512	0.290	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Sodium, Total	36.3	J	mg/kg	205	3.22	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Thallium, Total	0.927	J	mg/kg	2.05	0.322	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Vanadium, Total	34.5		mg/kg	1.02	0.208	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM
Zinc, Total	75.5		mg/kg	5.12	0.300	2	06/17/24 21:09	06/18/24 07:43	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-10 Date Collected: 06/11/24 10:35

Client ID: B11_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13200		mg/kg	9.61	2.60	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	4.81	0.365	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Arsenic, Total	3.40		mg/kg	0.961	0.200	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Barium, Total	90.7		mg/kg	0.961	0.167	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.426	J	mg/kg	0.481	0.032	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.961	0.094	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Calcium, Total	896		mg/kg	9.61	3.36	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Chromium, Total	18.3		mg/kg	0.961	0.092	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Cobalt, Total	7.59		mg/kg	1.92	0.160	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Copper, Total	12.2		mg/kg	0.961	0.248	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Iron, Total	18000		mg/kg	4.81	0.868	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Lead, Total	12.7		mg/kg	4.81	0.258	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Magnesium, Total	3570		mg/kg	9.61	1.48	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Manganese, Total	354		mg/kg	0.961	0.153	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Mercury, Total	0.215		mg/kg	0.082	0.053	1	06/17/24 21:57	06/18/24 10:28	EPA 7471B	1,7471B	JWN
Nickel, Total	14.0		mg/kg	2.40	0.233	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Potassium, Total	1670		mg/kg	240	13.8	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	1.92	0.248	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Silver, Total	0.440	J	mg/kg	0.481	0.272	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Sodium, Total	40.9	J	mg/kg	192	3.03	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Thallium, Total	0.848	J	mg/kg	1.92	0.303	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Vanadium, Total	26.8		mg/kg	0.961	0.195	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM
Zinc, Total	45.7		mg/kg	4.81	0.282	2	06/17/24 21:09	06/18/24 07:47	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-13 Date Collected: 06/11/24 11:00

Client ID: B10_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 58%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	23000		mg/kg	13.6	3.68	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	6.81	0.518	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Arsenic, Total	85.0		mg/kg	1.36	0.283	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Barium, Total	195		mg/kg	1.36	0.237	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Beryllium, Total	1.02		mg/kg	0.681	0.045	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	1.36	0.133	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Calcium, Total	1160		mg/kg	13.6	4.77	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Chromium, Total	38.2		mg/kg	1.36	0.131	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Cobalt, Total	11.1		mg/kg	2.72	0.226	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Copper, Total	40.2		mg/kg	1.36	0.351	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Iron, Total	23800		mg/kg	6.81	1.23	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Lead, Total	287		mg/kg	6.81	0.365	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Magnesium, Total	4910		mg/kg	13.6	2.10	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Manganese, Total	1320		mg/kg	1.36	0.216	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Mercury, Total	0.484		mg/kg	0.109	0.071	1	06/17/24 21:57	06/18/24 10:32	EPA 7471B	1,7471B	JWN
Nickel, Total	23.2		mg/kg	3.40	0.330	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Potassium, Total	1640		mg/kg	340	19.6	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	2.72	0.351	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Silver, Total	0.742		mg/kg	0.681	0.386	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Sodium, Total	52.9	J	mg/kg	272	4.29	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Thallium, Total	0.916	J	mg/kg	2.72	0.429	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Vanadium, Total	41.3		mg/kg	1.36	0.276	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM
Zinc, Total	101		mg/kg	6.81	0.399	2	06/17/24 21:09	06/18/24 07:50	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-14 Date Collected: 06/11/24 11:05

Client ID: B10_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15200		mg/kg	8.88	2.40	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	4.44	0.337	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Arsenic, Total	2.42		mg/kg	0.888	0.185	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Barium, Total	89.8		mg/kg	0.888	0.154	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.474		mg/kg	0.444	0.029	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.888	0.087	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Calcium, Total	648		mg/kg	8.88	3.11	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Chromium, Total	26.1		mg/kg	0.888	0.085	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Cobalt, Total	10.2		mg/kg	1.78	0.147	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Copper, Total	27.1		mg/kg	0.888	0.229	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Iron, Total	22400		mg/kg	4.44	0.802	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Lead, Total	5.13		mg/kg	4.44	0.238	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Magnesium, Total	5740		mg/kg	8.88	1.37	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Manganese, Total	372		mg/kg	0.888	0.141	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Mercury, Total	ND		mg/kg	0.074	0.049	1	06/17/24 21:57	06/18/24 10:42	EPA 7471B	1,7471B	JWN
Nickel, Total	19.7		mg/kg	2.22	0.215	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Potassium, Total	3440		mg/kg	222	12.8	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	1.78	0.229	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Silver, Total	0.424	J	mg/kg	0.444	0.251	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Sodium, Total	53.6	J	mg/kg	178	2.80	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Thallium, Total	1.25	J	mg/kg	1.78	0.280	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Vanadium, Total	37.1		mg/kg	0.888	0.180	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM
Zinc, Total	45.1		mg/kg	4.44	0.260	2	06/17/24 21:09	06/18/24 07:54	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-17 Date Collected: 06/11/24 12:05

Client ID: B9_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17800		mg/kg	10.3	2.77	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	5.14	0.390	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Arsenic, Total	11.4		mg/kg	1.03	0.214	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Barium, Total	132		mg/kg	1.03	0.179	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.673		mg/kg	0.514	0.034	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	1.03	0.101	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Calcium, Total	687		mg/kg	10.3	3.60	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Chromium, Total	24.3		mg/kg	1.03	0.099	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Cobalt, Total	8.38		mg/kg	2.05	0.170	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Copper, Total	19.1		mg/kg	1.03	0.265	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Iron, Total	20400		mg/kg	5.14	0.928	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Lead, Total	20.5		mg/kg	5.14	0.275	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Magnesium, Total	4270		mg/kg	10.3	1.58	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Manganese, Total	627		mg/kg	1.03	0.163	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Mercury, Total	0.101		mg/kg	0.093	0.061	1	06/17/24 21:57	06/18/24 10:45	EPA 7471B	1,7471B	JWN
Nickel, Total	17.3		mg/kg	2.57	0.249	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Potassium, Total	1160		mg/kg	257	14.8	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	2.05	0.265	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Silver, Total	0.568		mg/kg	0.514	0.291	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Sodium, Total	33.2	J	mg/kg	205	3.24	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Thallium, Total	0.837	J	mg/kg	2.05	0.324	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Vanadium, Total	32.7		mg/kg	1.03	0.208	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM
Zinc, Total	63.6		mg/kg	5.14	0.301	2	06/17/24 21:09	06/18/24 07:57	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-18 Date Collected: 06/11/24 12:10

Client ID: B9_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18400		mg/kg	9.29	2.51	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	4.64	0.353	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Arsenic, Total	5.16		mg/kg	0.929	0.193	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Barium, Total	116		mg/kg	0.929	0.162	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.620		mg/kg	0.464	0.031	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.929	0.091	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Calcium, Total	615		mg/kg	9.29	3.25	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Chromium, Total	27.3		mg/kg	0.929	0.089	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Cobalt, Total	9.98		mg/kg	1.86	0.154	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Copper, Total	20.5		mg/kg	0.929	0.240	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Iron, Total	23700		mg/kg	4.64	0.839	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Lead, Total	11.3		mg/kg	4.64	0.249	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Magnesium, Total	5180		mg/kg	9.29	1.43	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Manganese, Total	426		mg/kg	0.929	0.148	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Mercury, Total	0.058	J	mg/kg	0.080	0.052	1	06/17/24 21:57	06/18/24 10:48	EPA 7471B	1,7471B	JWN
Nickel, Total	18.8		mg/kg	2.32	0.225	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Potassium, Total	1690		mg/kg	232	13.4	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	1.86	0.240	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Silver, Total	0.506		mg/kg	0.464	0.263	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Sodium, Total	39.0	J	mg/kg	186	2.93	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Thallium, Total	1.18	J	mg/kg	1.86	0.293	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Vanadium, Total	38.0		mg/kg	0.929	0.188	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM
Zinc, Total	57.1		mg/kg	4.64	0.272	2	06/17/24 21:09	06/18/24 08:01	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-21 Date Collected: 06/11/24 13:00

Client ID: B8_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15600		mg/kg	10.3	2.78	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	5.15	0.391	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Arsenic, Total	29.0		mg/kg	1.03	0.214	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Barium, Total	122		mg/kg	1.03	0.179	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.617		mg/kg	0.515	0.034	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	1.03	0.101	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Calcium, Total	554		mg/kg	10.3	3.60	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Chromium, Total	24.6		mg/kg	1.03	0.099	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Cobalt, Total	7.60		mg/kg	2.06	0.171	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Copper, Total	15.5		mg/kg	1.03	0.266	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Iron, Total	17800		mg/kg	5.15	0.929	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Lead, Total	93.4		mg/kg	5.15	0.276	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Magnesium, Total	3540		mg/kg	10.3	1.58	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Manganese, Total	575		mg/kg	1.03	0.164	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Mercury, Total	0.288		mg/kg	0.087	0.057	1	06/17/24 21:57	06/18/24 10:51	EPA 7471B	1,7471B	JWN
Nickel, Total	15.5		mg/kg	2.57	0.249	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Potassium, Total	937		mg/kg	257	14.8	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	2.06	0.266	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Silver, Total	0.426	J	mg/kg	0.515	0.291	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Sodium, Total	30.0	J	mg/kg	206	3.24	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Thallium, Total	0.841	J	mg/kg	2.06	0.324	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Vanadium, Total	30.4		mg/kg	1.03	0.209	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM
Zinc, Total	56.1		mg/kg	5.15	0.302	2	06/17/24 21:09	06/18/24 08:04	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-22 Date Collected: 06/11/24 13:05

Client ID: B8_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18600		mg/kg	9.05	2.44	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	4.52	0.344	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Arsenic, Total	27.7		mg/kg	0.905	0.188	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Barium, Total	137		mg/kg	0.905	0.158	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.659		mg/kg	0.452	0.030	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.905	0.089	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Calcium, Total	631		mg/kg	9.05	3.17	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Chromium, Total	29.7		mg/kg	0.905	0.087	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Cobalt, Total	10.1		mg/kg	1.81	0.150	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Copper, Total	19.7		mg/kg	0.905	0.234	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Iron, Total	22600		mg/kg	4.52	0.817	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Lead, Total	90.2		mg/kg	4.52	0.242	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Magnesium, Total	4730		mg/kg	9.05	1.39	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Manganese, Total	606		mg/kg	0.905	0.144	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Mercury, Total	0.414		mg/kg	0.083	0.054	1	06/17/24 21:57	06/18/24 09:49	EPA 7471B	1,7471B	JWN
Nickel, Total	19.2		mg/kg	2.26	0.219	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Potassium, Total	2320		mg/kg	226	13.0	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	1.81	0.234	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Silver, Total	0.584		mg/kg	0.452	0.256	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Sodium, Total	42.5	J	mg/kg	181	2.85	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Thallium, Total	0.973	J	mg/kg	1.81	0.285	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Vanadium, Total	35.6		mg/kg	0.905	0.184	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM
Zinc, Total	61.3		mg/kg	4.52	0.265	2	06/17/24 21:09	06/18/24 07:08	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-25 Date Collected: 06/11/24 13:40

Client ID: B7_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	21600		mg/kg	10.4	2.82	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	5.23	0.397	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Arsenic, Total	71.0		mg/kg	1.04	0.217	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Barium, Total	121		mg/kg	1.04	0.182	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.839		mg/kg	0.523	0.035	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	1.04	0.102	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Calcium, Total	604		mg/kg	10.4	3.66	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Chromium, Total	37.2		mg/kg	1.04	0.100	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Cobalt, Total	10.1		mg/kg	2.09	0.174	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Copper, Total	22.1		mg/kg	1.04	0.270	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Iron, Total	24800		mg/kg	5.23	0.944	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Lead, Total	220		mg/kg	5.23	0.280	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Magnesium, Total	4570		mg/kg	10.4	1.61	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Manganese, Total	725		mg/kg	1.04	0.166	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Mercury, Total	6.16		mg/kg	0.856	0.558	10	06/17/24 21:57	06/18/24 11:30	EPA 7471B	1,7471B	JWN
Nickel, Total	20.8		mg/kg	2.61	0.253	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Potassium, Total	1150		mg/kg	261	15.0	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	2.09	0.270	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Silver, Total	0.664		mg/kg	0.523	0.296	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Sodium, Total	37.2	J	mg/kg	209	3.29	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Thallium, Total	0.762	J	mg/kg	2.09	0.329	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Vanadium, Total	40.0		mg/kg	1.04	0.212	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM
Zinc, Total	75.2		mg/kg	5.23	0.306	2	06/17/24 21:09	06/18/24 08:35	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-26 Date Collected: 06/11/24 13:45

Client ID: B7_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16000		mg/kg	8.90	2.40	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	4.45	0.338	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Arsenic, Total	7.45		mg/kg	0.890	0.185	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Barium, Total	99.7		mg/kg	0.890	0.155	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.534		mg/kg	0.445	0.029	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.890	0.087	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Calcium, Total	461		mg/kg	8.90	3.12	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Chromium, Total	24.9		mg/kg	0.890	0.086	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Cobalt, Total	9.21		mg/kg	1.78	0.148	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Copper, Total	16.4		mg/kg	0.890	0.230	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Iron, Total	21900		mg/kg	4.45	0.804	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Lead, Total	20.6		mg/kg	4.45	0.239	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Magnesium, Total	4560		mg/kg	8.90	1.37	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Manganese, Total	355		mg/kg	0.890	0.142	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Mercury, Total	0.474		mg/kg	0.077	0.050	1	06/17/24 21:57	06/18/24 11:01	EPA 7471B	1,7471B	JWN
Nickel, Total	18.7		mg/kg	2.23	0.215	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Potassium, Total	2150		mg/kg	223	12.8	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	1.78	0.230	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Silver, Total	0.540		mg/kg	0.445	0.252	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Sodium, Total	39.6	J	mg/kg	178	2.80	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Thallium, Total	0.968	J	mg/kg	1.78	0.280	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Vanadium, Total	33.8		mg/kg	0.890	0.181	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM
Zinc, Total	50.8		mg/kg	4.45	0.261	2	06/17/24 21:09	06/18/24 08:38	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-29 Date Collected: 06/11/24 14:15

Client ID: B6_0-0.2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	20400		mg/kg	10.2	2.75	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	5.09	0.387	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Arsenic, Total	25.9		mg/kg	1.02	0.212	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Barium, Total	105		mg/kg	1.02	0.177	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.760		mg/kg	0.509	0.034	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	1.02	0.100	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Calcium, Total	644		mg/kg	10.2	3.56	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Chromium, Total	34.2		mg/kg	1.02	0.098	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Cobalt, Total	12.6		mg/kg	2.04	0.169	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Copper, Total	30.9		mg/kg	1.02	0.263	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Iron, Total	27500		mg/kg	5.09	0.919	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Lead, Total	88.4		mg/kg	5.09	0.273	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Magnesium, Total	5440		mg/kg	10.2	1.57	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Manganese, Total	519		mg/kg	1.02	0.162	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Mercury, Total	0.100		mg/kg	0.089	0.058	1	06/17/24 21:57	06/18/24 11:04	EPA 7471B	1,7471B	JWN
Nickel, Total	23.8		mg/kg	2.54	0.246	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Potassium, Total	1550		mg/kg	254	14.6	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	2.04	0.263	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Silver, Total	0.712		mg/kg	0.509	0.288	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Sodium, Total	34.0	J	mg/kg	204	3.21	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Thallium, Total	1.20	J	mg/kg	2.04	0.321	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Vanadium, Total	45.8		mg/kg	1.02	0.207	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM
Zinc, Total	63.5		mg/kg	5.09	0.298	2	06/17/24 21:09	06/18/24 08:42	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-30 Date Collected: 06/11/24 14:20

Client ID: B6_0.2-2 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	19600		mg/kg	9.12	2.46	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	4.56	0.347	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Arsenic, Total	3.24		mg/kg	0.912	0.190	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Barium, Total	96.9		mg/kg	0.912	0.159	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.659		mg/kg	0.456	0.030	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.912	0.089	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Calcium, Total	535		mg/kg	9.12	3.19	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Chromium, Total	26.5		mg/kg	0.912	0.088	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Cobalt, Total	13.3		mg/kg	1.82	0.151	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Copper, Total	31.8		mg/kg	0.912	0.235	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Iron, Total	28200		mg/kg	4.56	0.824	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Lead, Total	11.5		mg/kg	4.56	0.244	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Magnesium, Total	5810		mg/kg	9.12	1.40	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Manganese, Total	372		mg/kg	0.912	0.145	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Mercury, Total	ND		mg/kg	0.084	0.055	1	06/17/24 21:57	06/18/24 11:08	EPA 7471B	1,7471B	JWN
Nickel, Total	24.9		mg/kg	2.28	0.221	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Potassium, Total	2820		mg/kg	228	13.1	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	1.82	0.235	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Silver, Total	0.620		mg/kg	0.456	0.258	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Sodium, Total	54.8	J	mg/kg	182	2.87	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Thallium, Total	1.20	J	mg/kg	1.82	0.287	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Vanadium, Total	43.1		mg/kg	0.912	0.185	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM
Zinc, Total	62.5		mg/kg	4.56	0.267	2	06/17/24 21:09	06/18/24 08:45	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-33 Date Collected: 06/11/24 12:00

Client ID: DUP_06112024 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15100		mg/kg	9.16	2.47	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Antimony, Total	ND		mg/kg	4.58	0.348	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Arsenic, Total	3.20		mg/kg	0.916	0.190	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Barium, Total	108		mg/kg	0.916	0.159	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.464		mg/kg	0.458	0.030	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.916	0.090	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Calcium, Total	654		mg/kg	9.16	3.21	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Chromium, Total	22.3		mg/kg	0.916	0.088	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Cobalt, Total	8.99		mg/kg	1.83	0.152	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Copper, Total	10.8		mg/kg	0.916	0.236	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Iron, Total	20800		mg/kg	4.58	0.827	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Lead, Total	12.0		mg/kg	4.58	0.246	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Magnesium, Total	4390		mg/kg	9.16	1.41	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Manganese, Total	395		mg/kg	0.916	0.146	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Mercury, Total	0.128		mg/kg	0.083	0.054	1	06/17/24 21:57	06/18/24 11:11	EPA 7471B	1,7471B	JWN
Nickel, Total	17.0		mg/kg	2.29	0.222	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Potassium, Total	2220		mg/kg	229	13.2	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	1.83	0.236	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Silver, Total	0.492		mg/kg	0.458	0.259	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Sodium, Total	36.9	J	mg/kg	183	2.89	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Thallium, Total	0.954	J	mg/kg	1.83	0.289	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Vanadium, Total	32.7		mg/kg	0.916	0.186	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM
Zinc, Total	52.3		mg/kg	4.58	0.268	2	06/17/24 21:09	06/18/24 08:49	EPA 3050B	1,6010D	HJM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-34 Date Collected: 06/11/24 12:40

Client ID: FB_06112024 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Iron, Total	0.0419	J	mg/l	0.0500	0.0191	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/14/24 11:35	06/17/24 09:43	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00018	J	mg/l	0.00100	0.00014	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/14/24 12:30	06/18/24 13:22	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2432791

Project Number: 3858.0004Y000 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 34 Batch: WG1934413-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/14/24 12:30	06/17/24 11:07	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 34 Batch: WG1934414-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/14/24 11:35	06/17/24 09:23	1,7470A	MJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 Batch: WG1935273-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Barium, Total	ND		mg/kg	0.400	0.070	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Copper, Total	ND		mg/kg	0.400	0.103	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Iron, Total	1.06	J	mg/kg	2.00	0.361	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Potassium, Total	ND		mg/kg	100	5.76	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/17/24 21:09	06/18/24 06:51	1,6010D	HJM

Prep Information

Digestion Method: EPA 3050B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 Batch: WG1935275-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/17/24 21:57	06/18/24 09:42	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 34 Batch: WG1934413-2								
Aluminum, Total	92		-		80-120	-		
Antimony, Total	91		-		80-120	-		
Arsenic, Total	94		-		80-120	-		
Barium, Total	96		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	99		-		80-120	-		
Calcium, Total	103		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Cobalt, Total	99		-		80-120	-		
Copper, Total	99		-		80-120	-		
Iron, Total	113		-		80-120	-		
Lead, Total	88		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	106		-		80-120	-		
Nickel, Total	98		-		80-120	-		
Potassium, Total	117		-		80-120	-		
Selenium, Total	93		-		80-120	-		
Silver, Total	96		-		80-120	-		
Sodium, Total	107		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	99		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 34 Batch: WG1934413-2					
Zinc, Total	95	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 34 Batch: WG1934414-2					
Mercury, Total	94	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 Batch: WG1935273-2					
Aluminum, Total	103	-	80-120	-	
Antimony, Total	106	-	80-120	-	
Arsenic, Total	102	-	80-120	-	
Barium, Total	101	-	80-120	-	
Beryllium, Total	104	-	80-120	-	
Cadmium, Total	104	-	80-120	-	
Calcium, Total	103	-	80-120	-	
Chromium, Total	99	-	80-120	-	
Cobalt, Total	102	-	80-120	-	
Copper, Total	102	-	80-120	-	
Iron, Total	105	-	80-120	-	
Lead, Total	102	-	80-120	-	
Magnesium, Total	102	-	80-120	-	
Manganese, Total	102	-	80-120	-	
Nickel, Total	102	-	80-120	-	
Potassium, Total	106	-	80-120	-	
Selenium, Total	102	-	80-120	-	
Silver, Total	103	-	80-120	-	
Sodium, Total	105	-	80-120	-	
Thallium, Total	102	-	80-120	-	
Vanadium, Total	101	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 Batch: WG1935273-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 Batch: WG1935275-2					
Mercury, Total	97	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 34 QC Batch ID: WG1934413-3 WG1934413-4 QC Sample: L2431356-01 Client ID: MS Sample												
Aluminum, Total	0.063	2	2.02	98		2.07	100		75-125	2		20
Antimony, Total	ND	0.5	0.4434	89		0.4699	94		75-125	6		20
Arsenic, Total	ND	0.12	0.1112	93		0.1136	95		75-125	2		20
Barium, Total	0.0215	2	1.863	92		1.957	97		75-125	5		20
Beryllium, Total	ND	0.05	0.04981	100		0.05126	102		75-125	3		20
Cadmium, Total	ND	0.053	0.05039	95		0.05200	98		75-125	3		20
Calcium, Total	9.16	10	19.8	106		19.9	107		75-125	1		20
Chromium, Total	0.00043J	0.2	0.2028	101		0.2139	107		75-125	5		20
Cobalt, Total	0.0003J	0.5	0.4851	97		0.5015	100		75-125	3		20
Copper, Total	0.0004J	0.25	0.2484	99		0.2470	99		75-125	1		20
Iron, Total	0.097	1	1.27	117		1.21	111		75-125	5		20
Lead, Total	ND	0.53	0.4541	86		0.4663	88		75-125	3		20
Magnesium, Total	1.78	10	12.3	105		12.6	108		75-125	2		20
Manganese, Total	0.5233	0.5	1.044	104		1.081	112		75-125	3		20
Nickel, Total	0.0007J	0.5	0.4878	98		0.5014	100		75-125	3		20
Potassium, Total	3.29	10	14.8	115		15.4	121		75-125	4		20
Selenium, Total	ND	0.12	0.112	93		0.121	101		75-125	8		20
Silver, Total	ND	0.05	0.04716	94		0.04883	98		75-125	3		20
Sodium, Total	22.5	10	33.9	114		35.0	125		75-125	3		20
Thallium, Total	ND	0.12	0.1124	94		0.1192	99		75-125	6		20
Vanadium, Total	ND	0.5	0.4980	100		0.5134	103		75-125	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 34 QC Batch ID: WG1934413-3 WG1934413-4 QC Sample: L2431356-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4768	95	0.4944	99	75-125	4	20
Total Metals - Mansfield Lab Associated sample(s): 34 QC Batch ID: WG1934414-3 QC Sample: L2432330-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00467	93	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 QC Batch ID: WG1935273-3 WG1935273-4 QC Sample: L2432791-22 Client ID: B8_0.2-2												
Aluminum, Total	18600	192	16000	**0**	Q	22700	**2160**	Q	75-125	**35**	Q	20
Antimony, Total	ND	48.1	42.6	89		39.2	83		75-125	8		20
Arsenic, Total	27.7	11.5	38.9	97		53.7	**228**	Q	75-125	**32**	Q	20
Barium, Total	137	192	292	80		341	108		75-125	15		20
Beryllium, Total	0.659	4.81	5.52	101		5.65	105		75-125	2		20
Cadmium, Total	ND	5.1	4.53	89		4.20	84		75-125	8		20
Calcium, Total	631	962	1420	82		1670	110		75-125	16		20
Chromium, Total	29.7	19.2	46.6	88		56.3	**140**	Q	75-125	19		20
Cobalt, Total	10.1	48.1	54.4	92		57.2	99		75-125	5		20
Copper, Total	19.7	24	41.9	92		49.1	124		75-125	16		20
Iron, Total	22600	96.2	21100	**0**	Q	28200	**5910**	Q	75-125	**29**	Q	20
Lead, Total	90.2	51	137	92		174	**167**	Q	75-125	**24**	Q	20
Magnesium, Total	4730	962	5290	**58**	Q	6210	**156**	Q	75-125	16		20
Manganese, Total	606	48.1	670	**133**	Q	769	**344**	Q	75-125	14		20
Nickel, Total	19.2	48.1	64.5	94		69.1	105		75-125	7		20
Potassium, Total	2320	962	2090	**0**	Q	2860	**57**	Q	75-125	**31**	Q	20
Selenium, Total	ND	11.5	10.7	93		10.2	90		75-125	5		20
Silver, Total	0.584	4.81	5.41	100		5.52	104		75-125	2		20
Sodium, Total	42.5J	962	1010	105		1020	108		75-125	1		20
Thallium, Total	0.973J	11.5	11.8	102		12.1	106		75-125	3		20
Vanadium, Total	35.6	48.1	79.9	92		94.1	123		75-125	16		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 QC Batch ID: WG1935273-3 WG1935273-4 QC Sample: L2432791-22 Client ID: B8_0.2-2												
Zinc, Total	61.3	48.1	96.7	**74**	Q	122	**128**	Q	75-125	**23**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 QC Batch ID: WG1935275-3 WG1935275-4 QC Sample: L2432791-22 Client ID: B8_0.2-2												
Mercury, Total	0.414	1.54	1.83	92		1.99	95		80-120	8		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 34 QC Batch ID: WG1934414-4 QC Sample: L2432330-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2432791
Report Date: 06/19/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 QC Batch ID: WG1935273-6 QC Sample: L2432791-22 Client ID: B8_0.2-2						
Aluminum, Total	18600	19600	mg/kg	5		20
Arsenic, Total	27.7	28.9	mg/kg	4		20
Barium, Total	137	145	mg/kg	6		20
Calcium, Total	631	667	mg/kg	6		20
Chromium, Total	29.7	31.0	mg/kg	4		20
Iron, Total	22600	25100	mg/kg	11		20
Magnesium, Total	4730	5010	mg/kg	6		20
Manganese, Total	606	656	mg/kg	8		20
Vanadium, Total	35.6	36.7	mg/kg	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-01
Client ID: B13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 09:00
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.0		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.14	0.228	1	06/18/24 06:55	06/18/24 12:55	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-02
Client ID: B13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 09:05
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.6		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	06/17/24 19:50	06/18/24 13:02	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.07	0.214	1	06/18/24 06:55	06/18/24 12:55	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-05
Client ID: B12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 09:40
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.7		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.04	0.209	1	06/18/24 06:55	06/18/24 12:55	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-06
Client ID: B12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 09:45
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/17/24 19:50	06/18/24 13:03	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.913	0.183	1	06/18/24 06:55	06/18/24 12:55	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-09
Client ID: B11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 10:30
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.7		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.08	0.217	1	06/18/24 06:55	06/18/24 12:55	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-10
Client ID: B11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 10:35
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.5		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	06/17/24 19:50	06/18/24 13:04	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.994	0.199	1	06/18/24 06:55	06/18/24 12:55	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-13
Client ID: B10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 11:00
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	58.4		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.37	0.274	1	06/18/24 06:55	06/18/24 12:55	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-14
Client ID: B10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 11:05
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.7		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/17/24 19:50	06/18/24 13:07	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.912	0.182	1	06/18/24 06:55	06/18/24 12:55	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-17
Client ID: B9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 12:05
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.8		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.06	0.211	1	06/18/24 06:55	06/18/24 12:55	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-18
Client ID: B9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 12:10
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.1		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/17/24 19:50	06/18/24 13:08	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.951	0.190	1	06/18/24 06:55	06/18/24 12:55	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-21
Client ID: B8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 13:00
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.0		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Chromium, Hexavalent	0.338	J	mg/kg	1.08	0.216	1	06/18/24 08:41	06/19/24 10:28	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-22
Client ID: B8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 13:05
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	06/17/24 19:50	06/18/24 13:09	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.964	0.193	1	06/18/24 08:41	06/19/24 10:28	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-25
Client ID: B7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 13:40
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.1		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.05	0.210	1	06/18/24 08:41	06/19/24 10:28	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-26
Client ID: B7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 13:45
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/17/24 19:50	06/18/24 13:20	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.934	0.187	1	06/18/24 08:41	06/19/24 10:28	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-29
Client ID: B6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 14:15
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.7		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.08	0.217	1	06/18/24 08:41	06/19/24 10:28	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-30
Client ID: B6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 14:20
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	06/17/24 19:50	06/18/24 13:12	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.952	0.190	1	06/18/24 08:41	06/19/24 10:28	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-33
Client ID: DUP_06112024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 12:00
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	06/12/24 12:46	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	06/17/24 19:50	06/18/24 13:13	1,9010C/9012B	JER
Chromium, Hexavalent	0.256	J	mg/kg	0.976	0.195	1	06/18/24 08:41	06/19/24 10:28	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2432791-34
Client ID: FB_06112024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Field Blank

Date Collected: 06/11/24 12:40
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/16/24 11:25	06/17/24 12:05	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/12/24 12:00	06/12/24 12:33	1,7196A	JBB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2432791
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 34 Batch: WG1933336-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/12/24 12:00	06/12/24 12:29	1,7196A	JBB
General Chemistry - Westborough Lab for sample(s): 34 Batch: WG1934942-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/16/24 11:25	06/17/24 12:00	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 02,06,10,14,18,22,30,33 Batch: WG1935509-1										
Cyanide, Total	ND		mg/kg	0.99	0.21	1	06/17/24 19:50	06/18/24 12:42	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 26 Batch: WG1935519-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	06/17/24 19:50	06/18/24 13:14	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1935649-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/18/24 06:55	06/18/24 12:55	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 21-22,25-26,29-30,33 Batch: WG1936365-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/18/24 08:41	06/19/24 10:28	1,7196A	DTH

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 34 Batch: WG1933336-2								
Chromium, Hexavalent	94		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 34 Batch: WG1934942-2 WG1934942-3								
Cyanide, Total	100		102		85-115	2		20
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,18,22,30,33 Batch: WG1935509-2 WG1935509-3								
Cyanide, Total	103		102		80-120	1		35
General Chemistry - Westborough Lab Associated sample(s): 26 Batch: WG1935519-2 WG1935519-3								
Cyanide, Total	99		101		80-120	2		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1935649-2								
Chromium, Hexavalent	97		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29-30,33 Batch: WG1936365-2								
Chromium, Hexavalent	102		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 34 QC Batch ID: WG1933336-4 QC Sample: L2432791-34 Client ID: FB_06112024												
Chromium, Hexavalent	ND	0.1	0.102	102		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 34 QC Batch ID: WG1934942-4 WG1934942-5 QC Sample: L2433817-01 Client ID: MS Sample												
Cyanide, Total	0.025	0.2	0.207	91		0.203	89		80-120	2		20
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,18,22,30,33 QC Batch ID: WG1935509-4 WG1935509-5 QC Sample: L2432791-22 Client ID: B8_0.2-2												
Cyanide, Total	ND	12	12	100		12	100		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 26 QC Batch ID: WG1935519-4 WG1935519-5 QC Sample: L2432791-26 Client ID: B7_0.2-2												
Cyanide, Total	ND	11	12	100		12	100		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1935649-4 QC Sample: L2432791-01 Client ID: B13_0-0.2												
Chromium, Hexavalent	ND	1690	1250	**74**	Q	-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29-30,33 QC Batch ID: WG1936365-4 WG1936365-5 QC Sample: L2432791-22 Client ID: B8_0.2-2												
Chromium, Hexavalent	ND	1480	1180	80		1010	77		75-125	16		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2432791

Report Date: 06/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 34 QC Batch ID: WG1933336-3 QC Sample: L2432791-34 Client ID: FB_06112024						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 QC Batch ID: WG1933337-1 QC Sample: L2432791-22 Client ID: B8_0.2-2						
Solids, Total	83.0	85.9	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1935649-6 QC Sample: L2432791-01 Client ID: B13_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29-30,33 QC Batch ID: WG1936365-7 QC Sample: L2432791-22 Client ID: B8_0.2-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432791-01A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2432791-01B	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-01C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-02A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-02B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-02C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-02D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2432791-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2432791-02F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-02G	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-02X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-02Y	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-02Z	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-03A	Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432791-03B	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-03C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-04A	Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		HOLD-METAL(180)
L2432791-04B	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-04C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-05A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2432791-05B	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-05C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-06A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-06B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-06C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-06D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2432791-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2432791-06F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-06G	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-06X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-06Y	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-06Z	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-07A	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432791-07B	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-07C	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-08A	Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		HOLD-METAL(180)
L2432791-08B	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-08C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-09A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2432791-09B	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-09C	Glass 500ml/16oz unpreserved	C	NA		2.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-10A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-10B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-10C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-10D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2432791-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2432791-10F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-10G	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-10X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-10Y	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-10Z	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-11A	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432791-11B	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-11C	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-12A	Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		HOLD-METAL(180)
L2432791-12B	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-12C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-13A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2432791-13B	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-13C	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-14A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-14B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-14C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-14D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2432791-14E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2432791-14F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-14G	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-14X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-14Y	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-14Z	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-15A	Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432791-15B	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-15C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-16A	Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		HOLD-METAL(180)
L2432791-16B	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-16C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-17A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2432791-17B	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-17C	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-18A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-18B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-18C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-18D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2432791-18E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2432791-18F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-18G	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-18X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-18Y	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-18Z	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-19A	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432791-19B	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-19C	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-20A	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)
L2432791-20B	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-20C	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-21A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2432791-21B	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-21C	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-22A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-22A1	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-22A2	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-22B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-22B1	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-22B2	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-22C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-22C1	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-22C2	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-22D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2432791-22D1	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2432791-22D2	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2432791-22E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432791-22E1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2432791-22E2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2432791-22F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-22F1	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-22F2	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-22G	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-22G1	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-22G2	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-22X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-22X1	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-22X2	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-22Y	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-22Y1	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-22Y2	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-22Z	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-22Z1	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-22Z2	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-23A	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432791-23B	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-23C	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-24A	Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		HOLD-METAL(180)
L2432791-24B	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-24C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-25A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2432791-25B	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-25C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-26A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-26B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-26C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-26D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2432791-26E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2432791-26F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-26G	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-26X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-26Y	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-26Z	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-27A	Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432791-27B	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-27C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-28A	Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		HOLD-METAL(180)
L2432791-28B	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-28C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-29A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2432791-29B	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-29C	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2432791-30A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-30B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-30C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-30D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2432791-30E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2432791-30F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-30G	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-30X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-30Y	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-30Z	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-31A	Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432791-31B	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-31C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-32A	Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		HOLD-METAL(180)
L2432791-32B	Glass 120ml/4oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-32C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2432791-33A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-33B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-33C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-33D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2432791-33E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2432791-33F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-33G	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2432791-33X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2432791-33Y	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-33Z	Vial Water preserved split	A	NA		2.8	Y	Absent	12-JUN-24 13:40	NYTCL-8260HLW(14)
L2432791-34A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2432791-34B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2432791-34C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2432791-34D	Plastic 250ml HNO3 preserved	B	<2	<2	3.5	Y	Absent		TL-6020T(180),SE-6020T(180),BA-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2432791
Report Date: 06/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432791-34E	Plastic 250ml unpreserved	B	7	7	3.5	Y	Absent		HEXCR-7196(1)
L2432791-34F	Plastic 250ml NaOH preserved	B	>12	>12	3.5	Y	Absent		TCN-9010(14)
L2432791-34G	Amber 100ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2432791-34H	Amber 100ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2432791-34I	Amber 120ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8081(7)
L2432791-34J	Amber 120ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8081(7)
L2432791-34K	Amber 120ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8082-LVI(365)
L2432791-34L	Amber 120ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8082-LVI(365)
L2432791-34M	Amber 250ml unpreserved	B	7	7	3.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2432791-34N	Amber 250ml unpreserved	B	7	7	3.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2432791-34O	Amber 1000ml unpreserved	B	7	7	3.5	Y	Absent		HERB-APA(7)
L2432791-34P	Amber 1000ml unpreserved	B	7	7	3.5	Y	Absent		HERB-APA(7)
L2432791-35A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2432791-35B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2432791
Project Number:	3858.0004Y000	**Report Date:**	06/19/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2432791
Project Number:	3858.0004Y000	**Report Date:**	06/19/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2432791
Project Number:	3858.0004Y000	**Report Date:**	06/19/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2432791
Project Number:	3858.0004Y000	**Report Date:**	06/19/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/12/24

ALPHA Job #: L2432791

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
32791-01	B13 - 0 - 0.2	6/11/24	0900	S	EL			X	X	X	X				3
-02	B13 - 0.2 - 2	"	0905		EL	X	X	X	X	X	X	X	X		7
-03	B13 - 2 - 4	"	0910		EL			H	H	H	H			HOLD	3
-04	B13 - 4 - 6	"	0915		EL			H	H	H	H			HOLD	3
-05	B12 - 0 - 0.2	"	0940		EL			X	X	X	X				3
-06	B12 - 0.2 - 2	"	0945		EL	X	X	X	X	X	X	X	X		7
-07	B12 - 2 - 4	"	0950		EL			H	H	H	H			HOLD	3
-08	B12 - 4 - 6	"	0955		EL			H	H	H	H			HOLD	3
-09	B11 - 0 - 0.2	"	1030		EL			X	X	X	X				3
-10	B11 - 0.2 - 2	"	1035		EL	X	X	X	X	X	X	X	X		7

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/11/24 1500	JON PACE	6/11/24 15:14
	6/11/24		6/11/24 18:58
			6/11 2000
	6/12 120		6/12/24 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL LABORATORIES

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4 2

Date Rec'd in Lab: 6/12/24

ALPHA Job #: L2432791

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
32791-11	B11-2-4	6/11/24	1040	S	EL			H	H	H	H			HOLD	3
-12	B11-4-6	"	1045		EL			H	H	H	H			HOLD	3
-13	B10-0-0.2	"	1100		EL			X	X	X	X				3
-14	B10-0.2-2	"	1105		EL	X	X	X	X	X	X	X	X		7
-15	B10-2-4	"	1110		EL			H	H	H	H			HOLD	3
-16	B10-4-6	"	1115		EL			H	H	H	H			HOLD	3
-17	B9-0-0.2	"	1205		EL			X	X	X	X				3
-18	B9-0.2-2	"	1210		EL	X	X	X	X	X	X	X	X		7
-19	B9-2-4	"	1215		EL			H	H	H	H			HOLD	3
-20	B9-4-6	"	1220		EL			H	H	H	H			HOLD	3

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Container Type	E	A	A	A	A	A	A	A	
Preservative	A	A	A	A	A	A	A	A	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
1500 EL	6/11/24 1500	Jon Pace	6/11/24 15:15
	6/11/24		6/11/24 18:58
			6/11 2200
	6/12 120		6/12/24 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 4

Date Rec'd in Lab: 6/12/24

ALPHA Job #: L2432791

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
32791-21	B8-0-0.2	6/11/24	1300	S	EL			X	X	X	X				3
-22	B8-0.2-2	"	1305		EL	X	X	X	X	X	X	X	X	MS/MSD	4 21
-23	B8-2-4	"	1310		EL			H	H	H	H			HOLD	3
-24	B8-4-6	"	1315		EL			H	H	H	H			HOLD	3
-25	B7-0-0.2	"	1340		EL			X	X	X	X				3
-26	B7-0.2-2	"	1345		EL	X	X	X	X	X	X	X	X		7
-27	B7-2-4	"	1350		EL			H	H	H	H			HOLD	3
-28	B7-4-6	"	1355		EL			H	H	H	H			HOLD	3
-29	B6-0-0.2	"	1415		EL			X	X	X	X				3
-30	B6-0.2-2	"	1420	↓	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/11/24 1500	Pace	6/11/24 15:15
			6/11/24 1855
	6/11/24		6/11 2200
	6/12 120		6/12/24 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 4 of 4

Date Rec'd in Lab: 6/12/24

ALPHA Job #: L2432791

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
32791-31	36-2-4	6/11/24	1425	S	EL			H	H	H	H			HOLD	3
-32	36-4-6	6/11/24	1430	S	EL			H	H	H	H			HOLD	3
-33	DUP-06112024	6/11/24	1200	S	EL	X	X	X	X	X	X	X	X		7
-34	FB-06112024	6/11/24	1240	W	EL	X	X	X	X	X	X	X	X		16
-35	TB-06112024	6/10/24	—	W	EL	X									2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/11/2024 1570	FedEx Pace	6/11/24 15:15
	6/11/24		6/11/24 18:58
	6/12 1200		6/12/24 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2433398
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/21/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2433398-01	B5_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 08:45	06/13/24
L2433398-02	B5_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 08:50	06/13/24
L2433398-03	B5_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 08:55	06/13/24
L2433398-04	B5_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 09:00	06/13/24
L2433398-05	B4_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 09:15	06/13/24
L2433398-06	B4_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 09:20	06/13/24
L2433398-07	B4_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 09:25	06/13/24
L2433398-08	B4_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 09:30	06/13/24
L2433398-09	C3_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 09:40	06/13/24
L2433398-10	C3_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 09:45	06/13/24
L2433398-11	C3_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 09:50	06/13/24
L2433398-12	C3_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 09:55	06/13/24
L2433398-13	C4_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 10:30	06/13/24
L2433398-14	C4_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 10:35	06/13/24
L2433398-15	C4_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 10:40	06/13/24
L2433398-16	C4_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 10:45	06/13/24
L2433398-17	C6_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 11:40	06/13/24
L2433398-18	C6_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 11:45	06/13/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2433398-19	C6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 11:50	06/13/24
L2433398-20	C6_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 11:55	06/13/24
L2433398-21	C7_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 12:40	06/13/24
L2433398-22	C7_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 12:45	06/13/24
L2433398-23	C7_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 12:50	06/13/24
L2433398-24	C7_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 12:55	06/13/24
L2433398-25	C8_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 13:30	06/13/24
L2433398-26	C8_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 13:35	06/13/24
L2433398-27	C8_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 13:40	06/13/24
L2433398-28	C8_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 13:45	06/13/24
L2433398-29	C9_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 13:50	06/13/24
L2433398-30	C9_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 13:55	06/13/24
L2433398-31	C9_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 14:00	06/13/24
L2433398-32	C9_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 14:05	06/13/24
L2433398-33	DUP_06132024	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 12:00	06/13/24
L2433398-34	FB_06132024	FIELD BLANK	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 09:10	06/13/24
L2433398-35	TB_06132024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 00:00	06/13/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433398
Project Number:	3858.0004Y000	**Report Date:**	06/21/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398
Project Number: 3858.0004Y000 **Report Date:** 06/21/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

The WG1936524-5 Method Blank, associated with L2433398-10, -14, -18, -22, and -26, has concentrations above the reporting limits for chloromethane and acetone. Since the associated sample concentrations are non-detect to the RL for these target analytes, no corrective action is required.

The WG1936696-5 Method Blank, associated with L2433398-30, has a concentration above the reporting limit for bromomethane. Since the associated sample concentration is non-detect to the RL for this target analyte, no corrective action is required.

Semivolatile Organics

The WG1935035-3 LCSD recovery, associated with L2433398-02, -06, -10, and -14, is below the acceptance criteria for benzoic acid (8%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L2433398-01, -02, -05, -06, -09, -10, -13, -14, -17, -18, -21, -22, -25, -26, -29, -30, and -33: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1936261-1 Method Blank, associated with L2433398-01, -02, -05, -06, -09, -10, -13, -14, -17, -18, -21, -22, -25, -26, -29, -30, and -33, has a concentration above the reporting limit for iron. Since the associated sample concentrations are non-detect to the RL for this target analyte, no corrective action is required.

The WG1936261-3/-4 MS/MSD recoveries, performed on L2433398-05, are outside the acceptance criteria for antimony (72%/73%), calcium (MS at 63%), chromium (MS at 71%), copper (MS at 74%), nickel (MS at

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433398
Project Number:	3858.0004Y000	**Report Date:**	06/21/24

Case Narrative (continued)

73%), potassium (MS at 66%) and zinc (MS at 66%). Post digestion spikes were performed and were within acceptance criteria.

The WG1936261-3/-4 MS/MSD recoveries for aluminum (0%/677%), iron (0%/1550%), magnesium (MS at 27%) and manganese (160%/139%), performed on L2433398-05, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1936261-3/-4 MS/MSD recoveries, performed on L2433398-05, are outside the acceptance criteria for selenium (61%/58%). Post digestion spikes were performed and yielded unacceptable recoveries for selenium (67%/67%). The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 06/21/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-02
Client ID: B5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 08:50
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 21:39
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-02 Date Collected: 06/13/24 08:50

Client ID: B5_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-02 Date Collected: 06/13/24 08:50

Client ID: B5_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1
Tentatively Identified Compounds						
Total TIC Compounds	4.04	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	4.04	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-06 Date Collected: 06/13/24 09:20

Client ID: B4_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/19/24 21:49

Analyst: JIC

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-06 Date Collected: 06/13/24 09:20

Client ID: B4_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-06 Date Collected: 06/13/24 09:20

Client ID: B4_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	2.25	J	ug/kg			1
Unknown	2.25	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-10 Date Collected: 06/13/24 09:45
Client ID: C3_0.2-2 Date Received: 06/13/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 17:37
Analyst: LAC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-10 Date Collected: 06/13/24 09:45

Client ID: C3_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	8.8	J	ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	4.6	J	ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	0.26	J	ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.71	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-10 Date Collected: 06/13/24 09:45

Client ID: C3_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-14
Client ID: C4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 10:35
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 18:05
Analyst: LAC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.2	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.39	1
Tetrachloroethene	ND		ug/kg	0.72	0.28	1
Chlorobenzene	ND		ug/kg	0.72	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.8	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.72	0.24	1
Bromodichloromethane	ND		ug/kg	0.72	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.72	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.72	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.72	0.23	1
Bromoform	ND		ug/kg	5.8	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.72	0.24	1
Benzene	ND		ug/kg	0.72	0.24	1
Toluene	ND		ug/kg	1.4	0.78	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.8	1.3	1
Bromomethane	ND		ug/kg	2.9	0.84	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.9	0.65	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-14 Date Collected: 06/13/24 10:35

Client ID: C4_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.72	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.81	1
o-Xylene	ND		ug/kg	1.4	0.42	1
Xylenes, Total	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	11	J	ug/kg	14	7.0	1
Carbon disulfide	ND		ug/kg	14	6.6	1
2-Butanone	5.6	J	ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.72	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.24	1
Isopropylbenzene	0.33	J	ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.8	0.94	1
Acrylonitrile	ND		ug/kg	5.8	1.7	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-14 Date Collected: 06/13/24 10:35

Client ID: C4_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.48	1
1,4-Dioxane	ND		ug/kg	120	51.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.49	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.2	2.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-18
Client ID: C6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 11:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 18:32
Analyst: LAC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-18 Date Collected: 06/13/24 11:45

Client ID: C6_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	10	J	ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	4.6	J	ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	0.24	J	ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-18 Date Collected: 06/13/24 11:45

Client ID: C6_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	101		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-22
Client ID: C7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 12:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 18:59
Analyst: LAC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.5	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.65	0.25	1
Chlorobenzene	ND		ug/kg	0.65	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.65	0.22	1
Bromodichloromethane	ND		ug/kg	0.65	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.65	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.65	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.65	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.65	0.22	1
Benzene	ND		ug/kg	0.65	0.22	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-22 Date Collected: 06/13/24 12:45

Client ID: C7_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.65	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.73	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	12	J	ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	5.2	J	ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.65	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	0.25	J	ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.84	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-22 Date Collected: 06/13/24 12:45

Client ID: C7_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	1.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	101		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-26
Client ID: C8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 13:35
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 19:26
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-26 Date Collected: 06/13/24 13:35

Client ID: C8_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	7.2	J	ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	4.1	J	ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.20	1
Isopropylbenzene	0.21	J	ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.6	0.76	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-26 Date Collected: 06/13/24 13:35

Client ID: C8_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	93	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-30
Client ID: C9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 13:55
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/19/24 16:32
Analyst: LAC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-30 Date Collected: 06/13/24 13:55

Client ID: C9_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	9.2	J	ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.22	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-30 Date Collected: 06/13/24 13:55

Client ID: C9_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
1,4-Dioxane	ND		ug/kg	90	40.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.22	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1
Tentatively Identified Compounds						
Total TIC Compounds	12.0	J	ug/kg			1
Unknown	12.0	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	96		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-35
Client ID: TB_06132024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 00:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 06/16/24 09:10
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-35 Date Collected: 06/10/24 00:00

Client ID: TB_06132024 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-35 Date Collected: 06/10/24 00:00

Client ID: TB_06132024 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	114		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 08:48
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 35 Batch: WG1935824-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 08:48
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 35 Batch: WG1935824-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 08:48
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 35 Batch: WG1935824-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 08:48
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 35 Batch: WG1935824-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	110		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 20:19
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1936466-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 20:19
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1936466-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 20:19
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1936466-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	10.1	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	4.56	NJ	ug/kg
Boric acid, trimethyl ester	5.51	NJ	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 20:19
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1936466-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 11:36
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10,14,18,22,26 Batch: WG1936524-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	7.8		ug/kg	4.0	0.93
Bromomethane	0.96	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 11:36
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10,14,18,22,26 Batch: WG1936524-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	15		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	8.8	J	ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 11:36
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10,14,18,22,26 Batch: WG1936524-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	0.40	J	ug/kg	1.0	0.11
p-Isopropyltoluene	0.20	J	ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	4.39	J	ug/kg
n-Butyl ether	2.39	NJ	ug/kg
Pyrrole	2.00	NJ	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 11:36
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10,14,18,22,26 Batch: WG1936524-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	82		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	96		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 11:29
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 30 Batch: WG1936696-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	3.1		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 11:29
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 30 Batch: WG1936696-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 11:29
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 30 Batch: WG1936696-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	13.8	J	ug/kg
Unknown	9.37	J	ug/kg
Unknown	4.42	J	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 11:29
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 30 Batch: WG1936696-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 20:40
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1937067-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 20:40
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1937067-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 20:40
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1937067-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 20:40
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1937067-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 35 Batch: WG1935824-3 WG1935824-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	120		110		70-130	9		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		110		63-132	9		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	94		92		63-130	2		20
1,1,2-Trichloroethane	100		97		70-130	3		20
Tetrachloroethene	110		96		70-130	14		20
Chlorobenzene	100		97		75-130	3		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	120		110		67-130	9		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	110		100		70-130	10		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
1,1-Dichloropropene	120		110		70-130	9		20
Bromoform	91		90		54-136	1		20
1,1,2,2-Tetrachloroethane	96		100		67-130	4		20
Benzene	110		110		70-130	0		20
Toluene	110		99		70-130	11		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	110		94		64-130	16		20
Bromomethane	87		82		39-139	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 35 Batch: WG1935824-3 WG1935824-4								
Vinyl chloride	120		98		55-140	20		20
Chloroethane	110		87		55-138	**23**	Q	20
1,1-Dichloroethene	120		110		61-145	9		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	100		97		70-130	3		20
1,3-Dichlorobenzene	100		96		70-130	4		20
1,4-Dichlorobenzene	100		96		70-130	4		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	110		100		70-130	10		20
o-Xylene	110		100		70-130	10		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	96		110		64-130	14		20
Acrylonitrile	100		110		70-130	10		20
Styrene	110		105		70-130	5		20
Dichlorodifluoromethane	120		91		36-147	**27**	Q	20
Acetone	110		130		58-148	17		20
Carbon disulfide	120		100		51-130	18		20
2-Butanone	98		110		63-138	12		20
Vinyl acetate	100		110		70-130	10		20
4-Methyl-2-pentanone	89		100		59-130	12		20
2-Hexanone	89		110		57-130	**21**	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 35 Batch: WG1935824-3 WG1935824-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	96		96		70-130	0		20
1,3-Dichloropropane	100		98		70-130	2		20
1,1,1,2-Tetrachloroethane	98		91		64-130	7		20
Bromobenzene	100		96		70-130	4		20
n-Butylbenzene	120		110		53-136	9		20
sec-Butylbenzene	120		110		70-130	9		20
tert-Butylbenzene	110		100		70-130	10		20
o-Chlorotoluene	110		100		70-130	10		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	84		100		41-144	17		20
Hexachlorobutadiene	100		95		63-130	5		20
Isopropylbenzene	110		100		70-130	10		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	96		100		70-130	4		20
n-Propylbenzene	120		110		69-130	9		20
1,2,3-Trichlorobenzene	99		96		70-130	3		20
1,2,4-Trichlorobenzene	99		95		70-130	4		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	112		128		56-162	13		20
p-Diethylbenzene	110		99		70-130	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 35 Batch: WG1935824-3 WG1935824-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	100		110		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		113		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	104		106		70-130
Dibromofluoromethane	99		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1936466-3 WG1936466-4								
Methylene chloride	103		103		70-130	0		30
1,1-Dichloroethane	110		111		70-130	1		30
Chloroform	107		110		70-130	3		30
Carbon tetrachloride	105		108		70-130	3		30
1,2-Dichloropropane	112		114		70-130	2		30
Dibromochloromethane	94		97		70-130	3		30
1,1,2-Trichloroethane	95		95		70-130	0		30
Tetrachloroethene	91		92		70-130	1		30
Chlorobenzene	94		95		70-130	1		30
Trichlorofluoromethane	110		111		70-139	1		30
1,2-Dichloroethane	106		108		70-130	2		30
1,1,1-Trichloroethane	106		108		70-130	2		30
Bromodichloromethane	108		112		70-130	4		30
trans-1,3-Dichloropropene	97		97		70-130	0		30
cis-1,3-Dichloropropene	110		112		70-130	2		30
1,1-Dichloropropene	104		107		70-130	3		30
Bromoform	86		90		70-130	5		30
1,1,2,2-Tetrachloroethane	90		88		70-130	2		30
Benzene	110		112		70-130	2		30
Toluene	95		97		70-130	2		30
Ethylbenzene	97		99		70-130	2		30
Chloromethane	96		94		52-130	2		30
Bromomethane	88		90		57-147	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1936466-3 WG1936466-4								
Vinyl chloride	107		108		67-130	1		30
Chloroethane	107		107		50-151	0		30
1,1-Dichloroethene	102		103		65-135	1		30
trans-1,2-Dichloroethene	103		106		70-130	3		30
Trichloroethene	107		113		70-130	5		30
1,2-Dichlorobenzene	90		90		70-130	0		30
1,3-Dichlorobenzene	89		91		70-130	2		30
1,4-Dichlorobenzene	89		91		70-130	2		30
Methyl tert butyl ether	107		108		66-130	1		30
p/m-Xylene	97		98		70-130	1		30
o-Xylene	95		97		70-130	2		30
cis-1,2-Dichloroethene	104		106		70-130	2		30
Dibromomethane	106		109		70-130	3		30
Styrene	101		102		70-130	1		30
Dichlorodifluoromethane	67		66		30-146	2		30
Acetone	130		125		54-140	4		30
Carbon disulfide	91		92		59-130	1		30
2-Butanone	129		124		70-130	4		30
Vinyl acetate	111		98		70-130	12		30
4-Methyl-2-pentanone	108		105		70-130	3		30
1,2,3-Trichloropropane	91		91		68-130	0		30
2-Hexanone	116		114		70-130	2		30
Bromochloromethane	106		109		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1936466-3 WG1936466-4								
2,2-Dichloropropane	108		110		70-130	2		30
1,2-Dibromoethane	95		96		70-130	1		30
1,3-Dichloropropane	95		96		69-130	1		30
1,1,1,2-Tetrachloroethane	94		96		70-130	2		30
Bromobenzene	90		91		70-130	1		30
n-Butylbenzene	89		90		70-130	1		30
sec-Butylbenzene	90		92		70-130	2		30
tert-Butylbenzene	89		91		70-130	2		30
o-Chlorotoluene	89		90		70-130	1		30
p-Chlorotoluene	88		90		70-130	2		30
1,2-Dibromo-3-chloropropane	92		94		68-130	2		30
Hexachlorobutadiene	94		97		67-130	3		30
Isopropylbenzene	92		94		70-130	2		30
p-Isopropyltoluene	90		92		70-130	2		30
Naphthalene	105		105		70-130	0		30
Acrylonitrile	121		119		70-130	2		30
n-Propylbenzene	92		92		70-130	0		30
1,2,3-Trichlorobenzene	127		130		70-130	2		30
1,2,4-Trichlorobenzene	100		103		70-130	3		30
1,3,5-Trimethylbenzene	90		92		70-130	2		30
1,2,4-Trimethylbenzene	91		92		70-130	1		30
1,4-Dioxane	109		107		65-136	2		30
p-Diethylbenzene	87		89		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1936466-3 WG1936466-4								
p-Ethyltoluene	89		90		70-130	1		30
1,2,4,5-Tetramethylbenzene	91		93		70-130	2		30
Ethyl ether	106		106		67-130	0		30
trans-1,4-Dichloro-2-butene	102		101		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		101		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	106		107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10,14,18,22,26 Batch: WG1936524-3 WG1936524-4								
Methylene chloride	95		89		70-130	7		30
1,1-Dichloroethane	79		76		70-130	4		30
Chloroform	92		89		70-130	3		30
Carbon tetrachloride	94		84		70-130	11		30
1,2-Dichloropropane	78		76		70-130	3		30
Dibromochloromethane	90		88		70-130	2		30
1,1,2-Trichloroethane	87		87		70-130	0		30
Tetrachloroethene	95		92		70-130	3		30
Chlorobenzene	97		93		70-130	4		30
Trichlorofluoromethane	109		105		70-139	4		30
1,2-Dichloroethane	75		74		70-130	1		30
1,1,1-Trichloroethane	97		94		70-130	3		30
Bromodichloromethane	90		88		70-130	2		30
trans-1,3-Dichloropropene	87		86		70-130	1		30
cis-1,3-Dichloropropene	90		88		70-130	2		30
1,1-Dichloropropene	87		84		70-130	4		30
Bromoform	89		85		70-130	5		30
1,1,2,2-Tetrachloroethane	86		86		70-130	0		30
Benzene	92		90		70-130	2		30
Toluene	95		91		70-130	4		30
Ethylbenzene	95		93		70-130	2		30
Chloromethane	120		112		52-130	7		30
Bromomethane	**24**	Q	**30**	Q	57-147	22		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10,14,18,22,26 Batch: WG1936524-3 WG1936524-4								
Vinyl chloride	88		85		67-130	3		30
Chloroethane	78		76		50-151	3		30
1,1-Dichloroethene	102		97		65-135	5		30
trans-1,2-Dichloroethene	96		93		70-130	3		30
Trichloroethene	93		90		70-130	3		30
1,2-Dichlorobenzene	97		95		70-130	2		30
1,3-Dichlorobenzene	101		97		70-130	4		30
1,4-Dichlorobenzene	100		98		70-130	2		30
Methyl tert butyl ether	82		81		66-130	1		30
p/m-Xylene	99		98		70-130	1		30
o-Xylene	94		93		70-130	1		30
cis-1,2-Dichloroethene	92		90		70-130	2		30
Dibromomethane	90		88		70-130	2		30
Styrene	95		95		70-130	0		30
Dichlorodifluoromethane	113		109		30-146	4		30
Acetone	**181**	Q	128		54-140	**34**	Q	30
Carbon disulfide	91		86		59-130	6		30
2-Butanone	122		98		70-130	22		30
Vinyl acetate	86		82		70-130	5		30
4-Methyl-2-pentanone	**69**	Q	**68**	Q	70-130	1		30
1,2,3-Trichloropropane	82		81		68-130	1		30
2-Hexanone	**66**	Q	**68**	Q	70-130	3		30
Bromochloromethane	91		88		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10,14,18,22,26 Batch: WG1936524-3 WG1936524-4								
2,2-Dichloropropane	94		89		70-130	5		30
1,2-Dibromoethane	91		92		70-130	1		30
1,3-Dichloropropane	85		85		69-130	0		30
1,1,1,2-Tetrachloroethane	88		85		70-130	3		30
Bromobenzene	96		95		70-130	1		30
n-Butylbenzene	104		100		70-130	4		30
sec-Butylbenzene	101		98		70-130	3		30
tert-Butylbenzene	98		96		70-130	2		30
o-Chlorotoluene	94		93		70-130	1		30
p-Chlorotoluene	96		94		70-130	2		30
1,2-Dibromo-3-chloropropane	85		84		68-130	1		30
Hexachlorobutadiene	103		98		67-130	5		30
Isopropylbenzene	106		100		70-130	6		30
p-Isopropyltoluene	97		94		70-130	3		30
Naphthalene	95		94		70-130	1		30
Acrylonitrile	**68**	Q	**66**	Q	70-130	3		30
n-Propylbenzene	100		99		70-130	1		30
1,2,3-Trichlorobenzene	104		99		70-130	5		30
1,2,4-Trichlorobenzene	110		103		70-130	7		30
1,3,5-Trimethylbenzene	98		96		70-130	2		30
1,2,4-Trimethylbenzene	97		96		70-130	1		30
1,4-Dioxane	82		77		65-136	6		30
p-Diethylbenzene	96		93		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10,14,18,22,26 Batch: WG1936524-3 WG1936524-4								
p-Ethyltoluene	99		97		70-130	2		30
1,2,4,5-Tetramethylbenzene	98		94		70-130	4		30
Ethyl ether	87		85		67-130	2		30
trans-1,4-Dichloro-2-butene	75		74		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	82		83		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	93		96		70-130
Dibromofluoromethane	99		98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 30 Batch: WG1936696-3 WG1936696-4								
Methylene chloride	99		92		70-130	7		30
1,1-Dichloroethane	110		106		70-130	4		30
Chloroform	105		104		70-130	1		30
Carbon tetrachloride	104		99		70-130	5		30
1,2-Dichloropropane	103		102		70-130	1		30
Dibromochloromethane	97		97		70-130	0		30
1,1,2-Trichloroethane	109		113		70-130	4		30
Tetrachloroethene	100		99		70-130	1		30
Chlorobenzene	103		103		70-130	0		30
Trichlorofluoromethane	111		101		70-139	9		30
1,2-Dichloroethane	106		107		70-130	1		30
1,1,1-Trichloroethane	108		107		70-130	1		30
Bromodichloromethane	99		98		70-130	1		30
trans-1,3-Dichloropropene	114		116		70-130	2		30
cis-1,3-Dichloropropene	103		102		70-130	1		30
1,1-Dichloropropene	105		104		70-130	1		30
Bromoform	89		89		70-130	0		30
1,1,2,2-Tetrachloroethane	106		101		70-130	5		30
Benzene	106		105		70-130	1		30
Toluene	104		104		70-130	0		30
Ethylbenzene	109		111		70-130	2		30
Chloromethane	111		102		52-130	8		30
Bromomethane	95		85		57-147	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 30 Batch: WG1936696-3 WG1936696-4								
Vinyl chloride	124		110		67-130	12		30
Chloroethane	114		104		50-151	9		30
1,1-Dichloroethene	106		97		65-135	9		30
trans-1,2-Dichloroethene	117		109		70-130	7		30
Trichloroethene	111		114		70-130	3		30
1,2-Dichlorobenzene	101		104		70-130	3		30
1,3-Dichlorobenzene	103		106		70-130	3		30
1,4-Dichlorobenzene	103		104		70-130	1		30
Methyl tert butyl ether	**133**	Q	126		66-130	5		30
p/m-Xylene	105		106		70-130	1		30
o-Xylene	103		104		70-130	1		30
cis-1,2-Dichloroethene	100		96		70-130	4		30
Dibromomethane	102		98		70-130	4		30
Styrene	106		109		70-130	3		30
Dichlorodifluoromethane	115		107		30-146	7		30
Acetone	113		102		54-140	10		30
Carbon disulfide	110		100		59-130	10		30
2-Butanone	106		106		70-130	0		30
Vinyl acetate	99		82		70-130	19		30
4-Methyl-2-pentanone	111		108		70-130	3		30
1,2,3-Trichloropropane	110		114		68-130	4		30
2-Hexanone	112		113		70-130	1		30
Bromochloromethane	92		89		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 30 Batch: WG1936696-3 WG1936696-4								
2,2-Dichloropropane	111		108		70-130	3		30
1,2-Dibromoethane	102		103		70-130	1		30
1,3-Dichloropropane	109		111		69-130	2		30
1,1,1,2-Tetrachloroethane	101		103		70-130	2		30
Bromobenzene	98		99		70-130	1		30
n-Butylbenzene	118		119		70-130	1		30
sec-Butylbenzene	110		112		70-130	2		30
tert-Butylbenzene	103		106		70-130	3		30
o-Chlorotoluene	112		115		70-130	3		30
p-Chlorotoluene	110		112		70-130	2		30
1,2-Dibromo-3-chloropropane	90		96		68-130	6		30
Hexachlorobutadiene	89		92		67-130	3		30
Isopropylbenzene	108		110		70-130	2		30
p-Isopropyltoluene	106		108		70-130	2		30
Naphthalene	101		104		70-130	3		30
Acrylonitrile	105		102		70-130	3		30
n-Propylbenzene	114		117		70-130	3		30
1,2,3-Trichlorobenzene	95		99		70-130	4		30
1,2,4-Trichlorobenzene	100		100		70-130	0		30
1,3,5-Trimethylbenzene	109		110		70-130	1		30
1,2,4-Trimethylbenzene	108		111		70-130	3		30
1,4-Dioxane	96		96		65-136	0		30
p-Diethylbenzene	109		110		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 30 Batch: WG1936696-3 WG1936696-4								
p-Ethyltoluene	109		111		70-130	2		30
1,2,4,5-Tetramethylbenzene	103		105		70-130	2		30
Ethyl ether	105		96		67-130	9		30
trans-1,4-Dichloro-2-butene	124		127		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		107		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	98		102		70-130
Dibromofluoromethane	94		91		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1937067-3 WG1937067-4								
Methylene chloride	86		80		70-130	7		30
1,1-Dichloroethane	89		84		70-130	6		30
Chloroform	103		98		70-130	5		30
Carbon tetrachloride	103		96		70-130	7		30
1,2-Dichloropropane	107		101		70-130	6		30
Dibromochloromethane	93		92		70-130	1		30
1,1,2-Trichloroethane	99		99		70-130	0		30
Tetrachloroethene	103		100		70-130	3		30
Chlorobenzene	98		96		70-130	2		30
Trichlorofluoromethane	104		98		70-139	6		30
1,2-Dichloroethane	109		103		70-130	6		30
1,1,1-Trichloroethane	103		97		70-130	6		30
Bromodichloromethane	97		92		70-130	5		30
trans-1,3-Dichloropropene	98		97		70-130	1		30
cis-1,3-Dichloropropene	100		96		70-130	4		30
1,1-Dichloropropene	104		97		70-130	7		30
Bromoform	85		83		70-130	2		30
1,1,2,2-Tetrachloroethane	83		81		70-130	2		30
Benzene	101		96		70-130	5		30
Toluene	97		94		70-130	3		30
Ethylbenzene	99		95		70-130	4		30
Chloromethane	116		107		52-130	8		30
Bromomethane	101		93		57-147	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1937067-3 WG1937067-4								
Vinyl chloride	92		86		67-130	7		30
Chloroethane	88		81		50-151	8		30
1,1-Dichloroethene	86		80		65-135	7		30
trans-1,2-Dichloroethene	89		82		70-130	8		30
Trichloroethene	108		100		70-130	8		30
1,2-Dichlorobenzene	94		90		70-130	4		30
1,3-Dichlorobenzene	96		91		70-130	5		30
1,4-Dichlorobenzene	95		90		70-130	5		30
Methyl tert butyl ether	90		87		66-130	3		30
p/m-Xylene	99		95		70-130	4		30
o-Xylene	98		95		70-130	3		30
cis-1,2-Dichloroethene	81		89		70-130	9		30
Dibromomethane	96		96		70-130	0		30
Styrene	97		94		70-130	3		30
Dichlorodifluoromethane	79		75		30-146	5		30
Acetone	115		104		54-140	10		30
Carbon disulfide	87		81		59-130	7		30
2-Butanone	110		110		70-130	0		30
Vinyl acetate	70		77		70-130	10		30
4-Methyl-2-pentanone	96		96		70-130	0		30
1,2,3-Trichloropropane	98		94		68-130	4		30
2-Hexanone	94		93		70-130	1		30
Bromochloromethane	96		94		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1937067-3 WG1937067-4								
2,2-Dichloropropane	103		96		70-130	7		30
1,2-Dibromoethane	97		96		70-130	1		30
1,3-Dichloropropane	101		99		69-130	2		30
1,1,1,2-Tetrachloroethane	94		94		70-130	0		30
Bromobenzene	94		89		70-130	5		30
n-Butylbenzene	99		92		70-130	7		30
sec-Butylbenzene	98		92		70-130	6		30
tert-Butylbenzene	96		89		70-130	8		30
o-Chlorotoluene	114		108		70-130	5		30
p-Chlorotoluene	98		92		70-130	6		30
1,2-Dibromo-3-chloropropane	84		80		68-130	5		30
Hexachlorobutadiene	97		91		67-130	6		30
Isopropylbenzene	97		92		70-130	5		30
p-Isopropyltoluene	97		91		70-130	6		30
Naphthalene	84		83		70-130	1		30
Acrylonitrile	96		95		70-130	1		30
n-Propylbenzene	99		92		70-130	7		30
1,2,3-Trichlorobenzene	92		89		70-130	3		30
1,2,4-Trichlorobenzene	93		89		70-130	4		30
1,3,5-Trimethylbenzene	97		92		70-130	5		30
1,2,4-Trimethylbenzene	96		90		70-130	6		30
1,4-Dioxane	115		122		65-136	6		30
p-Diethylbenzene	95		89		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1937067-3 WG1937067-4								
p-Ethyltoluene	96		91		70-130	5		30
1,2,4,5-Tetramethylbenzene	90		86		70-130	5		30
Ethyl ether	80		78		67-130	3		30
trans-1,4-Dichloro-2-butene	97		97		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		111		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	100		102		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-02
Client ID: B5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 08:50
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/19/24 06:58
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-02 Date Collected: 06/13/24 08:50

Client ID: B5_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-02 Date Collected: 06/13/24 08:50

Client ID: B5_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
Total TIC Compounds	217	J	ug/kg			1
Unknown	217	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	40		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	72		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-06
Client ID: B4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 09:20
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/19/24 07:22
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-06 Date Collected: 06/13/24 09:20

Client ID: B4_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-06 Date Collected: 06/13/24 09:20

Client ID: B4_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1
Tentatively Identified Compounds						
Total TIC Compounds	406	J	ug/kg			1
Unknown	200	J	ug/kg			1
Unknown Amide	206	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	36		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	71		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-10
Client ID: C3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 09:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/19/24 07:46
Analyst: IM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	120		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-10 Date Collected: 06/13/24 09:45

Client ID: C3_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	67	J	ug/kg	120	22.	1
Benzo(a)pyrene	58	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	77	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	58	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	35	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	64	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	33	J	ug/kg	160	28.	1
Pyrene	98	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-10 Date Collected: 06/13/24 09:45

Client ID: C3_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1
Tentatively Identified Compounds						
Total TIC Compounds	182	J	ug/kg			1
Unknown	182	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	44		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	71		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-14
Client ID: C4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 10:35
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 09:16
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-14 Date Collected: 06/13/24 10:35

Client ID: C4_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-14 Date Collected: 06/13/24 10:35

Client ID: C4_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1
Tentatively Identified Compounds						
Total TIC Compounds	466	J	ug/kg			1
Unknown	466	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	99		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-18
Client ID: C6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 11:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 00:46
Analyst: MRG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-18 Date Collected: 06/13/24 11:45

Client ID: C6_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-18 Date Collected: 06/13/24 11:45

Client ID: C6_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
Total TIC Compounds	1410	J	ug/kg			1
Unknown Organic Acid	179	J	ug/kg			1
Unknown Amide	177	J	ug/kg			1
Unknown	410	J	ug/kg			1
Unknown	430	J	ug/kg			1
Unknown	216	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	114		25-120
Phenol-d6	113		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	105		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	117		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-22
Client ID: C7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 12:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/19/24 05:38
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-22 Date Collected: 06/13/24 12:45

Client ID: C7_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-22 Date Collected: 06/13/24 12:45

Client ID: C7_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	1450	J	ug/kg			1
Unknown Organic Acid	209	J	ug/kg			1
Unknown Organic Acid	377	J	ug/kg			1
Unknown Amide	864	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	111		10-136
4-Terphenyl-d14	108		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-26
Client ID: C8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 13:35
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 01:04
Analyst: MRG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 12:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-26 Date Collected: 06/13/24 13:35

Client ID: C8_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-26 Date Collected: 06/13/24 13:35

Client ID: C8_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	43		30-120
2,4,6-Tribromophenol	39		10-136
4-Terphenyl-d14	37		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-30
Client ID: C9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 13:55
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/19/24 23:52
Analyst: MRG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-30 Date Collected: 06/13/24 13:55

Client ID: C9_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-30 Date Collected: 06/13/24 13:55

Client ID: C9_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1
Tentatively Identified Compounds						
Total TIC Compounds	1340	J	ug/kg			1
Unknown	983	J	ug/kg			1
Unknown Organic Acid	196	J	ug/kg			1
Unknown Organic Acid	162	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**124**	Q	25-120
Phenol-d6	**122**	Q	10-120
Nitrobenzene-d5	109		23-120
2-Fluorobiphenyl	111		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	119		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/18/24 17:55
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/16/24 18:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18,22,30 Batch: WG1935022-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/18/24 17:55
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/16/24 18:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18,22,30 Batch: WG1935022-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/18/24 17:55
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/16/24 18:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18,22,30 Batch: WG1935022-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	67		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/18/24 21:05
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14 Batch: WG1935035-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/18/24 21:05
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14 Batch: WG1935035-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/18/24 21:05
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14 Batch: WG1935035-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	25	J	ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	91		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/18/24 08:30
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/17/24 18:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG1935515-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/18/24 08:30
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/17/24 18:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG1935515-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/18/24 08:30
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/17/24 18:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG1935515-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	103		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18,22,30 Batch: WG1935022-2 WG1935022-3								
Acenaphthene	70		65		31-137	7		50
1,2,4-Trichlorobenzene	65		67		38-107	3		50
Hexachlorobenzene	76		70		40-140	8		50
Bis(2-chloroethyl)ether	69		70		40-140	1		50
2-Chloronaphthalene	62		64		40-140	3		50
1,2-Dichlorobenzene	64		66		40-140	3		50
1,3-Dichlorobenzene	62		63		40-140	2		50
1,4-Dichlorobenzene	61		63		28-104	3		50
3,3'-Dichlorobenzidine	88		81		40-140	8		50
2,4-Dinitrotoluene	72		67		40-132	7		50
2,6-Dinitrotoluene	65		67		40-140	3		50
Fluoranthene	76		70		40-140	8		50
4-Chlorophenyl phenyl ether	70		65		40-140	7		50
4-Bromophenyl phenyl ether	75		69		40-140	8		50
Bis(2-chloroisopropyl)ether	54		53		40-140	2		50
Bis(2-chloroethoxy)methane	72		72		40-117	0		50
Hexachlorobutadiene	67		68		40-140	1		50
Hexachlorocyclopentadiene	**16**	Q	**18**	Q	40-140	12		50
Hexachloroethane	59		63		40-140	7		50
Isophorone	78		74		40-140	5		50
Naphthalene	64		62		40-140	3		50
Nitrobenzene	75		74		40-140	1		50
NDPA/DPA	71		65		36-157	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18,22,30 Batch: WG1935022-2 WG1935022-3								
n-Nitrosodi-n-propylamine	77		72		32-121	7		50
Bis(2-ethylhexyl)phthalate	78		70		40-140	11		50
Butyl benzyl phthalate	86		77		40-140	11		50
Di-n-butylphthalate	78		71		40-140	9		50
Di-n-octylphthalate	93		86		40-140	8		50
Diethyl phthalate	72		66		40-140	9		50
Dimethyl phthalate	62		62		40-140	0		50
Benzo(a)anthracene	74		69		40-140	7		50
Benzo(a)pyrene	68		67		40-140	1		50
Benzo(b)fluoranthene	72		67		40-140	7		50
Benzo(k)fluoranthene	70		65		40-140	7		50
Chrysene	76		68		40-140	11		50
Acenaphthylene	60		63		40-140	5		50
Anthracene	73		68		40-140	7		50
Benzo(ghi)perylene	74		64		40-140	14		50
Fluorene	70		65		40-140	7		50
Phenanthrene	70		65		40-140	7		50
Dibenzo(a,h)anthracene	75		64		40-140	16		50
Indeno(1,2,3-cd)pyrene	80		69		40-140	15		50
Pyrene	75		70		35-142	7		50
Biphenyl	53		55		37-127	4		50
4-Chloroaniline	78		74		40-140	5		50
2-Nitroaniline	78		79		47-134	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18,22,30 Batch: WG1935022-2 WG1935022-3								
3-Nitroaniline	82		74		26-129	10		50
4-Nitroaniline	85		75		41-125	13		50
Dibenzofuran	68		64		40-140	6		50
2-Methylnaphthalene	61		64		40-140	5		50
1,2,4,5-Tetrachlorobenzene	56		59		40-117	5		50
Acetophenone	64		65		14-144	2		50
2,4,6-Trichlorophenol	72		72		30-130	0		50
p-Chloro-m-cresol	74		75		26-103	1		50
2-Chlorophenol	73		74		25-102	1		50
2,4-Dichlorophenol	74		72		30-130	3		50
2,4-Dimethylphenol	86		85		30-130	1		50
2-Nitrophenol	79		78		30-130	1		50
4-Nitrophenol	91		84		11-114	8		50
2,4-Dinitrophenol	19		20		4-130	5		50
4,6-Dinitro-o-cresol	22		22		10-130	0		50
Pentachlorophenol	70		64		17-109	9		50
Phenol	72		71		26-90	1		50
2-Methylphenol	77		76		30-130.	1		50
3-Methylphenol/4-Methylphenol	83		81		30-130	2		50
2,4,5-Trichlorophenol	72		74		30-130	3		50
Benzoic Acid	55		52		10-110	6		50
Benzyl Alcohol	78		76		40-140	3		50
Carbazole	70		65		54-128	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18,22,30 Batch: WG1935022-2 WG1935022-3								
1,4-Dioxane	46		50		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		78		25-120
Phenol-d6	74		74		10-120
Nitrobenzene-d5	75		75		23-120
2-Fluorobiphenyl	60		61		30-120
2,4,6-Tribromophenol	88		79		10-136
4-Terphenyl-d14	76		71		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14 Batch: WG1935035-2 WG1935035-3								
Acenaphthene	92		91		31-137	1		50
1,2,4-Trichlorobenzene	92		94		38-107	2		50
Hexachlorobenzene	107		106		40-140	1		50
Bis(2-chloroethyl)ether	79		80		40-140	1		50
2-Chloronaphthalene	97		97		40-140	0		50
1,2-Dichlorobenzene	83		85		40-140	2		50
1,3-Dichlorobenzene	80		82		40-140	2		50
1,4-Dichlorobenzene	80		82		28-104	2		50
3,3'-Dichlorobenzidine	92		85		40-140	8		50
2,4-Dinitrotoluene	110		109		40-132	1		50
2,6-Dinitrotoluene	121		120		40-140	1		50
Fluoranthene	96		96		40-140	0		50
4-Chlorophenyl phenyl ether	92		92		40-140	0		50
4-Bromophenyl phenyl ether	99		98		40-140	1		50
Bis(2-chloroisopropyl)ether	56		58		40-140	4		50
Bis(2-chloroethoxy)methane	90		92		40-117	2		50
Hexachlorobutadiene	90		93		40-140	3		50
Hexachlorocyclopentadiene	109		111		40-140	2		50
Hexachloroethane	84		88		40-140	5		50
Isophorone	95		96		40-140	1		50
Naphthalene	84		87		40-140	4		50
Nitrobenzene	94		98		40-140	4		50
NDPA/DPA	95		93		36-157	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14 Batch: WG1935035-2 WG1935035-3								
n-Nitrosodi-n-propylamine	94		97		32-121	3		50
Bis(2-ethylhexyl)phthalate	108		105		40-140	3		50
Butyl benzyl phthalate	116		113		40-140	3		50
Di-n-butylphthalate	103		101		40-140	2		50
Di-n-octylphthalate	117		114		40-140	3		50
Diethyl phthalate	99		98		40-140	1		50
Dimethyl phthalate	107		105		40-140	2		50
Benzo(a)anthracene	92		92		40-140	0		50
Benzo(a)pyrene	99		98		40-140	1		50
Benzo(b)fluoranthene	102		100		40-140	2		50
Benzo(k)fluoranthene	93		91		40-140	2		50
Chrysene	89		87		40-140	2		50
Acenaphthylene	99		99		40-140	0		50
Anthracene	93		91		40-140	2		50
Benzo(ghi)perylene	94		94		40-140	0		50
Fluorene	93		92		40-140	1		50
Phenanthrene	90		89		40-140	1		50
Dibenzo(a,h)anthracene	94		95		40-140	1		50
Indeno(1,2,3-cd)pyrene	96		97		40-140	1		50
Pyrene	96		95		35-142	1		50
Biphenyl	88		89		37-127	1		50
4-Chloroaniline	93		92		40-140	1		50
2-Nitroaniline	121		120		47-134	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14 Batch: WG1935035-2 WG1935035-3								
3-Nitroaniline	94		91		26-129	3		50
4-Nitroaniline	97		94		41-125	3		50
Dibenzofuran	92		92		40-140	0		50
2-Methylnaphthalene	95		98		40-140	3		50
1,2,4,5-Tetrachlorobenzene	87		87		40-117	0		50
Acetophenone	86		88		14-144	2		50
2,4,6-Trichlorophenol	109		109		30-130	0		50
p-Chloro-m-cresol	**109**	Q	**109**	Q	26-103	0		50
2-Chlorophenol	92		95		25-102	3		50
2,4-Dichlorophenol	107		108		30-130	1		50
2,4-Dimethylphenol	121		122		30-130	1		50
2-Nitrophenol	118		122		30-130	3		50
4-Nitrophenol	108		107		11-114	1		50
2,4-Dinitrophenol	65		106		4-130	48		50
4,6-Dinitro-o-cresol	92		116		10-130	23		50
Pentachlorophenol	109		106		17-109	3		50
Phenol	87		88		26-90	1		50
2-Methylphenol	98		99		30-130.	1		50
3-Methylphenol/4-Methylphenol	108		109		30-130	1		50
2,4,5-Trichlorophenol	114		112		30-130	2		50
Benzoic Acid	10		**8**	Q	10-110	20		50
Benzyl Alcohol	102		105		40-140	3		50
Carbazole	92		91		54-128	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14 Batch: WG1935035-2 WG1935035-3								
1,4-Dioxane	51		50		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	88		87		25-120
Phenol-d6	89		89		10-120
Nitrobenzene-d5	93		92		23-120
2-Fluorobiphenyl	92		91		30-120
2,4,6-Tribromophenol	124		119		10-136
4-Terphenyl-d14	92		88		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG1935515-2 WG1935515-3								
Acenaphthene	91		90		31-137	1		50
1,2,4-Trichlorobenzene	95		94		38-107	1		50
Hexachlorobenzene	118		111		40-140	6		50
Bis(2-chloroethyl)ether	77		82		40-140	6		50
2-Chloronaphthalene	102		97		40-140	5		50
1,2-Dichlorobenzene	83		86		40-140	4		50
1,3-Dichlorobenzene	82		87		40-140	6		50
1,4-Dichlorobenzene	82		86		28-104	5		50
3,3'-Dichlorobenzidine	94		92		40-140	2		50
2,4-Dinitrotoluene	109		101		40-132	8		50
2,6-Dinitrotoluene	118		107		40-140	10		50
Fluoranthene	108		106		40-140	2		50
4-Chlorophenyl phenyl ether	114		111		40-140	3		50
4-Bromophenyl phenyl ether	124		114		40-140	8		50
Bis(2-chloroisopropyl)ether	80		82		40-140	2		50
Bis(2-chloroethoxy)methane	89		88		40-117	1		50
Hexachlorobutadiene	121		124		40-140	2		50
Hexachlorocyclopentadiene	136		138		40-140	1		50
Hexachloroethane	86		89		40-140	3		50
Isophorone	85		81		40-140	5		50
Naphthalene	86		88		40-140	2		50
Nitrobenzene	84		83		40-140	1		50
NDPA/DPA	101		96		36-157	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG1935515-2 WG1935515-3								
n-Nitrosodi-n-propylamine	87		88		32-121	1		50
Bis(2-ethylhexyl)phthalate	98		93		40-140	5		50
Butyl benzyl phthalate	114		109		40-140	4		50
Di-n-butylphthalate	104		100		40-140	4		50
Di-n-octylphthalate	107		100		40-140	7		50
Diethyl phthalate	104		98		40-140	6		50
Dimethyl phthalate	111		102		40-140	8		50
Benzo(a)anthracene	100		98		40-140	2		50
Benzo(a)pyrene	109		109		40-140	0		50
Benzo(b)fluoranthene	109		109		40-140	0		50
Benzo(k)fluoranthene	102		100		40-140	2		50
Chrysene	98		97		40-140	1		50
Acenaphthylene	102		95		40-140	7		50
Anthracene	98		98		40-140	0		50
Benzo(ghi)perylene	103		100		40-140	3		50
Fluorene	97		93		40-140	4		50
Phenanthrene	91		93		40-140	2		50
Dibenzo(a,h)anthracene	106		102		40-140	4		50
Indeno(1,2,3-cd)pyrene	105		101		40-140	4		50
Pyrene	108		106		35-142	2		50
Biphenyl	93		90		37-127	3		50
4-Chloroaniline	75		67		40-140	11		50
2-Nitroaniline	109		99		47-134	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG1935515-2 WG1935515-3								
3-Nitroaniline	74		68		26-129	8		50
4-Nitroaniline	97		89		41-125	9		50
Dibenzofuran	97		94		40-140	3		50
2-Methylnaphthalene	96		95		40-140	1		50
1,2,4,5-Tetrachlorobenzene	112		110		40-117	2		50
Acetophenone	84		83		14-144	1		50
2,4,6-Trichlorophenol	126		115		30-130	9		50
p-Chloro-m-cresol	**104**	Q	98		26-103	6		50
2-Chlorophenol	89		90		25-102	1		50
2,4-Dichlorophenol	99		93		30-130	6		50
2,4-Dimethylphenol	90		85		30-130	6		50
2-Nitrophenol	96		93		30-130	3		50
4-Nitrophenol	104		97		11-114	7		50
2,4-Dinitrophenol	112		103		4-130	8		50
4,6-Dinitro-o-cresol	**131**	Q	118		10-130	10		50
Pentachlorophenol	**122**	Q	**116**	Q	17-109	5		50
Phenol	88		89		26-90	1		50
2-Methylphenol	90		88		30-130.	2		50
3-Methylphenol/4-Methylphenol	89		86		30-130	3		50
2,4,5-Trichlorophenol	124		116		30-130	7		50
Benzoic Acid	79		75		10-110	5		50
Benzyl Alcohol	93		92		40-140	1		50
Carbazole	95		95		54-128	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG1935515-2 WG1935515-3								
1,4-Dioxane	57		58		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		87		25-120
Phenol-d6	83		83		10-120
Nitrobenzene-d5	77		75		23-120
2-Fluorobiphenyl	97		94		30-120
2,4,6-Tribromophenol	117		111		10-136
4-Terphenyl-d14	107		103		18-120

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-02
Client ID: B5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 08:50
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 12:26
Analyst: AD
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.8	4.95	1	A
Aroclor 1221	ND		ug/kg	55.8	5.59	1	A
Aroclor 1232	ND		ug/kg	55.8	11.8	1	A
Aroclor 1242	ND		ug/kg	55.8	7.52	1	A
Aroclor 1248	ND		ug/kg	55.8	8.36	1	A
Aroclor 1254	ND		ug/kg	55.8	6.10	1	A
Aroclor 1260	ND		ug/kg	55.8	10.3	1	A
Aroclor 1262	ND		ug/kg	55.8	7.08	1	A
Aroclor 1268	ND		ug/kg	55.8	5.78	1	A
PCBs, Total	ND		ug/kg	55.8	4.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-06
Client ID: B4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 09:20
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 12:34
Analyst: AD
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.2	4.81	1	A
Aroclor 1221	ND		ug/kg	54.2	5.43	1	A
Aroclor 1232	ND		ug/kg	54.2	11.5	1	A
Aroclor 1242	ND		ug/kg	54.2	7.31	1	A
Aroclor 1248	ND		ug/kg	54.2	8.13	1	A
Aroclor 1254	ND		ug/kg	54.2	5.93	1	A
Aroclor 1260	ND		ug/kg	54.2	10.0	1	A
Aroclor 1262	ND		ug/kg	54.2	6.88	1	A
Aroclor 1268	ND		ug/kg	54.2	5.62	1	A
PCBs, Total	ND		ug/kg	54.2	4.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-10
Client ID: C3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 09:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 12:42
Analyst: AD
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.8	5.23	1	A
Aroclor 1221	ND		ug/kg	58.8	5.90	1	A
Aroclor 1232	ND		ug/kg	58.8	12.5	1	A
Aroclor 1242	ND		ug/kg	58.8	7.93	1	A
Aroclor 1248	ND		ug/kg	58.8	8.83	1	A
Aroclor 1254	ND		ug/kg	58.8	6.44	1	A
Aroclor 1260	ND		ug/kg	58.8	10.9	1	A
Aroclor 1262	ND		ug/kg	58.8	7.47	1	A
Aroclor 1268	ND		ug/kg	58.8	6.10	1	A
PCBs, Total	ND		ug/kg	58.8	5.23	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-14
Client ID: C4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 10:35
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 12:50
Analyst: AD
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.5	4.93	1	A
Aroclor 1221	ND		ug/kg	55.5	5.56	1	A
Aroclor 1232	ND		ug/kg	55.5	11.8	1	A
Aroclor 1242	ND		ug/kg	55.5	7.48	1	A
Aroclor 1248	ND		ug/kg	55.5	8.32	1	A
Aroclor 1254	ND		ug/kg	55.5	6.07	1	A
Aroclor 1260	ND		ug/kg	55.5	10.2	1	A
Aroclor 1262	ND		ug/kg	55.5	7.05	1	A
Aroclor 1268	ND		ug/kg	55.5	5.75	1	A
PCBs, Total	ND		ug/kg	55.5	4.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-18
Client ID: C6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 11:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 12:58
Analyst: AD
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.8	4.68	1	A
Aroclor 1221	ND		ug/kg	52.8	5.29	1	A
Aroclor 1232	ND		ug/kg	52.8	11.2	1	A
Aroclor 1242	ND		ug/kg	52.8	7.11	1	A
Aroclor 1248	ND		ug/kg	52.8	7.91	1	A
Aroclor 1254	ND		ug/kg	52.8	5.77	1	A
Aroclor 1260	ND		ug/kg	52.8	9.75	1	A
Aroclor 1262	ND		ug/kg	52.8	6.70	1	A
Aroclor 1268	ND		ug/kg	52.8	5.47	1	A
PCBs, Total	ND		ug/kg	52.8	4.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-22
Client ID: C7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 12:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 13:05
Analyst: AD
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.8	4.60	1	A
Aroclor 1221	ND		ug/kg	51.8	5.19	1	A
Aroclor 1232	ND		ug/kg	51.8	11.0	1	A
Aroclor 1242	ND		ug/kg	51.8	6.98	1	A
Aroclor 1248	ND		ug/kg	51.8	7.77	1	A
Aroclor 1254	ND		ug/kg	51.8	5.67	1	A
Aroclor 1260	ND		ug/kg	51.8	9.57	1	A
Aroclor 1262	ND		ug/kg	51.8	6.58	1	A
Aroclor 1268	ND		ug/kg	51.8	5.37	1	A
PCBs, Total	ND		ug/kg	51.8	4.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-26
Client ID: C8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 13:35
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 13:13
Analyst: AD
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.3	5.17	1	A
Aroclor 1221	ND		ug/kg	58.3	5.84	1	A
Aroclor 1232	ND		ug/kg	58.3	12.4	1	A
Aroclor 1242	ND		ug/kg	58.3	7.86	1	A
Aroclor 1248	ND		ug/kg	58.3	8.74	1	A
Aroclor 1254	ND		ug/kg	58.3	6.38	1	A
Aroclor 1260	ND		ug/kg	58.3	10.8	1	A
Aroclor 1262	ND		ug/kg	58.3	7.40	1	A
Aroclor 1268	ND		ug/kg	58.3	6.04	1	A
PCBs, Total	ND		ug/kg	58.3	5.17	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-30
Client ID: C9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 13:55
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 13:21
Analyst: AD
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.4	4.74	1	A
Aroclor 1221	ND		ug/kg	53.4	5.35	1	A
Aroclor 1232	ND		ug/kg	53.4	11.3	1	A
Aroclor 1242	ND		ug/kg	53.4	7.20	1	A
Aroclor 1248	ND		ug/kg	53.4	8.01	1	A
Aroclor 1254	ND		ug/kg	53.4	5.84	1	A
Aroclor 1260	ND		ug/kg	53.4	9.87	1	A
Aroclor 1262	ND		ug/kg	53.4	6.78	1	A
Aroclor 1268	ND		ug/kg	53.4	5.53	1	A
PCBs, Total	ND		ug/kg	53.4	4.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/17/24 11:23
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30 Batch: WG1935045-1						
Aroclor 1016	ND		ug/kg	45.6	4.05	A
Aroclor 1221	ND		ug/kg	45.6	4.57	A
Aroclor 1232	ND		ug/kg	45.6	9.67	A
Aroclor 1242	ND		ug/kg	45.6	6.15	A
Aroclor 1248	ND		ug/kg	45.6	6.84	A
Aroclor 1254	ND		ug/kg	45.6	4.99	A
Aroclor 1260	ND		ug/kg	45.6	8.43	A
Aroclor 1262	ND		ug/kg	45.6	5.79	A
Aroclor 1268	ND		ug/kg	45.6	4.73	A
PCBs, Total	ND		ug/kg	45.6	4.05	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	84		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30 Batch: WG1935045-2 WG1935045-3									
Aroclor 1016	98		100		40-140	2		50	A
Aroclor 1260	80		83		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		79		30-150	A
Decachlorobiphenyl	72		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		84		30-150	B
Decachlorobiphenyl	82		89		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-01
Client ID: B5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 08:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 04:36
Analyst: MMG
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:21
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.11	0.414	1	A
Lindane	ND		ug/kg	0.880	0.393	1	A
Alpha-BHC	ND		ug/kg	0.880	0.250	1	A
Beta-BHC	ND		ug/kg	2.11	0.801	1	A
Heptachlor	ND		ug/kg	1.06	0.474	1	A
Aldrin	ND		ug/kg	2.11	0.744	1	A
Heptachlor epoxide	1.62	J	ug/kg	3.96	1.19	1	B
Endrin	ND		ug/kg	0.880	0.361	1	A
Endrin aldehyde	ND		ug/kg	2.64	0.924	1	A
Endrin ketone	ND		ug/kg	2.11	0.544	1	A
Dieldrin	5.52		ug/kg	1.32	0.660	1	A
4,4'-DDE	8.57		ug/kg	2.11	0.488	1	B
4,4'-DDD	ND		ug/kg	2.11	0.753	1	A
4,4'-DDT	3.78		ug/kg	2.11	1.70	1	A
Endosulfan I	ND		ug/kg	2.11	0.499	1	A
Endosulfan II	ND		ug/kg	2.11	0.706	1	A
Endosulfan sulfate	ND		ug/kg	0.880	0.419	1	A
Methoxychlor	ND		ug/kg	3.96	1.23	1	A
Toxaphene	ND		ug/kg	39.6	11.1	1	A
cis-Chlordane	1.80	JIP	ug/kg	2.64	0.736	1	B
trans-Chlordane	2.30	JIP	ug/kg	2.64	0.697	1	A
Chlordane	20.6		ug/kg	17.6	7.00	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-01 Date Collected: 06/13/24 08:45

Client ID: B5_0-0.2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-01
Client ID: B5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 08:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 13:23
Analyst: MMG
Percent Solids: 75%
Methylation Date: 06/20/24 12:02

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	218	13.7	1	A
2,4,5-T	ND		ug/kg	218	6.75	1	A
2,4,5-TP (Silvex)	ND		ug/kg	218	5.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	93		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-02
Client ID: B5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 08:50
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 04:47
Analyst: MMG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.764	0.342	1	A
Alpha-BHC	ND		ug/kg	0.764	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.695	1	A
Heptachlor	ND		ug/kg	0.917	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.646	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.764	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.802	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	0.601	J	ug/kg	1.15	0.573	1	A
4,4'-DDE	1.87		ug/kg	1.83	0.424	1	B
4,4'-DDD	ND		ug/kg	1.83	0.654	1	A
4,4'-DDT	ND		ug/kg	1.83	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.433	1	A
Endosulfan II	ND		ug/kg	1.83	0.613	1	A
Endosulfan sulfate	ND		ug/kg	0.764	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.63	1	A
cis-Chlordane	ND		ug/kg	2.29	0.639	1	A
trans-Chlordane	ND		ug/kg	2.29	0.605	1	A
Chlordane	ND		ug/kg	15.3	6.07	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-02 Date Collected: 06/13/24 08:50

Client ID: B5_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-02
Client ID: B5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 08:50
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 13:42
Analyst: MMG
Percent Solids: 85%
Methylation Date: 06/20/24 12:02
Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.01	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	94		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-05
Client ID: B4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 09:15
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/18/24 18:00
Analyst: JAG
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.11	0.413	1	A
Lindane	ND		ug/kg	0.878	0.392	1	A
Alpha-BHC	ND		ug/kg	0.878	0.249	1	A
Beta-BHC	ND		ug/kg	2.11	0.799	1	A
Heptachlor	ND		ug/kg	1.05	0.472	1	A
Aldrin	ND		ug/kg	2.11	0.742	1	A
Heptachlor epoxide	ND		ug/kg	3.95	1.18	1	A
Endrin	ND		ug/kg	0.878	0.360	1	A
Endrin aldehyde	ND		ug/kg	2.63	0.922	1	A
Endrin ketone	ND		ug/kg	2.11	0.542	1	A
Dieldrin	1.37		ug/kg	1.32	0.658	1	A
4,4'-DDE	2.73		ug/kg	2.11	0.487	1	A
4,4'-DDD	ND		ug/kg	2.11	0.751	1	A
4,4'-DDT	ND		ug/kg	2.11	1.69	1	B
Endosulfan I	ND		ug/kg	2.11	0.498	1	A
Endosulfan II	ND		ug/kg	2.11	0.704	1	A
Endosulfan sulfate	ND		ug/kg	0.878	0.418	1	A
Methoxychlor	ND		ug/kg	3.95	1.23	1	A
Toxaphene	ND		ug/kg	39.5	11.1	1	A
cis-Chlordane	2.76	IP	ug/kg	2.63	0.734	1	B
trans-Chlordane	4.25		ug/kg	2.63	0.695	1	A
Chlordane	ND		ug/kg	17.6	6.98	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-05 Date Collected: 06/13/24 09:15

Client ID: B4_0-0.2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-05
Client ID: B4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 09:15
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 14:00
Analyst: MMG
Percent Solids: 75%
Methylation Date: 06/20/24 12:02
Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	220	13.8	1	A
2,4,5-T	ND		ug/kg	220	6.82	1	A
2,4,5-TP (Silvex)	ND		ug/kg	220	5.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	99		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-06
Client ID: B4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 09:20
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 04:58
Analyst: MMG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.746	0.334	1	A
Alpha-BHC	ND		ug/kg	0.746	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.679	1	A
Heptachlor	ND		ug/kg	0.896	0.402	1	A
Aldrin	ND		ug/kg	1.79	0.631	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	B
Endrin	ND		ug/kg	0.746	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.784	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	3.89		ug/kg	1.12	0.560	1	A
4,4'-DDE	3.36		ug/kg	1.79	0.414	1	B
4,4'-DDD	0.761	J	ug/kg	1.79	0.639	1	A
4,4'-DDT	ND		ug/kg	1.79	1.44	1	B
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.599	1	A
Endosulfan sulfate	ND		ug/kg	0.746	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.40	1	A
cis-Chlordane	4.33	IP	ug/kg	2.24	0.624	1	B
trans-Chlordane	4.64		ug/kg	2.24	0.591	1	A
Chlordane	ND		ug/kg	14.9	5.93	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-06 Date Collected: 06/13/24 09:20

Client ID: B4_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-06
Client ID: B4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 09:20
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 14:55
Analyst: MMG
Percent Solids: 87%
Methylation Date: 06/20/24 12:02

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	186	11.7	1	A
2,4,5-T	ND		ug/kg	186	5.78	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	103		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-09
Client ID: C3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 09:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 05:09
Analyst: MMG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:21
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.04	0.399	1	A
Lindane	ND		ug/kg	0.850	0.380	1	A
Alpha-BHC	ND		ug/kg	0.850	0.241	1	A
Beta-BHC	ND		ug/kg	2.04	0.773	1	A
Heptachlor	ND		ug/kg	1.02	0.457	1	A
Aldrin	ND		ug/kg	2.04	0.718	1	A
Heptachlor epoxide	7.17		ug/kg	3.82	1.15	1	B
Endrin	ND		ug/kg	0.850	0.348	1	A
Endrin aldehyde	ND		ug/kg	2.55	0.892	1	A
Endrin ketone	ND		ug/kg	2.04	0.525	1	A
Dieldrin	22.7		ug/kg	1.27	0.637	1	B
4,4'-DDE	23.2		ug/kg	2.04	0.472	1	B
4,4'-DDD	ND		ug/kg	2.04	0.728	1	A
4,4'-DDT	5.59		ug/kg	2.04	1.64	1	B
Endosulfan I	ND		ug/kg	2.04	0.482	1	A
Endosulfan II	ND		ug/kg	2.04	0.682	1	A
Endosulfan sulfate	ND		ug/kg	0.850	0.404	1	A
Methoxychlor	ND		ug/kg	3.82	1.19	1	A
Toxaphene	ND		ug/kg	38.2	10.7	1	A
cis-Chlordane	34.4	IP	ug/kg	2.55	0.710	1	B
trans-Chlordane	24.3		ug/kg	2.55	0.673	1	B
Chlordane	217		ug/kg	17.0	6.76	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-09 Date Collected: 06/13/24 09:40

Client ID: C3_0-0.2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-09
Client ID: C3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 09:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 15:13
Analyst: MMG
Percent Solids: 77%
Methylation Date: 06/20/24 12:02

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	211	13.3	1	A
2,4,5-T	ND		ug/kg	211	6.54	1	A
2,4,5-TP (Silvex)	ND		ug/kg	211	5.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	89		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-10
Client ID: C3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 09:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 05:21
Analyst: MMG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.778	0.348	1	A
Alpha-BHC	ND		ug/kg	0.778	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.708	1	A
Heptachlor	ND		ug/kg	0.934	0.419	1	A
Aldrin	ND		ug/kg	1.87	0.658	1	A
Heptachlor epoxide	8.04		ug/kg	3.50	1.05	1	B
Endrin	ND		ug/kg	0.778	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.817	1	A
Endrin ketone	ND		ug/kg	1.87	0.481	1	A
Dieldrin	106		ug/kg	1.17	0.584	1	B
4,4'-DDE	110		ug/kg	1.87	0.432	1	B
4,4'-DDD	1.38	J	ug/kg	1.87	0.666	1	A
4,4'-DDT	12.6		ug/kg	1.87	1.50	1	A
Endosulfan I	ND		ug/kg	1.87	0.441	1	A
Endosulfan II	ND		ug/kg	1.87	0.624	1	A
Endosulfan sulfate	ND		ug/kg	0.778	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.81	1	A
cis-Chlordane	2.14	JIP	ug/kg	2.34	0.651	1	B
trans-Chlordane	2.31	J	ug/kg	2.34	0.616	1	B
Chlordane	20.3		ug/kg	15.6	6.19	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-10 Date Collected: 06/13/24 09:45

Client ID: C3_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-10
Client ID: C3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 09:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 15:46
Analyst: EJL
Percent Solids: 82%
Methylation Date: 06/20/24 12:02

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	198	12.4	1	A
2,4,5-T	ND		ug/kg	198	6.12	1	A
2,4,5-TP (Silvex)	ND		ug/kg	198	5.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	89		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-13
Client ID: C4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 10:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 05:32
Analyst: MMG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:21
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.03	0.398	1	A
Lindane	ND		ug/kg	0.847	0.379	1	A
Alpha-BHC	ND		ug/kg	0.847	0.241	1	A
Beta-BHC	ND		ug/kg	2.03	0.771	1	A
Heptachlor	ND		ug/kg	1.02	0.456	1	A
Aldrin	ND		ug/kg	2.03	0.716	1	A
Heptachlor epoxide	1.30	J	ug/kg	3.81	1.14	1	B
Endrin	ND		ug/kg	0.847	0.347	1	A
Endrin aldehyde	ND		ug/kg	2.54	0.890	1	A
Endrin ketone	ND		ug/kg	2.03	0.524	1	A
Dieldrin	4.26		ug/kg	1.27	0.636	1	A
4,4'-DDE	10.5		ug/kg	2.03	0.470	1	B
4,4'-DDD	ND		ug/kg	2.03	0.725	1	A
4,4'-DDT	3.81		ug/kg	2.03	1.64	1	A
Endosulfan I	ND		ug/kg	2.03	0.480	1	A
Endosulfan II	ND		ug/kg	2.03	0.680	1	A
Endosulfan sulfate	ND		ug/kg	0.847	0.403	1	A
Methoxychlor	ND		ug/kg	3.81	1.19	1	A
Toxaphene	ND		ug/kg	38.1	10.7	1	A
cis-Chlordane	3.30	IP	ug/kg	2.54	0.708	1	B
trans-Chlordane	2.15	JIP	ug/kg	2.54	0.671	1	A
Chlordane	ND		ug/kg	16.9	6.74	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-13 Date Collected: 06/13/24 10:30

Client ID: C4_0-0.2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-13
Client ID: C4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 10:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 22:45
Analyst: AKM
Percent Solids: 78%
Methylation Date: 06/20/24 13:07
Extraction Method: EPA 8151A
Extraction Date: 06/19/24 09:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	211	13.3	1	A
2,4,5-T	ND		ug/kg	211	6.54	1	A
2,4,5-TP (Silvex)	ND		ug/kg	211	5.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	81		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-14
Client ID: C4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 10:35
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 05:43
Analyst: MMG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.338	1	A
Lindane	ND		ug/kg	0.720	0.322	1	A
Alpha-BHC	ND		ug/kg	0.720	0.204	1	A
Beta-BHC	ND		ug/kg	1.73	0.655	1	A
Heptachlor	ND		ug/kg	0.864	0.387	1	A
Aldrin	ND		ug/kg	1.73	0.608	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.972	1	A
Endrin	ND		ug/kg	0.720	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.756	1	A
Endrin ketone	ND		ug/kg	1.73	0.445	1	A
Dieldrin	ND		ug/kg	1.08	0.540	1	A
4,4'-DDE	3.22		ug/kg	1.73	0.399	1	B
4,4'-DDD	ND		ug/kg	1.73	0.616	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	B
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.577	1	A
Endosulfan sulfate	ND		ug/kg	0.720	0.342	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.07	1	A
cis-Chlordane	ND		ug/kg	2.16	0.602	1	A
trans-Chlordane	ND		ug/kg	2.16	0.570	1	A
Chlordane	ND		ug/kg	14.4	5.72	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-14 Date Collected: 06/13/24 10:35

Client ID: C4_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-14
Client ID: C4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 10:35
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 16:04
Analyst: EJL
Percent Solids: 88%
Methylation Date: 06/20/24 12:02

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	189	11.9	1	A
2,4,5-T	ND		ug/kg	189	5.85	1	A
2,4,5-TP (Silvex)	ND		ug/kg	189	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	91		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-17
Client ID: C6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 11:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 05:54
Analyst: MMG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:21
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.375	1	A
Lindane	ND		ug/kg	0.798	0.357	1	A
Alpha-BHC	ND		ug/kg	0.798	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.726	1	A
Heptachlor	ND		ug/kg	0.958	0.430	1	A
Aldrin	ND		ug/kg	1.92	0.675	1	A
Heptachlor epoxide	42.4		ug/kg	3.59	1.08	1	B
Endrin	ND		ug/kg	0.798	0.327	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.838	1	A
Endrin ketone	ND		ug/kg	1.92	0.493	1	A
Dieldrin	119		ug/kg	1.20	0.599	1	B
4,4'-DDE	27.1		ug/kg	1.92	0.443	1	B
4,4'-DDD	ND		ug/kg	1.92	0.683	1	A
4,4'-DDT	6.91		ug/kg	1.92	1.54	1	A
Endosulfan I	ND		ug/kg	1.92	0.453	1	A
Endosulfan II	ND		ug/kg	1.92	0.640	1	A
Endosulfan sulfate	ND		ug/kg	0.798	0.380	1	A
Methoxychlor	ND		ug/kg	3.59	1.12	1	A
Toxaphene	ND		ug/kg	35.9	10.0	1	A
cis-Chlordane	29.2	IP	ug/kg	2.40	0.667	1	B
trans-Chlordane	11.2	IP	ug/kg	2.40	0.632	1	A
Chlordane	231		ug/kg	16.0	6.35	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-17 Date Collected: 06/13/24 11:40

Client ID: C6_0-0.2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-17
Client ID: C6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 11:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 16:22
Analyst: EJL
Percent Solids: 82%
Methylation Date: 06/20/24 12:02

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	202	12.7	1	A
2,4,5-T	ND		ug/kg	202	6.26	1	A
2,4,5-TP (Silvex)	ND		ug/kg	202	5.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	75		30-150	A
DCAA	67		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-18
Client ID: C6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 11:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 06:05
Analyst: MMG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.724	0.324	1	A
Alpha-BHC	ND		ug/kg	0.724	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.659	1	A
Heptachlor	ND		ug/kg	0.869	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.612	1	A
Heptachlor epoxide	4.70		ug/kg	3.26	0.978	1	B
Endrin	ND		ug/kg	0.724	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.760	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	11.8		ug/kg	1.09	0.543	1	B
4,4'-DDE	4.86		ug/kg	1.74	0.402	1	B
4,4'-DDD	0.802	J	ug/kg	1.74	0.620	1	A
4,4'-DDT	1.59	JIP	ug/kg	1.74	1.40	1	B
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.581	1	A
Endosulfan sulfate	ND		ug/kg	0.724	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.13	1	A
cis-Chlordane	2.36	IP	ug/kg	2.17	0.606	1	B
trans-Chlordane	2.02	JIP	ug/kg	2.17	0.574	1	A
Chlordane	24.5		ug/kg	14.5	5.76	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-18 Date Collected: 06/13/24 11:45

Client ID: C6_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-18
Client ID: C6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 11:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 16:41
Analyst: EJL
Percent Solids: 89%
Methylation Date: 06/20/24 12:02
Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.67	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-21
Client ID: C7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 12:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 06:17
Analyst: MMG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:21
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.766	0.342	1	A
Alpha-BHC	ND		ug/kg	0.766	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.697	1	A
Heptachlor	ND		ug/kg	0.919	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.647	1	A
Heptachlor epoxide	23.4		ug/kg	3.45	1.03	1	B
Endrin	ND		ug/kg	0.766	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.804	1	A
Endrin ketone	ND		ug/kg	1.84	0.473	1	A
Dieldrin	26.7		ug/kg	1.15	0.574	1	B
4,4'-DDE	54.4		ug/kg	1.84	0.425	1	B
4,4'-DDD	ND		ug/kg	1.84	0.656	1	A
4,4'-DDT	13.5		ug/kg	1.84	1.48	1	B
Endosulfan I	ND		ug/kg	1.84	0.434	1	A
Endosulfan II	ND		ug/kg	1.84	0.614	1	A
Endosulfan sulfate	ND		ug/kg	0.766	0.365	1	A
Methoxychlor	ND		ug/kg	3.45	1.07	1	A
Toxaphene	ND		ug/kg	34.5	9.65	1	A
cis-Chlordane	17.6	IP	ug/kg	2.30	0.640	1	B
trans-Chlordane	13.2		ug/kg	2.30	0.607	1	B
Chlordane	98.1	IP	ug/kg	15.3	6.09	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-21 Date Collected: 06/13/24 12:40

Client ID: C7_0-0.2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-21
Client ID: C7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 12:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 17:17
Analyst: EJL
Percent Solids: 86%
Methylation Date: 06/20/24 12:02

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	191	12.0	1	A
2,4,5-T	ND		ug/kg	191	5.92	1	A
2,4,5-TP (Silvex)	ND		ug/kg	191	5.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-22
Client ID: C7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 12:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 06:28
Analyst: MMG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.320	1	A
Lindane	ND		ug/kg	0.682	0.305	1	A
Alpha-BHC	ND		ug/kg	0.682	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.620	1	A
Heptachlor	ND		ug/kg	0.818	0.367	1	A
Aldrin	ND		ug/kg	1.64	0.576	1	A
Heptachlor epoxide	ND		ug/kg	3.07	0.920	1	B
Endrin	ND		ug/kg	0.682	0.279	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.716	1	A
Endrin ketone	ND		ug/kg	1.64	0.421	1	A
Dieldrin	1.12		ug/kg	1.02	0.511	1	A
4,4'-DDE	3.46		ug/kg	1.64	0.378	1	B
4,4'-DDD	ND		ug/kg	1.64	0.583	1	A
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.386	1	A
Endosulfan II	ND		ug/kg	1.64	0.546	1	A
Endosulfan sulfate	ND		ug/kg	0.682	0.324	1	A
Methoxychlor	ND		ug/kg	3.07	0.954	1	A
Toxaphene	ND		ug/kg	30.7	8.59	1	A
cis-Chlordane	1.21	JIP	ug/kg	2.04	0.570	1	B
trans-Chlordane	1.31	J	ug/kg	2.04	0.540	1	A
Chlordane	14.8		ug/kg	13.6	5.42	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-22 Date Collected: 06/13/24 12:45

Client ID: C7_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-22
Client ID: C7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 12:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 17:36
Analyst: EJL
Percent Solids: 94%
Methylation Date: 06/20/24 12:02

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	174	11.0	1	A
2,4,5-T	ND		ug/kg	174	5.40	1	A
2,4,5-TP (Silvex)	ND		ug/kg	174	4.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-25
Client ID: C8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 13:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 16:12
Analyst: JAG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.778	0.348	1	A
Alpha-BHC	ND		ug/kg	0.778	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.708	1	A
Heptachlor	ND		ug/kg	0.933	0.418	1	A
Aldrin	ND		ug/kg	1.87	0.657	1	A
Heptachlor epoxide	78.8		ug/kg	3.50	1.05	1	B
Endrin	ND		ug/kg	0.778	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.817	1	A
Endrin ketone	ND		ug/kg	1.87	0.481	1	A
Dieldrin	230		ug/kg	1.17	0.583	1	B
4,4'-DDE	80.6		ug/kg	1.87	0.432	1	B
4,4'-DDD	ND		ug/kg	1.87	0.666	1	A
4,4'-DDT	21.8		ug/kg	1.87	1.50	1	A
Endosulfan I	ND		ug/kg	1.87	0.441	1	A
Endosulfan II	ND		ug/kg	1.87	0.624	1	A
Endosulfan sulfate	ND		ug/kg	0.778	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.80	1	A
cis-Chlordane	23.2	IP	ug/kg	2.33	0.650	1	B
trans-Chlordane	29.4		ug/kg	2.33	0.616	1	B
Chlordane	223		ug/kg	15.6	6.18	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-25 Date Collected: 06/13/24 13:30

Client ID: C8_0-0.2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-25
Client ID: C8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 13:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 17:54
Analyst: EJL
Percent Solids: 84%
Methylation Date: 06/20/24 12:02

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	198	12.5	1	A
2,4,5-T	ND		ug/kg	198	6.14	1	A
2,4,5-TP (Silvex)	ND		ug/kg	198	5.27	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	108		30-150	A
DCAA	105		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-26
Client ID: C8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 13:35
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 06:39
Analyst: MMG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:21
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.766	0.342	1	A
Alpha-BHC	ND		ug/kg	0.766	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.697	1	A
Heptachlor	ND		ug/kg	0.919	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.647	1	A
Heptachlor epoxide	5.31		ug/kg	3.45	1.03	1	B
Endrin	ND		ug/kg	0.766	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.804	1	A
Endrin ketone	ND		ug/kg	1.84	0.474	1	A
Dieldrin	19.8		ug/kg	1.15	0.575	1	B
4,4'-DDE	16.8		ug/kg	1.84	0.425	1	B
4,4'-DDD	ND		ug/kg	1.84	0.656	1	A
4,4'-DDT	7.40	IP	ug/kg	1.84	1.48	1	B
Endosulfan I	ND		ug/kg	1.84	0.434	1	A
Endosulfan II	ND		ug/kg	1.84	0.614	1	A
Endosulfan sulfate	ND		ug/kg	0.766	0.365	1	A
Methoxychlor	ND		ug/kg	3.45	1.07	1	A
Toxaphene	ND		ug/kg	34.5	9.65	1	A
cis-Chlordane	2.12	JIP	ug/kg	2.30	0.640	1	B
trans-Chlordane	2.65	IP	ug/kg	2.30	0.607	1	A
Chlordane	22.3		ug/kg	15.3	6.09	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-26 Date Collected: 06/13/24 13:35

Client ID: C8_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-26
Client ID: C8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 13:35
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 18:12
Analyst: EJL
Percent Solids: 84%
Methylation Date: 06/20/24 12:02

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.02	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-29
Client ID: C9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 13:50
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 16:23
Analyst: JAG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.758	0.339	1	A
Alpha-BHC	ND		ug/kg	0.758	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.690	1	A
Heptachlor	ND		ug/kg	0.909	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.758	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.796	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.14	0.568	1	A
4,4'-DDE	3.09		ug/kg	1.82	0.420	1	B
4,4'-DDD	ND		ug/kg	1.82	0.648	1	A
4,4'-DDT	2.50		ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.608	1	A
Endosulfan sulfate	ND		ug/kg	0.758	0.361	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.55	1	A
cis-Chlordane	ND	IP	ug/kg	2.27	0.633	1	B
trans-Chlordane	0.673	J	ug/kg	2.27	0.600	1	B
Chlordane	ND		ug/kg	15.2	6.02	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-29 Date Collected: 06/13/24 13:50

Client ID: C9_0-0.2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-29
Client ID: C9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 13:50
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 18:30
Analyst: EJL
Percent Solids: 86%
Methylation Date: 06/20/24 12:02

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	191	12.0	1	A
2,4,5-T	ND		ug/kg	191	5.91	1	A
2,4,5-TP (Silvex)	ND		ug/kg	191	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	71		30-150	A
DCAA	68		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-30
Client ID: C9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 13:55
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 06:50
Analyst: MMG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.722	0.322	1	A
Alpha-BHC	ND		ug/kg	0.722	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.657	1	A
Heptachlor	ND		ug/kg	0.866	0.388	1	A
Aldrin	ND		ug/kg	1.73	0.610	1	A
Heptachlor epoxide	ND		ug/kg	3.25	0.974	1	A
Endrin	ND		ug/kg	0.722	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.758	1	A
Endrin ketone	ND		ug/kg	1.73	0.446	1	A
Dieldrin	ND		ug/kg	1.08	0.541	1	A
4,4'-DDE	ND		ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.618	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.409	1	A
Endosulfan II	ND		ug/kg	1.73	0.579	1	A
Endosulfan sulfate	ND		ug/kg	0.722	0.343	1	A
Methoxychlor	ND		ug/kg	3.25	1.01	1	A
Toxaphene	ND		ug/kg	32.5	9.09	1	A
cis-Chlordane	ND		ug/kg	2.16	0.603	1	A
trans-Chlordane	ND		ug/kg	2.16	0.571	1	A
Chlordane	ND		ug/kg	14.4	5.74	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-30 Date Collected: 06/13/24 13:55

Client ID: C9_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-30
Client ID: C9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 13:55
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 18:49
Analyst: AKM
Percent Solids: 90%
Methylation Date: 06/20/24 12:02

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.66	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-33
Client ID: DUP_06132024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 12:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/19/24 22:09
Analyst: EMR
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.99	0.390	1	A
Lindane	ND		ug/kg	0.830	0.371	1	A
Alpha-BHC	ND		ug/kg	0.830	0.236	1	A
Beta-BHC	ND		ug/kg	1.99	0.755	1	A
Heptachlor	ND		ug/kg	0.996	0.446	1	A
Aldrin	ND		ug/kg	1.99	0.701	1	A
Heptachlor epoxide	1.86	J	ug/kg	3.73	1.12	1	B
Endrin	ND		ug/kg	0.830	0.340	1	A
Endrin aldehyde	ND		ug/kg	2.49	0.871	1	A
Endrin ketone	ND		ug/kg	1.99	0.513	1	A
Dieldrin	5.46		ug/kg	1.24	0.622	1	A
4,4'-DDE	7.84		ug/kg	1.99	0.460	1	B
4,4'-DDD	ND		ug/kg	1.99	0.710	1	A
4,4'-DDT	3.58		ug/kg	1.99	1.60	1	A
Endosulfan I	ND		ug/kg	1.99	0.470	1	A
Endosulfan II	ND		ug/kg	1.99	0.665	1	A
Endosulfan sulfate	ND		ug/kg	0.830	0.395	1	A
Methoxychlor	ND		ug/kg	3.73	1.16	1	A
Toxaphene	ND		ug/kg	37.3	10.4	1	A
cis-Chlordane	1.41	JIP	ug/kg	2.49	0.694	1	B
trans-Chlordane	3.05	IP	ug/kg	2.49	0.657	1	A
Chlordane	ND		ug/kg	16.6	6.60	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-33 Date Collected: 06/13/24 12:00

Client ID: DUP_06132024 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-33
Client ID: DUP_06132024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 12:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 19:07
Analyst: AKM
Percent Solids: 79%
Methylation Date: 06/20/24 12:02

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	205	12.9	1	A
2,4,5-T	ND		ug/kg	205	6.36	1	A
2,4,5-TP (Silvex)	ND		ug/kg	205	5.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	88		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-34
Client ID: FB_06132024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 09:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 06/20/24 17:39
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 06/20/24 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-34 Date Collected: 06/13/24 09:10

Client ID: FB_06132024 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-34
Client ID: FB_06132024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 09:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 06/20/24 18:24
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 12:39

Methylation Date: 06/20/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	107		30-150	A
DCAA	98		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/18/24 14:05
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:59
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05,25,29,33 Batch: WG1935036-1						
Delta-BHC	ND		ug/kg	1.54	0.302	A
Lindane	ND		ug/kg	0.644	0.288	A
Alpha-BHC	ND		ug/kg	0.644	0.183	A
Beta-BHC	ND		ug/kg	1.54	0.586	A
Heptachlor	ND		ug/kg	0.772	0.346	A
Aldrin	ND		ug/kg	1.54	0.544	A
Heptachlor epoxide	ND		ug/kg	2.90	0.869	A
Endrin	ND		ug/kg	0.644	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.676	A
Endrin ketone	ND		ug/kg	1.54	0.398	A
Dieldrin	ND		ug/kg	0.965	0.483	A
4,4'-DDE	ND		ug/kg	1.54	0.357	A
4,4'-DDD	ND		ug/kg	1.54	0.551	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.365	A
Endosulfan II	ND		ug/kg	1.54	0.516	A
Endosulfan sulfate	ND		ug/kg	0.644	0.306	A
Methoxychlor	ND		ug/kg	2.90	0.901	A
Toxaphene	ND		ug/kg	29.0	8.11	A
cis-Chlordane	ND		ug/kg	1.93	0.538	A
trans-Chlordane	ND		ug/kg	1.93	0.510	A
Chlordane	ND		ug/kg	12.9	5.12	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/18/24 14:05
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:59
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05,25,29,33 Batch: WG1935036-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/18/24 21:21
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,06,09-10,13-14,17-18,21-22,26,30 Batch: WG1935042-1						
Delta-BHC	ND		ug/kg	1.53	0.299	A
Lindane	ND		ug/kg	0.636	0.284	A
Alpha-BHC	ND		ug/kg	0.636	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.579	A
Heptachlor	ND		ug/kg	0.763	0.342	A
Aldrin	ND		ug/kg	1.53	0.538	A
Heptachlor epoxide	ND		ug/kg	2.86	0.859	A
Endrin	ND		ug/kg	0.636	0.261	A
Endrin aldehyde	ND		ug/kg	1.91	0.668	A
Endrin ketone	ND		ug/kg	1.53	0.393	A
Dieldrin	ND		ug/kg	0.954	0.477	A
4,4'-DDE	ND		ug/kg	1.53	0.353	A
4,4'-DDD	ND		ug/kg	1.53	0.544	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.361	A
Endosulfan II	ND		ug/kg	1.53	0.510	A
Endosulfan sulfate	ND		ug/kg	0.636	0.303	A
Methoxychlor	ND		ug/kg	2.86	0.890	A
Toxaphene	ND		ug/kg	28.6	8.02	A
cis-Chlordane	ND		ug/kg	1.91	0.532	A
trans-Chlordane	ND		ug/kg	1.91	0.504	A
Chlordane	ND		ug/kg	12.7	5.06	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/18/24 21:21
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,06,09-10,13-14,17-18,21-22,26,30 Batch: WG1935042-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/19/24 20:04
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 16:45

Methylation Date: 06/19/24 15:19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,14,17-18,21-22,25-26,29-30,33 Batch: WG1936057-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.07	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	108		30-150	A
DCAA	111		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/20/24 21:30
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 09:18

Methylation Date: 06/20/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 13 Batch: WG1936386-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.09	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.36	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/20/24 16:51
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 12:39

Methylation Date: 06/20/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 34 Batch: WG1936518-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	119		30-150	A
DCAA	105		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/20/24 16:55
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 06/20/24 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 34 Batch: WG1936968-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/20/24 16:55
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 06/20/24 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 34 Batch: WG1936968-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05,25,29,33 Batch: WG1935036-2 WG1935036-3									
Delta-BHC	84		82		30-150	2		30	A
Lindane	79		78		30-150	1		30	A
Alpha-BHC	81		79		30-150	3		30	A
Beta-BHC	78		80		30-150	3		30	A
Heptachlor	82		81		30-150	1		30	A
Aldrin	77		76		30-150	1		30	A
Heptachlor epoxide	65		64		30-150	2		30	A
Endrin	80		80		30-150	0		30	A
Endrin aldehyde	66		65		30-150	2		30	A
Endrin ketone	72		71		30-150	1		30	A
Dieldrin	84		83		30-150	1		30	A
4,4'-DDE	74		73		30-150	1		30	A
4,4'-DDD	82		81		30-150	1		30	A
4,4'-DDT	83		82		30-150	1		30	A
Endosulfan I	75		74		30-150	1		30	A
Endosulfan II	79		78		30-150	1		30	A
Endosulfan sulfate	70		69		30-150	1		30	A
Methoxychlor	88		88		30-150	0		30	A
cis-Chlordane	71		70		30-150	1		30	A
trans-Chlordane	83		82		30-150	1		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05,25,29,33 Batch: WG1935036-2 WG1935036-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		68		30-150	A
Decachlorobiphenyl	64		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		73		30-150	B
Decachlorobiphenyl	67		66		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,06,09-10,13-14,17-18,21-22,26,30 Batch: WG1935042-2 WG1935042-3									
Delta-BHC	80		80		30-150	0		30	A
Lindane	69		73		30-150	6		30	A
Alpha-BHC	70		73		30-150	4		30	A
Beta-BHC	68		72		30-150	6		30	A
Heptachlor	70		74		30-150	6		30	A
Aldrin	68		71		30-150	4		30	A
Heptachlor epoxide	58		60		30-150	3		30	A
Endrin	71		77		30-150	8		30	A
Endrin aldehyde	55		66		30-150	18		30	A
Endrin ketone	65		72		30-150	10		30	A
Dieldrin	73		78		30-150	7		30	A
4,4'-DDE	65		70		30-150	7		30	A
4,4'-DDD	72		78		30-150	8		30	A
4,4'-DDT	74		79		30-150	7		30	A
Endosulfan I	65		70		30-150	7		30	A
Endosulfan II	68		74		30-150	8		30	A
Endosulfan sulfate	63		69		30-150	9		30	A
Methoxychlor	84		93		30-150	10		30	A
cis-Chlordane	62		66		30-150	6		30	A
trans-Chlordane	73		77		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,06,09-10,13-14,17-18,21-22,26,30 Batch: WG1935042-2 WG1935042-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		65		30-150	A
Decachlorobiphenyl	62		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		75		30-150	B
Decachlorobiphenyl	70		77		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,14,17-18,21-22,25-26,29-30,33 Batch: WG1936057-2 WG1936057-3									
2,4-D	95		92		30-150	3		30	A
2,4,5-T	102		98		30-150	4		30	A
2,4,5-TP (Silvex)	94		91		30-150	3		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	112		105		30-150	A
DCAA	130		122		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 13 Batch: WG1936386-2 WG1936386-3									
2,4-D	84		88		30-150	5		30	A
2,4,5-T	87		94		30-150	8		30	A
2,4,5-TP (Silvex)	82		87		30-150	6		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	88		91		30-150	A
DCAA	93		99		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 34 Batch: WG1936518-2 WG1936518-3									
2,4-D	93		96		30-150	3		25	A
2,4,5-T	92		100		30-150	8		25	A
2,4,5-TP (Silvex)	90		91		30-150	1		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	98		107		30-150	A
DCAA	108		111		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 34 Batch: WG1936968-2 WG1936968-3									
Delta-BHC	83		72		30-150	14		20	A
Lindane	84		74		30-150	12		20	A
Alpha-BHC	87		77		30-150	11		20	A
Beta-BHC	90		80		30-150	13		20	A
Heptachlor	93		80		30-150	16		20	A
Aldrin	84		75		30-150	11		20	A
Heptachlor epoxide	86		76		30-150	12		20	A
Endrin	90		78		30-150	14		20	A
Endrin aldehyde	87		77		30-150	12		20	A
Endrin ketone	96		86		30-150	11		20	A
Dieldrin	95		83		30-150	13		20	A
4,4'-DDE	86		75		30-150	13		20	A
4,4'-DDD	94		82		30-150	13		20	A
4,4'-DDT	94		78		30-150	18		20	A
Endosulfan I	84		74		30-150	13		20	A
Endosulfan II	92		81		30-150	12		20	A
Endosulfan sulfate	89		79		30-150	12		20	A
Methoxychlor	117		100		30-150	16		20	A
cis-Chlordane	79		70		30-150	12		20	A
trans-Chlordane	96		85		30-150	13		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 34 Batch: WG1936968-2 WG1936968-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		66		30-150	A
Decachlorobiphenyl	98		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		73		30-150	B
Decachlorobiphenyl	95		82		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05,25,29,33 QC Batch ID: WG1935036-4 WG1935036-5 QC Sample: L2433398-05 Client ID: B4_0-0.2													
Delta-BHC	ND	44.2	37.2	84		37.4	87		30-150	1		50	A
Lindane	ND	44.2	32.8	74		33.5	78		30-150	2		50	A
Alpha-BHC	ND	44.2	33.1	75		33.9	79		30-150	2		50	A
Beta-BHC	ND	44.2	34.0	77		34.1	79		30-150	0		50	A
Heptachlor	ND	44.2	35.6	81		36.4	84		30-150	2		50	A
Aldrin	ND	44.2	31.8	72		32.5	75		30-150	2		50	A
Heptachlor epoxide	ND	44.2	28.5	65		29.7	69		30-150	4		50	A
Endrin	ND	44.2	38.6	87		37.7	87		30-150	2		50	A
Endrin aldehyde	ND	44.2	28.4	64		29.0	67		30-150	2		50	A
Endrin ketone	ND	44.2	33.8	76		32.8	76		30-150	3		50	A
Dieldrin	1.37	44.2	36.6	80		37.1	83		30-150	1		50	A
4,4'-DDE	2.73	44.2	34.2	71		34.3	73		30-150	0		50	A
4,4'-DDD	ND	44.2	35.6	81		36.2	84		30-150	2		50	A
4,4'-DDT	ND	44.2	31.4	71		31.6	73		30-150	1		50	B
Endosulfan I	ND	44.2	31.9	72		32.2	75		30-150	1		50	A
Endosulfan II	ND	44.2	34.6	78		34.8	81		30-150	1		50	A
Endosulfan sulfate	ND	44.2	31.1	70		30.9	72		30-150	1		50	A
Methoxychlor	ND	44.2	40.3	91		39.2	91		30-150	3		50	A
cis-Chlordane	2.76IP	44.2	37.1	78		37.7	81		30-150	2		50	B
trans-Chlordane	4.25	44.2	37.5	75		38.4	79		30-150	2		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05,25,29,33 QC Batch ID: WG1935036-4 WG1935036-5 QC Sample: L2433398-05 Client ID: B4_0-0.2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		71		30-150	A
Decachlorobiphenyl	65		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		78		30-150	B
Decachlorobiphenyl	67		68		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,14,17-18,21-22,25-26,29-30,33 QC Batch ID: WG1936057-4 WG1936057-5 QC Sample: L2433398-05 Client ID: B4_0-0.2													
2,4-D	ND	219	194J	89		191J	87		30-150	2		30	A
2,4,5-T	ND	219	205J	94		200J	91		30-150	2		30	A
2,4,5-TP (Silvex)	ND	219	192J	88		186J	85		30-150	3		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	109		103		30-150	A
DCAA	118		112		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-01 Date Collected: 06/13/24 08:45

Client ID: B5_0-0.2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14000		mg/kg	10.1	2.74	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	5.07	0.386	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Arsenic, Total	13.0		mg/kg	1.01	0.211	2	06/19/24 17:26	06/20/24 11:20	EPA 3050B	1,6010D	DHL
Barium, Total	74.2		mg/kg	1.01	0.176	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.503	J	mg/kg	0.507	0.034	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.149	J	mg/kg	1.01	0.100	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Calcium, Total	6410		mg/kg	10.1	3.55	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Chromium, Total	23.6		mg/kg	1.01	0.097	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.65		mg/kg	2.03	0.168	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Copper, Total	19.1		mg/kg	1.01	0.262	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Iron, Total	20500		mg/kg	5.07	0.916	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Lead, Total	41.9		mg/kg	5.07	0.272	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Magnesium, Total	6340		mg/kg	10.1	1.56	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Manganese, Total	390		mg/kg	1.01	0.161	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Mercury, Total	0.110		mg/kg	0.093	0.061	1	06/19/24 18:02	06/20/24 09:57	EPA 7471B	1,7471B	JWN
Nickel, Total	15.3		mg/kg	2.54	0.246	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Potassium, Total	1050		mg/kg	254	14.6	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	2.03	0.262	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.507	0.287	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Sodium, Total	46.2	J	mg/kg	203	3.20	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Thallium, Total	0.820	J	mg/kg	2.03	0.320	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Vanadium, Total	31.5		mg/kg	1.01	0.206	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL
Zinc, Total	53.2		mg/kg	5.07	0.297	2	06/19/24 17:26	06/19/24 23:57	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-02
Client ID: B5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 08:50
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12400		mg/kg	9.36	2.53	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.68	0.356	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Arsenic, Total	3.75		mg/kg	0.936	0.195	2	06/19/24 17:26	06/20/24 11:24	EPA 3050B	1,6010D	DHL
Barium, Total	48.1		mg/kg	0.936	0.163	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.413	J	mg/kg	0.468	0.031	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.936	0.092	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Calcium, Total	1110		mg/kg	9.36	3.28	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Chromium, Total	18.5		mg/kg	0.936	0.090	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.23		mg/kg	1.87	0.155	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Copper, Total	14.5		mg/kg	0.936	0.241	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Iron, Total	18700		mg/kg	4.68	0.845	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Lead, Total	9.44		mg/kg	4.68	0.251	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Magnesium, Total	3490		mg/kg	9.36	1.44	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Manganese, Total	258		mg/kg	0.936	0.149	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.078	0.051	1	06/19/24 18:02	06/20/24 10:00	EPA 7471B	1,7471B	JWN
Nickel, Total	13.0		mg/kg	2.34	0.226	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Potassium, Total	868		mg/kg	234	13.5	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.87	0.241	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.468	0.265	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Sodium, Total	36.8	J	mg/kg	187	2.95	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Thallium, Total	0.738	J	mg/kg	1.87	0.295	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.1		mg/kg	0.936	0.190	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL
Zinc, Total	34.1		mg/kg	4.68	0.274	2	06/19/24 17:26	06/20/24 00:01	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-05
Client ID: B4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 09:15
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12500		mg/kg	10.6	2.87	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	5.32	0.404	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Arsenic, Total	11.0		mg/kg	1.06	0.221	2	06/19/24 17:26	06/20/24 10:39	EPA 3050B	1,6010D	DHL
Barium, Total	76.3		mg/kg	1.06	0.185	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.495	J	mg/kg	0.532	0.035	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.221	J	mg/kg	1.06	0.104	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Calcium, Total	1820		mg/kg	10.6	3.72	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Chromium, Total	21.0		mg/kg	1.06	0.102	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.30		mg/kg	2.13	0.177	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Copper, Total	18.0		mg/kg	1.06	0.275	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Iron, Total	17700		mg/kg	5.32	0.961	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Lead, Total	25.9		mg/kg	5.32	0.285	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Magnesium, Total	4410		mg/kg	10.6	1.64	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Manganese, Total	368		mg/kg	1.06	0.169	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Mercury, Total	0.575		mg/kg	0.097	0.063	1	06/19/24 18:02	06/20/24 09:31	EPA 7471B	1,7471B	JWN
Nickel, Total	15.7		mg/kg	2.66	0.258	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Potassium, Total	1450		mg/kg	266	15.3	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	2.13	0.275	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.532	0.301	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Sodium, Total	37.6	J	mg/kg	213	3.35	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Thallium, Total	0.481	J	mg/kg	2.13	0.335	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.7		mg/kg	1.06	0.216	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL
Zinc, Total	57.5		mg/kg	5.32	0.312	2	06/19/24 17:26	06/19/24 22:26	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-06
Client ID: B4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 09:20
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12900		mg/kg	9.07	2.45	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.53	0.345	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Arsenic, Total	5.53		mg/kg	0.907	0.189	2	06/19/24 17:26	06/20/24 11:28	EPA 3050B	1,6010D	DHL
Barium, Total	56.2		mg/kg	0.907	0.158	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.478		mg/kg	0.453	0.030	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.116	J	mg/kg	0.907	0.089	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Calcium, Total	1170		mg/kg	9.07	3.17	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Chromium, Total	21.5		mg/kg	0.907	0.087	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.70		mg/kg	1.81	0.150	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Copper, Total	16.2		mg/kg	0.907	0.234	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Iron, Total	19400		mg/kg	4.53	0.819	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Lead, Total	11.4		mg/kg	4.53	0.243	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Magnesium, Total	5470		mg/kg	9.07	1.40	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Manganese, Total	274		mg/kg	0.907	0.144	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Mercury, Total	0.099		mg/kg	0.078	0.051	1	06/19/24 18:02	06/20/24 10:04	EPA 7471B	1,7471B	JWN
Nickel, Total	16.4		mg/kg	2.27	0.219	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Potassium, Total	1770		mg/kg	227	13.0	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.81	0.234	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.453	0.257	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Sodium, Total	54.6	J	mg/kg	181	2.86	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Thallium, Total	0.791	J	mg/kg	1.81	0.286	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.6		mg/kg	0.907	0.184	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL
Zinc, Total	45.8		mg/kg	4.53	0.266	2	06/19/24 17:26	06/20/24 00:05	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-09
Client ID: C3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 09:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12200		mg/kg	9.99	2.70	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Antimony, Total	0.476	J	mg/kg	5.00	0.380	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Arsenic, Total	14.2		mg/kg	0.999	0.208	2	06/19/24 17:26	06/20/24 11:32	EPA 3050B	1,6010D	DHL
Barium, Total	88.5		mg/kg	0.999	0.174	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.423	J	mg/kg	0.500	0.033	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.468	J	mg/kg	0.999	0.098	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Calcium, Total	5440		mg/kg	9.99	3.50	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Chromium, Total	30.0		mg/kg	0.999	0.096	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.50		mg/kg	2.00	0.166	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Copper, Total	22.8		mg/kg	0.999	0.258	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Iron, Total	18500		mg/kg	5.00	0.902	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Lead, Total	48.0		mg/kg	5.00	0.268	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Magnesium, Total	5260		mg/kg	9.99	1.54	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Manganese, Total	372		mg/kg	0.999	0.159	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Mercury, Total	1.59		mg/kg	0.087	0.057	1	06/19/24 18:02	06/20/24 10:07	EPA 7471B	1,7471B	JWN
Nickel, Total	16.2		mg/kg	2.50	0.242	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Potassium, Total	1860		mg/kg	250	14.4	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	2.00	0.258	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.500	0.283	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Sodium, Total	43.7	J	mg/kg	200	3.15	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Thallium, Total	0.732	J	mg/kg	2.00	0.315	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.8		mg/kg	0.999	0.203	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL
Zinc, Total	71.7		mg/kg	5.00	0.293	2	06/19/24 17:26	06/20/24 00:09	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2433398
Project Number: 3858.0004Y000
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-10
Client ID: C3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 09:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14700		mg/kg	9.52	2.57	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Antimony, Total	0.541	J	mg/kg	4.76	0.362	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Arsenic, Total	15.4		mg/kg	0.952	0.198	2	06/19/24 17:26	06/20/24 11:36	EPA 3050B	1,6010D	DHL
Barium, Total	70.2		mg/kg	0.952	0.166	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.434	J	mg/kg	0.476	0.031	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.166	J	mg/kg	0.952	0.093	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Calcium, Total	1050		mg/kg	9.52	3.33	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Chromium, Total	24.1		mg/kg	0.952	0.091	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.73		mg/kg	1.90	0.158	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Copper, Total	12.6		mg/kg	0.952	0.246	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Iron, Total	24200		mg/kg	4.76	0.860	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Lead, Total	43.3		mg/kg	4.76	0.255	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Magnesium, Total	4000		mg/kg	9.52	1.46	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Manganese, Total	399		mg/kg	0.952	0.151	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Mercury, Total	0.085	J	mg/kg	0.094	0.061	1	06/19/24 18:02	06/20/24 10:10	EPA 7471B	1,7471B	JWN
Nickel, Total	14.4		mg/kg	2.38	0.230	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Potassium, Total	1190		mg/kg	238	13.7	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.90	0.246	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.476	0.269	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Sodium, Total	31.0	J	mg/kg	190	3.00	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Thallium, Total	0.851	J	mg/kg	1.90	0.300	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Vanadium, Total	33.9		mg/kg	0.952	0.193	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL
Zinc, Total	49.0		mg/kg	4.76	0.279	2	06/19/24 17:26	06/20/24 00:13	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-13 Date Collected: 06/13/24 10:30

Client ID: C4_0-0.2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16100		mg/kg	9.75	2.63	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Antimony, Total	0.573	J	mg/kg	4.87	0.370	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Arsenic, Total	16.3		mg/kg	0.975	0.203	2	06/19/24 17:26	06/20/24 11:40	EPA 3050B	1,6010D	DHL
Barium, Total	94.4		mg/kg	0.975	0.170	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.573		mg/kg	0.487	0.032	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.252	J	mg/kg	0.975	0.096	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Calcium, Total	1430		mg/kg	9.75	3.41	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Chromium, Total	27.5		mg/kg	0.975	0.094	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.76		mg/kg	1.95	0.162	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Copper, Total	25.6		mg/kg	0.975	0.251	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Iron, Total	23600		mg/kg	4.87	0.880	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Lead, Total	38.5		mg/kg	4.87	0.261	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Magnesium, Total	5140		mg/kg	9.75	1.50	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Manganese, Total	358		mg/kg	0.975	0.155	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Mercury, Total	0.975		mg/kg	0.095	0.062	1	06/19/24 18:02	06/20/24 10:13	EPA 7471B	1,7471B	JWN
Nickel, Total	20.2		mg/kg	2.44	0.236	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Potassium, Total	2450		mg/kg	244	14.0	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.95	0.251	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.487	0.276	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Sodium, Total	68.1	J	mg/kg	195	3.07	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Thallium, Total	0.761	J	mg/kg	1.95	0.307	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Vanadium, Total	37.2		mg/kg	0.975	0.198	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL
Zinc, Total	70.5		mg/kg	4.87	0.286	2	06/19/24 17:26	06/20/24 00:17	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-14 Date Collected: 06/13/24 10:35

Client ID: C4_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13100		mg/kg	8.55	2.31	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Antimony, Total	0.331	J	mg/kg	4.28	0.325	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.86		mg/kg	0.855	0.178	2	06/19/24 17:26	06/20/24 11:44	EPA 3050B	1,6010D	DHL
Barium, Total	99.7		mg/kg	0.855	0.149	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.599		mg/kg	0.428	0.028	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.106	J	mg/kg	0.855	0.084	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Calcium, Total	828		mg/kg	8.55	2.99	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Chromium, Total	21.5		mg/kg	0.855	0.082	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Cobalt, Total	10.2		mg/kg	1.71	0.142	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Copper, Total	21.0		mg/kg	0.855	0.221	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Iron, Total	22100		mg/kg	4.28	0.772	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Lead, Total	13.3		mg/kg	4.28	0.229	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Magnesium, Total	5040		mg/kg	8.55	1.32	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Manganese, Total	242		mg/kg	0.855	0.136	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.071	0.047	1	06/19/24 18:02	06/20/24 10:17	EPA 7471B	1,7471B	JWN
Nickel, Total	19.5		mg/kg	2.14	0.207	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Potassium, Total	4440		mg/kg	214	12.3	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.71	0.221	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.428	0.242	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Sodium, Total	79.2	J	mg/kg	171	2.69	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Thallium, Total	1.16	J	mg/kg	1.71	0.269	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Vanadium, Total	32.6		mg/kg	0.855	0.174	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL
Zinc, Total	54.0		mg/kg	4.28	0.250	2	06/19/24 17:26	06/20/24 00:21	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-17 Date Collected: 06/13/24 11:40

Client ID: C6_0-0.2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10700		mg/kg	9.70	2.62	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Antimony, Total	0.568	J	mg/kg	4.85	0.368	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Arsenic, Total	29.6		mg/kg	0.970	0.202	2	06/19/24 17:26	06/20/24 11:48	EPA 3050B	1,6010D	DHL
Barium, Total	76.6		mg/kg	0.970	0.169	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.378	J	mg/kg	0.485	0.032	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.618	J	mg/kg	0.970	0.095	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Calcium, Total	773		mg/kg	9.70	3.39	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Chromium, Total	35.8		mg/kg	0.970	0.093	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.11		mg/kg	1.94	0.161	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Copper, Total	14.8		mg/kg	0.970	0.250	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Iron, Total	15900		mg/kg	4.85	0.875	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Lead, Total	37.8		mg/kg	4.85	0.260	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Magnesium, Total	2930		mg/kg	9.70	1.49	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Manganese, Total	381		mg/kg	0.970	0.154	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Mercury, Total	0.739		mg/kg	0.082	0.053	1	06/19/24 18:02	06/20/24 10:27	EPA 7471B	1,7471B	JWN
Nickel, Total	11.8		mg/kg	2.42	0.235	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Potassium, Total	1370		mg/kg	242	14.0	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.94	0.250	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.485	0.274	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Sodium, Total	28.7	J	mg/kg	194	3.05	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Thallium, Total	0.513	J	mg/kg	1.94	0.305	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Vanadium, Total	21.6		mg/kg	0.970	0.197	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL
Zinc, Total	51.9		mg/kg	4.85	0.284	2	06/19/24 17:26	06/20/24 00:25	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-18
Client ID: C6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 11:45
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13800		mg/kg	8.58	2.32	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Antimony, Total	0.400	J	mg/kg	4.29	0.326	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Arsenic, Total	3.62		mg/kg	0.858	0.178	2	06/19/24 17:26	06/20/24 11:52	EPA 3050B	1,6010D	DHL
Barium, Total	76.5		mg/kg	0.858	0.149	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.459		mg/kg	0.429	0.028	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.113	J	mg/kg	0.858	0.084	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Calcium, Total	884		mg/kg	8.58	3.00	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Chromium, Total	20.9		mg/kg	0.858	0.082	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.98		mg/kg	1.72	0.142	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Copper, Total	16.4		mg/kg	0.858	0.221	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Iron, Total	21500		mg/kg	4.29	0.775	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Lead, Total	10.3		mg/kg	4.29	0.230	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Magnesium, Total	4260		mg/kg	8.58	1.32	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Manganese, Total	295		mg/kg	0.858	0.136	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.089	0.058	1	06/19/24 18:02	06/20/24 10:30	EPA 7471B	1,7471B	JWN
Nickel, Total	17.1		mg/kg	2.14	0.208	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Potassium, Total	2450		mg/kg	214	12.4	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.72	0.221	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.429	0.243	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Sodium, Total	45.9	J	mg/kg	172	2.70	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Thallium, Total	0.731	J	mg/kg	1.72	0.270	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Vanadium, Total	30.1		mg/kg	0.858	0.174	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL
Zinc, Total	45.1		mg/kg	4.29	0.251	2	06/19/24 17:26	06/20/24 00:29	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-21 Date Collected: 06/13/24 12:40

Client ID: C7_0-0.2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12000		mg/kg	8.80	2.38	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Antimony, Total	0.598	J	mg/kg	4.40	0.334	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Arsenic, Total	52.9		mg/kg	0.880	0.183	2	06/19/24 17:26	06/20/24 11:56	EPA 3050B	1,6010D	DHL
Barium, Total	73.5		mg/kg	0.880	0.153	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.343	J	mg/kg	0.440	0.029	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.436	J	mg/kg	0.880	0.086	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Calcium, Total	1080		mg/kg	8.80	3.08	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Chromium, Total	47.2		mg/kg	0.880	0.085	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.32		mg/kg	1.76	0.146	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Copper, Total	19.8		mg/kg	0.880	0.227	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Iron, Total	18900		mg/kg	4.40	0.795	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Lead, Total	94.7		mg/kg	4.40	0.236	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Magnesium, Total	4020		mg/kg	8.80	1.36	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Manganese, Total	280		mg/kg	0.880	0.140	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Mercury, Total	0.342		mg/kg	0.087	0.057	1	06/19/24 18:02	06/20/24 10:33	EPA 7471B	1,7471B	JWN
Nickel, Total	15.3		mg/kg	2.20	0.213	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Potassium, Total	2070		mg/kg	220	12.7	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.76	0.227	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.440	0.249	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Sodium, Total	40.8	J	mg/kg	176	2.77	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Thallium, Total	0.690	J	mg/kg	1.76	0.277	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Vanadium, Total	30.0		mg/kg	0.880	0.179	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL
Zinc, Total	57.9		mg/kg	4.40	0.258	2	06/19/24 17:26	06/20/24 00:33	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-22 Date Collected: 06/13/24 12:45

Client ID: C7_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13600		mg/kg	8.10	2.19	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Antimony, Total	0.351	J	mg/kg	4.05	0.308	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Arsenic, Total	6.20		mg/kg	0.810	0.168	2	06/19/24 17:26	06/20/24 12:16	EPA 3050B	1,6010D	DHL
Barium, Total	104		mg/kg	0.810	0.141	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.370	J	mg/kg	0.405	0.027	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.089	J	mg/kg	0.810	0.079	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Calcium, Total	679		mg/kg	8.10	2.83	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Chromium, Total	24.8		mg/kg	0.810	0.078	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Cobalt, Total	12.3		mg/kg	1.62	0.134	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Copper, Total	23.4		mg/kg	0.810	0.209	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Iron, Total	23400		mg/kg	4.05	0.731	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Lead, Total	18.7		mg/kg	4.05	0.217	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Magnesium, Total	5620		mg/kg	8.10	1.25	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Manganese, Total	263		mg/kg	0.810	0.129	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.081	0.053	1	06/19/24 18:02	06/20/24 10:37	EPA 7471B	1,7471B	JWN
Nickel, Total	20.4		mg/kg	2.02	0.196	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Potassium, Total	4610		mg/kg	202	11.7	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.62	0.209	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.405	0.229	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Sodium, Total	81.2	J	mg/kg	162	2.55	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Thallium, Total	1.06	J	mg/kg	1.62	0.255	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Vanadium, Total	32.4		mg/kg	0.810	0.164	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL
Zinc, Total	51.6		mg/kg	4.05	0.237	2	06/19/24 17:26	06/20/24 00:45	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-25
Client ID: C8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 13:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17700		mg/kg	9.26	2.50	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Antimony, Total	1.29	J	mg/kg	4.63	0.352	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Arsenic, Total	139		mg/kg	0.926	0.193	2	06/19/24 17:26	06/20/24 12:20	EPA 3050B	1,6010D	DHL
Barium, Total	121		mg/kg	0.926	0.161	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.669		mg/kg	0.463	0.031	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.838	J	mg/kg	0.926	0.091	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Calcium, Total	876		mg/kg	9.26	3.24	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Chromium, Total	61.9		mg/kg	0.926	0.089	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Cobalt, Total	10.5		mg/kg	1.85	0.154	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Copper, Total	21.6		mg/kg	0.926	0.239	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Iron, Total	22400		mg/kg	4.63	0.837	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Lead, Total	93.6		mg/kg	4.63	0.248	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Magnesium, Total	4360		mg/kg	9.26	1.43	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Manganese, Total	722		mg/kg	0.926	0.147	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Mercury, Total	0.685		mg/kg	0.083	0.054	1	06/19/24 18:02	06/20/24 10:40	EPA 7471B	1,7471B	JWN
Nickel, Total	18.1		mg/kg	2.32	0.224	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Potassium, Total	1590		mg/kg	232	13.3	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Selenium, Total	0.555	J	mg/kg	1.85	0.239	2	06/19/24 17:26	06/20/24 12:20	EPA 3050B	1,6010D	DHL
Silver, Total	0.270	J	mg/kg	0.463	0.262	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Sodium, Total	38.6	J	mg/kg	185	2.92	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Thallium, Total	0.733	J	mg/kg	1.85	0.292	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Vanadium, Total	36.0		mg/kg	0.926	0.188	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL
Zinc, Total	70.8		mg/kg	4.63	0.271	2	06/19/24 17:26	06/20/24 00:49	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-26
Client ID: C8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 13:35
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16100		mg/kg	9.13	2.46	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Antimony, Total	0.440	J	mg/kg	4.56	0.347	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Arsenic, Total	11.2		mg/kg	0.913	0.190	2	06/19/24 17:26	06/20/24 12:24	EPA 3050B	1,6010D	DHL
Barium, Total	83.4		mg/kg	0.913	0.159	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.564		mg/kg	0.456	0.030	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.146	J	mg/kg	0.913	0.090	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Calcium, Total	562		mg/kg	9.13	3.20	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Chromium, Total	28.8		mg/kg	0.913	0.088	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.68		mg/kg	1.82	0.152	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Copper, Total	19.2		mg/kg	0.913	0.236	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Iron, Total	25000		mg/kg	4.56	0.824	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Lead, Total	15.0		mg/kg	4.56	0.245	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Magnesium, Total	4900		mg/kg	9.13	1.40	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Manganese, Total	366		mg/kg	0.913	0.145	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Mercury, Total	0.077	J	mg/kg	0.088	0.057	1	06/19/24 18:02	06/20/24 10:43	EPA 7471B	1,7471B	JWN
Nickel, Total	17.4		mg/kg	2.28	0.221	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Potassium, Total	1890		mg/kg	228	13.1	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.82	0.236	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.456	0.258	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Sodium, Total	46.4	J	mg/kg	182	2.88	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Thallium, Total	1.03	J	mg/kg	1.82	0.288	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Vanadium, Total	36.5		mg/kg	0.913	0.185	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL
Zinc, Total	46.8		mg/kg	4.56	0.267	2	06/19/24 17:26	06/20/24 00:53	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-29 Date Collected: 06/13/24 13:50

Client ID: C9_0-0.2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16500		mg/kg	9.30	2.51	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Antimony, Total	0.504	J	mg/kg	4.65	0.354	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Arsenic, Total	3.33		mg/kg	0.930	0.194	2	06/19/24 17:26	06/20/24 12:28	EPA 3050B	1,6010D	DHL
Barium, Total	97.8		mg/kg	0.930	0.162	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.450	J	mg/kg	0.465	0.031	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.930	0.091	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Calcium, Total	612		mg/kg	9.30	3.26	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Chromium, Total	23.3		mg/kg	0.930	0.089	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Cobalt, Total	11.1		mg/kg	1.86	0.154	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Copper, Total	16.0		mg/kg	0.930	0.240	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Iron, Total	25700		mg/kg	4.65	0.840	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Lead, Total	8.48		mg/kg	4.65	0.249	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Magnesium, Total	5500		mg/kg	9.30	1.43	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Manganese, Total	312		mg/kg	0.930	0.148	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.087	0.057	1	06/19/24 18:02	06/20/24 10:46	EPA 7471B	1,7471B	JWN
Nickel, Total	17.8		mg/kg	2.33	0.225	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Potassium, Total	3080		mg/kg	233	13.4	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.86	0.240	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.465	0.263	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Sodium, Total	55.1	J	mg/kg	186	2.93	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Thallium, Total	1.10	J	mg/kg	1.86	0.293	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Vanadium, Total	37.8		mg/kg	0.930	0.189	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL
Zinc, Total	48.8		mg/kg	4.65	0.273	2	06/19/24 17:26	06/20/24 00:57	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-30 Date Collected: 06/13/24 13:55

Client ID: C9_0.2-2 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14200		mg/kg	8.48	2.29	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.24	0.322	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Arsenic, Total	0.818	J	mg/kg	0.848	0.176	2	06/19/24 17:26	06/20/24 12:32	EPA 3050B	1,6010D	DHL
Barium, Total	94.7		mg/kg	0.848	0.148	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.435		mg/kg	0.424	0.028	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.848	0.083	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Calcium, Total	435		mg/kg	8.48	2.97	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Chromium, Total	23.8		mg/kg	0.848	0.081	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Cobalt, Total	11.0		mg/kg	1.70	0.141	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Copper, Total	20.4		mg/kg	0.848	0.219	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Iron, Total	23400		mg/kg	4.24	0.766	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Lead, Total	6.66		mg/kg	4.24	0.227	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Magnesium, Total	5460		mg/kg	8.48	1.30	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Manganese, Total	326		mg/kg	0.848	0.135	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.082	0.054	1	06/19/24 18:02	06/20/24 10:50	EPA 7471B	1,7471B	JWN
Nickel, Total	17.2		mg/kg	2.12	0.205	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Potassium, Total	4290		mg/kg	212	12.2	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.70	0.219	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.424	0.240	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Sodium, Total	66.4	J	mg/kg	170	2.67	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Thallium, Total	1.44	J	mg/kg	1.70	0.267	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Vanadium, Total	34.3		mg/kg	0.848	0.172	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL
Zinc, Total	44.7		mg/kg	4.24	0.248	2	06/19/24 17:26	06/20/24 01:01	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-33
Client ID: DUP_06132024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/13/24 12:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15400		mg/kg	9.66	2.61	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Antimony, Total	0.542	J	mg/kg	4.83	0.367	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Arsenic, Total	20.3		mg/kg	0.966	0.201	2	06/19/24 17:26	06/20/24 12:36	EPA 3050B	1,6010D	DHL
Barium, Total	86.4		mg/kg	0.966	0.168	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.573		mg/kg	0.483	0.032	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.222	J	mg/kg	0.966	0.095	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Calcium, Total	5110		mg/kg	9.66	3.38	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Chromium, Total	28.3		mg/kg	0.966	0.093	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.03		mg/kg	1.93	0.160	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Copper, Total	19.6		mg/kg	0.966	0.249	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Iron, Total	21600		mg/kg	4.83	0.872	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Lead, Total	65.9		mg/kg	4.83	0.259	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Magnesium, Total	6100		mg/kg	9.66	1.49	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Manganese, Total	470		mg/kg	0.966	0.154	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Mercury, Total	0.236		mg/kg	0.092	0.060	1	06/19/24 18:02	06/20/24 10:53	EPA 7471B	1,7471B	JWN
Nickel, Total	17.2		mg/kg	2.41	0.234	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Potassium, Total	1180		mg/kg	241	13.9	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.93	0.249	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.483	0.273	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Sodium, Total	45.3	J	mg/kg	193	3.04	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Thallium, Total	0.771	J	mg/kg	1.93	0.304	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Vanadium, Total	34.5		mg/kg	0.966	0.196	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL
Zinc, Total	66.3		mg/kg	4.83	0.283	2	06/19/24 17:26	06/20/24 01:05	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-34 Date Collected: 06/13/24 09:10

Client ID: FB_06132024 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00438	J	mg/l	0.0100	0.00327	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Barium, Total	0.00018	J	mg/l	0.00050	0.00017	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/18/24 22:41	06/20/24 11:43	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/18/24 22:33	06/20/24 07:49	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 34 Batch: WG1935929-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Arsenic, Total	0.00021	J	mg/l	0.00050	0.00016	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/18/24 22:33	06/20/24 07:45	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 34 Batch: WG1935930-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/18/24 22:41	06/20/24 10:47	1,7470A	MJR

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433398

Project Number: 3858.0004Y000 **Report Date:** 06/21/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 Batch: WG1936261-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/19/24 17:26	06/20/24 10:31	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Iron, Total	2.77		mg/kg	2.00	0.361	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Sodium, Total	2.07	J	mg/kg	80.0	1.26	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/19/24 17:26	06/19/24 22:05	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 Batch: WG1936264-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/19/24 18:02	06/20/24 09:24	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 34 Batch: WG1935929-2								
Aluminum, Total	107		-		80-120	-		
Antimony, Total	92		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	97		-		80-120	-		
Beryllium, Total	97		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Calcium, Total	105		-		80-120	-		
Chromium, Total	109		-		80-120	-		
Cobalt, Total	105		-		80-120	-		
Copper, Total	101		-		80-120	-		
Iron, Total	108		-		80-120	-		
Lead, Total	95		-		80-120	-		
Magnesium, Total	103		-		80-120	-		
Manganese, Total	107		-		80-120	-		
Nickel, Total	103		-		80-120	-		
Potassium, Total	110		-		80-120	-		
Selenium, Total	96		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	105		-		80-120	-		
Thallium, Total	89		-		80-120	-		
Vanadium, Total	105		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 34 Batch: WG1935929-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 34 Batch: WG1935930-2					
Mercury, Total	104	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 Batch: WG1936261-2					
Aluminum, Total	96	-	80-120	-	
Antimony, Total	91	-	80-120	-	
Arsenic, Total	97	-	80-120	-	
Barium, Total	94	-	80-120	-	
Beryllium, Total	96	-	80-120	-	
Cadmium, Total	90	-	80-120	-	
Calcium, Total	91	-	80-120	-	
Chromium, Total	91	-	80-120	-	
Cobalt, Total	92	-	80-120	-	
Copper, Total	91	-	80-120	-	
Iron, Total	100	-	80-120	-	
Lead, Total	91	-	80-120	-	
Magnesium, Total	87	-	80-120	-	
Manganese, Total	96	-	80-120	-	
Nickel, Total	90	-	80-120	-	
Potassium, Total	102	-	80-120	-	
Selenium, Total	87	-	80-120	-	
Silver, Total	92	-	80-120	-	
Sodium, Total	99	-	80-120	-	
Thallium, Total	87	-	80-120	-	
Vanadium, Total	92	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 Batch: WG1936261-2					
Zinc, Total	92	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 Batch: WG1936264-2					
Mercury, Total	104	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 34 QC Batch ID: WG1935929-3 QC Sample: L2432970-09 Client ID: MS Sample												
Aluminum, Total	ND	2	2.19	110		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.4512	90		-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.1238	103		-	-		75-125	-		20
Barium, Total	0.00018J	2	1.923	96		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.04903	98		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05197	98		-	-		75-125	-		20
Calcium, Total	ND	10	9.25	92		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.2106	105		-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.5195	104		-	-		75-125	-		20
Copper, Total	ND	0.25	0.2557	102		-	-		75-125	-		20
Iron, Total	ND	1	1.09	109		-	-		75-125	-		20
Lead, Total	ND	0.53	0.5260	99		-	-		75-125	-		20
Magnesium, Total	ND	10	10.4	104		-	-		75-125	-		20
Manganese, Total	ND	0.5	0.5352	107		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.5197	104		-	-		75-125	-		20
Potassium, Total	ND	10	11.2	112		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.121	101		-	-		75-125	-		20
Silver, Total	ND	0.05	0.04948	99		-	-		75-125	-		20
Sodium, Total	0.0957J	10	10.5	105		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1089	91		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.5212	104		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 34 QC Batch ID: WG1935929-3 QC Sample: L2432970-09 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5212	104	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 34 QC Batch ID: WG1935930-3 QC Sample: L2433270-03 Client ID: MS Sample									
Mercury, Total	0.00034	0.005	0.00552	104	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 QC Batch ID: WG1936261-3 WG1936261-4 QC Sample: L2433398-05 Client ID: B4_0-0.2											
Aluminum, Total	12500	213	11700	**0**	Q	13900	**677**	Q	75-125	17	20
Antimony, Total	ND	53.3	38.3	**72**	Q	37.8	**73**	Q	75-125	1	20
Arsenic, Total	11.0	12.8	20.6	75		23.6	102		75-125	14	20
Barium, Total	76.3	213	246	80		258	88		75-125	5	20
Beryllium, Total	0.495J	5.33	4.93	92		4.94	96		75-125	0	20
Cadmium, Total	0.221J	5.65	4.50	80		4.44	81		75-125	1	20
Calcium, Total	1820	1060	2490	**63**	Q	2880	102		75-125	15	20
Chromium, Total	21.0	21.3	36.2	**71**	Q	39.0	87		75-125	7	20
Cobalt, Total	7.30	53.3	48.9	78		48.7	80		75-125	0	20
Copper, Total	18.0	26.6	37.8	**74**	Q	39.9	85		75-125	5	20
Iron, Total	17700	106	16000	**0**	Q	19300	**1550**	Q	75-125	19	20
Lead, Total	25.9	56.5	70.9	80		74.5	89		75-125	5	20
Magnesium, Total	4410	1060	4700	**27**	Q	5570	112		75-125	17	20
Manganese, Total	368	53.3	453	**160**	Q	440	**139**	Q	75-125	3	20
Nickel, Total	15.7	53.3	54.8	**73**	Q	56.8	79		75-125	4	20
Potassium, Total	1450	1060	2150	**66**	Q	2590	110		75-125	19	20
Selenium, Total	ND	12.8	7.80	**61**	Q	7.18	**58**	Q	75-125	8	20
Silver, Total	ND	5.33	4.38	82		4.36	84		75-125	0	20
Sodium, Total	37.6J	1060	940	88		933	90		75-125	1	20
Thallium, Total	0.481J	12.8	11.0	86		11.3	91		75-125	3	20
Vanadium, Total	27.7	53.3	68.0	76		71.9	85		75-125	6	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 QC Batch ID: WG1936261-3 WG1936261-4 QC Sample: L2433398-05 Client ID: B4_0-0.2										
Zinc, Total	57.5	53.3	92.8	**66**	Q	99.3	81	75-125	7	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 QC Batch ID: WG1936264-3 WG1936264-4 QC Sample: L2433398-05 Client ID: B4_0-0.2										
Mercury, Total	0.575	1.92	2.50	100		2.57	102	80-120	3	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 34 QC Batch ID: WG1935929-4 QC Sample: L2432970-09 Client ID: DUP Sample						
Aluminum, Total	ND	ND	mg/l	NC		20
Antimony, Total	ND	0.00089J	mg/l	NC		20
Arsenic, Total	ND	ND	mg/l	NC		20
Barium, Total	0.00018J	0.00020J	mg/l	NC		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	ND	ND	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Cobalt, Total	ND	ND	mg/l	NC		20
Copper, Total	ND	ND	mg/l	NC		20
Iron, Total	ND	ND	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Magnesium, Total	ND	ND	mg/l	NC		20
Manganese, Total	ND	ND	mg/l	NC		20
Nickel, Total	ND	ND	mg/l	NC		20
Potassium, Total	ND	ND	mg/l	NC		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	0.0957J	0.0981J	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 34 QC Batch ID: WG1935929-4 QC Sample: L2432970-09 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 34 QC Batch ID: WG1935930-4 QC Sample: L2433270-03 Client ID: DUP Sample					
Mercury, Total	0.00034	0.00029	mg/l	16	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2433398
Report Date: 06/21/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 QC Batch ID: WG1936261-6 QC Sample: L2433398-05 Client ID: B4_0-0.2						
Aluminum, Total	12500	13100	mg/kg	5		20
Barium, Total	76.3	79.6	mg/kg	4		20
Calcium, Total	1820	1920	mg/kg	5		20
Iron, Total	17700	19100	mg/kg	8		20
Magnesium, Total	4410	4720	mg/kg	7		20
Manganese, Total	368	392	mg/kg	7		20
Vanadium, Total	27.7	28.4	mg/kg	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-01
Client ID: B5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 08:45
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.7		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.07	0.214	1	06/19/24 13:21	06/20/24 13:46	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-02
Client ID: B5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 08:50
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/18/24 20:00	06/19/24 14:50	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.946	0.189	1	06/19/24 13:21	06/20/24 13:46	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-05
Client ID: B4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 09:15
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.5		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.07	0.215	1	06/19/24 13:21	06/20/24 13:46	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-06
Client ID: B4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 09:20
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/18/24 20:00	06/19/24 14:53	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.918	0.184	1	06/19/24 13:21	06/20/24 13:46	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-09
Client ID: C3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 09:40
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.0		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.04	0.208	1	06/19/24 13:21	06/20/24 13:46	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-10
Client ID: C3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 09:45
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/18/24 20:00	06/19/24 14:56	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.971	0.194	1	06/19/24 13:21	06/20/24 13:46	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-13
Client ID: C4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 10:30
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.02	0.205	1	06/19/24 13:21	06/20/24 13:46	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-14
Client ID: C4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 10:35
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/18/24 20:00	06/19/24 14:57	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.909	0.182	1	06/19/24 13:21	06/20/24 13:46	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-17
Client ID: C6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 11:40
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.980	0.196	1	06/19/24 13:21	06/20/24 13:46	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-18
Client ID: C6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 11:45
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/18/24 20:00	06/19/24 14:58	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.900	0.180	1	06/19/24 13:21	06/20/24 13:46	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-21
Client ID: C7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 12:40
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.930	0.186	1	06/19/24 13:21	06/20/24 14:04	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-22
Client ID: C7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 12:45
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.7		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/18/24 20:00	06/19/24 14:59	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.854	0.171	1	06/19/24 13:21	06/20/24 14:04	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-25
Client ID: C8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 13:30
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.957	0.191	1	06/19/24 13:21	06/20/24 14:04	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-26
Client ID: C8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 13:35
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/18/24 20:00	06/19/24 15:00	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.950	0.190	1	06/19/24 13:21	06/20/24 14:04	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-29
Client ID: C9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 13:50
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.933	0.187	1	06/19/24 13:21	06/20/24 14:04	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-30
Client ID: C9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 13:55
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/18/24 20:00	06/19/24 15:02	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.892	0.178	1	06/19/24 13:21	06/20/24 14:04	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-33
Client ID: DUP_06132024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 12:00
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.3		%	0.100	NA	1	-	06/14/24 10:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.01	0.202	1	06/19/24 13:21	06/20/24 14:04	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433398-34
Client ID: FB_06132024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Field Blank

Date Collected: 06/13/24 09:10
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/14/24 07:20	06/14/24 07:36	1,7196A	KAF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433398
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 34 Batch: WG1934275-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/14/24 07:20	06/14/24 07:33	1,7196A	KAF
General Chemistry - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30 Batch: WG1936099-1										
Cyanide, Total	ND		mg/kg	0.86	0.18	1	06/18/24 20:00	06/19/24 14:32	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1936499-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/19/24 13:21	06/20/24 13:46	1,7196A	LOF
General Chemistry - Westborough Lab for sample(s): 21-22,25-26,29-30,33 Batch: WG1936501-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/19/24 13:21	06/20/24 14:04	1,7196A	LOF

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 34 Batch: WG1934275-2								
Chromium, Hexavalent	99		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30 Batch: WG1936099-2 WG1936099-3								
Cyanide, Total	94		99		80-120	5		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1936499-2								
Chromium, Hexavalent	105		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29-30,33 Batch: WG1936501-2								
Chromium, Hexavalent	105		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 34 QC Batch ID: WG1934275-4 QC Sample: L2433398-34 Client ID: FB_06132024												
Chromium, Hexavalent	ND	0.1	0.093	93		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30 QC Batch ID: WG1936099-4 WG1936099-5 QC Sample: L2433398-02 Client ID: B5_0.2-2												
Cyanide, Total	ND	12	12	100		12	100		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1936499-4 WG1936499-5 QC Sample: L2433398-05 Client ID: B4_0-0.2												
Chromium, Hexavalent	ND	1650	1430	87		1450	87		75-125	0		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29-30,33 QC Batch ID: WG1936501-4 QC Sample: L2433398-22 Client ID: C7_0.2-2												
Chromium, Hexavalent	ND	1370	1200	88		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433398

Report Date: 06/21/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 34 QC Batch ID: WG1934275-3 QC Sample: L2433398-34 Client ID: FB_06132024						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 QC Batch ID: WG1934296-1 QC Sample: L2433398-05 Client ID: B4_0-0.2						
Solids, Total	74.5	79.2	%	6		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1936499-7 QC Sample: L2433398-05 Client ID: B4_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29-30,33 QC Batch ID: WG1936501-6 QC Sample: L2433398-22 Client ID: C7_0.2-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433398-01A	Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2433398-01B	Glass 120ml/4oz unpreserved	B	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-01C	Glass 250ml/8oz unpreserved	B	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-02A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-02B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-02C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-02D	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2433398-02E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2433398-02F	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-02G	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-02X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-02Y	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-02Z	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-03A	Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433398-03B	Glass 120ml/4oz unpreserved	B	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-03C	Glass 250ml/8oz unpreserved	B	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-04A	Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		HOLD-METAL(180)
L2433398-04B	Glass 120ml/4oz unpreserved	B	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-04C	Glass 250ml/8oz unpreserved	B	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-05A	Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2433398-05A1	Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2433398-05A2	Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2433398-05B	Glass 120ml/4oz unpreserved	B	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-05B1	Glass 120ml/4oz unpreserved	B	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-05B2	Glass 120ml/4oz unpreserved	B	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-05C	Glass 250ml/8oz unpreserved	B	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-05C1	Glass 250ml/8oz unpreserved	B	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-05C2	Glass 250ml/8oz unpreserved	B	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-06A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-06B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-06C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433398-06D	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2433398-06E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2433398-06F	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-06G	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-06X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-06Y	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-06Z	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-07A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2433398-07B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-07C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-08A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2433398-08B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-08C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-09A	Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2433398-09B	Glass 120ml/4oz unpreserved	B	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-09C	Glass 250ml/8oz unpreserved	B	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-10A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-10B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-10C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433398-10D	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2433398-10E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2433398-10F	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-10G	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-10X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-10Y	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-10Z	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-11A	Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		HOLD-METAL(180)
L2433398-11B	Glass 120ml/4oz unpreserved	B	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-11C	Glass 250ml/8oz unpreserved	B	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-12A	Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		HOLD-METAL(180)
L2433398-12B	Glass 120ml/4oz unpreserved	B	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-12C	Glass 250ml/8oz unpreserved	B	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-13A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2433398-13B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-13C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-14A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-14B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-14C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433398-14D	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2433398-14E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2433398-14F	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-14G	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-14X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-14Y	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-14Z	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-15A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2433398-15B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-15C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-16A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2433398-16B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-16C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-17A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2433398-17B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-17C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-18A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-18B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-18C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433398-18D	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2433398-18E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2433398-18F	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-18G	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-18X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-18Y	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-18Z	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-19A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2433398-19B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-19C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-20A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2433398-20B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-20C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-21A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2433398-21B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-21C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-22A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-22B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-22C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433398-22D	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2433398-22E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2433398-22F	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-22G	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-22X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-22Y	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-22Z	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-23A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2433398-23B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-23C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-24A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2433398-24B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-24C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-25A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2433398-25B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-25C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-26A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-26B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-26C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433398-26D	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2433398-26E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2433398-26F	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-26G	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-26X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-26Y	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-26Z	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-27A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2433398-27B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-27C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-28A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2433398-28B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-28C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-29A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2433398-29B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-29C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-30A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-30B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-30C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433398-30D	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2433398-30E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2433398-30F	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-30G	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433398-30X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2433398-30Y	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-30Z	Vial Water preserved split	A	NA		4.3	Y	Absent	14-JUN-24 12:40	NYTCL-8260HLW(14)
L2433398-31A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2433398-31B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-31C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-32A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2433398-32B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-32C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433398-33A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2433398-33B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-33C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433398-34A	Amber 120ml unpreserved	B	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2433398-34B	Amber 120ml unpreserved	B	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2433398-34C	Plastic 250ml unpreserved	B	7	7	5.0	Y	Absent		HEXCR-7196(1)
L2433398-34D	Plastic 250ml HNO3 preserved	B	<2	<2	5.0	Y	Absent		HG-T(28)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433398
Report Date: 06/21/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433398-34E	Amber 1000ml unpreserved	B	7	7	5.0	Y	Absent		HERB-APA(7)
L2433398-34F	Amber 1000ml unpreserved	B	7	7	5.0	Y	Absent		HERB-APA(7)
L2433398-35A	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2433398-35B	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433398
Project Number:	3858.0004Y000	**Report Date:**	06/21/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433398
Project Number:	3858.0004Y000	**Report Date:**	06/21/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433398
Project Number:	3858.0004Y000	**Report Date:**	06/21/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433398
Project Number:	3858.0004Y000	**Report Date:**	06/21/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/14/24

ALPHA Job #: L2433398

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
33398-01	BS-0-0.2	6/13/24	0845	S	EL			X	X	X	X				3
02	BS-0.2-2	"	0850		EL	X	X	X	X	X	X	X	X		7
03	BS-2-4	"	0855		EL			H	H	H	H			Hold	3
04	BS-4-6	"	0900		EL			H	H	H	H			Hold	3
05	BH-0-0.2	"	0915		EL			X	X	X	X			MS/MSD	9
06	BH-0.2-2	"	0920		EL	X	X	X	X	X	X	X	X		7
07	BH-2-4	"	0925		EL			H	H	H	H			Hold	3
08	BH-4-6	"	0930		EL			H	H	H	H			Hold	3
09	B3-0-0.2	"	0940		EL			X	X	X	X				3
10	B3-0.2-2	"	0945		EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/13/24 1440	WIFI (Pace)	6/13/24 14:52
WIFI (Pace)	6/13/24 18:38		6/13 2200
	6/14 130		6/14/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 4

Date Rec'd in Lab: 6/14/24

ALPHA Job #: L2433398

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
33398-11	C3-2-4	6/13/24	0950	S	EL			H	H	H	H			Hold	3
12	C3-4-6	"	0955		EL			H	H	H	H			Hold	3
13	C4-0-0.2	"	1030		EL			X	X	X	X				3
14	C4-0.2-2	"	1035		EL	X	X	X	X	X	X	X	X		7
15	C4-2-4	"	1040		EL			H	H	H	H			Hold	3
16	C4-4-6	"	1045		EL			H	H	H	H			Hold	3
17	C6-0-0.2	"	1140		EL			X	X	X	X				3
18	C6-0.2-2	"	1145		EL	X	X	X	X	X	X	X	X		7
19	C6-2-4	"	1150		EL			H	H	H	H			Hold	3
20	C6-4-6	"	1155		EL			H	H	H	H			Hold	3

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A	
Preservative	A	A	A	A	A	A	A	A	

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/13/24 1440	WIFI (Pace)	6/13/24 14:52
WIFI (Pace)	6/13/24 18:38		6/13 2200
	6/14 130		6/14/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 4

Date Rec'd in Lab: 6/14/24

ALPHA Job #: L2433398

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
33398-21	C7-0-0.2	6/13/24	1240	S	EL			X	X	X	X				3
22	C7-0.2-2	"	1245		EL	X	X	X	X	X	X	X	X		7
23	C7-2-4	"	1250		EL			H	H	H	H			HOLD	3
24	C7-4-6	"	1255		EL			H	H	H	H			HOLD	3
25	C8-0-0.2	"	1310		EL			X	X	X	X				3
26	C8-0.2-2	"	1335		EL	X	X	X	X	X	X	X	X		7
27	C8-2-4	"	1340		EL			H	H	H	H			HOLD	3
28	C8-4-6	"	1345		EL			H	H	H	H			HOLD	3
29	C9-0-0.2	"	1350		EL			X	X	X	X				3
30	C9-0.2-2	"	1355		EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/13/24 1440	WIFI (Pace)	6/13/24 14:52
WIFI (Pace)	6/13/24 18:38		6/13 2200
	6/14 0130		6/14/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 4 of 4

Date Rec'd in Lab: 6/14/24

ALPHA Job #: L2433398

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
33398-31	C9-2-4	6/13/24	1400	S	EL			H	H	H	H			Hold	3
32	C9-4-6	"	1405	S	EL			H	H	H	H			Hold	3
33	DUP-06132024	"	1200	S	EL			X	X	X	X				3
34	FB-06132024	"	0910	W	EL	[redacted]	[redacted]	X	X	X	X	[redacted]	[redacted]		6
35	TB-06132024	6/10/24	—	W	EL	X									2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/13/24 1440	WIFI (Pace)	6/13/24 14:32
WIFI (Pace)	6/13/24 18:58		6/13 2000
	6/14 130		6/14/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2433786
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/24/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2433786-01	C10_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 08:20	06/14/24
L2433786-02	C10_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 08:25	06/14/24
L2433786-03	C10_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 08:30	06/14/24
L2433786-04	C10_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 08:35	06/14/24
L2433786-05	DUP_06142024	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 12:00	06/14/24
L2433786-06	FB_06142024	FIELD BLANK	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 09:00	06/14/24
L2433786-07	C11_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 09:20	06/14/24
L2433786-08	C11_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 09:25	06/14/24
L2433786-09	C11_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 09:30	06/14/24
L2433786-10	C11_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 09:35	06/14/24
L2433786-11	C13_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 10:30	06/14/24
L2433786-12	C13_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 10:35	06/14/24
L2433786-13	C13_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 10:40	06/14/24
L2433786-14	C13_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 10:45	06/14/24
L2433786-15	C13_11-13	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 10:50	06/14/24
L2433786-16	C14_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 12:20	06/14/24
L2433786-17	C14_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 12:25	06/14/24
L2433786-18	C14_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 12:30	06/14/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2433786-19	C14_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 12:35	06/14/24
L2433786-20	D14_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 12:40	06/14/24
L2433786-21	D14_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 12:45	06/14/24
L2433786-22	D14_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 12:50	06/14/24
L2433786-23	D14_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 12:55	06/14/24
L2433786-24	D13_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 13:10	06/14/24
L2433786-25	D13_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 13:15	06/14/24
L2433786-26	D13_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 13:20	06/14/24
L2433786-27	D13_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 13:25	06/14/24
L2433786-28	D12_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 13:50	06/14/24
L2433786-29	D12_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 13:55	06/14/24
L2433786-30	D12_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 14:00	06/14/24
L2433786-31	D12_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 14:05	06/14/24
L2433786-32	TB_06142024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 00:00	06/14/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433786
Project Number:	3858.0004Y000	**Report Date:**	06/24/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786
Project Number: 3858.0004Y000 **Report Date:** 06/24/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Pesticides

The WG1937178-4 MS recoveries, performed on L2433786-07, are outside the acceptance criteria for heptachlor epoxide (29%), 4,4'-ddt (0%), cis-chlordane (0%) and trans-chlordane (28%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Total Metals

L2433786-01, -02, -05, -07, -08, -11, -12, -15, -16, -17, -20, -21, -24, -25, -28 and -29: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1936666-3/-4 MS/MSD recoveries for aluminum (571%/493%) and iron (761%/607%), performed on L2433786-07, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1936668-3/-4 MS/MSD recoveries for mercury (168%/182%), performed on L2433786-07, do not apply because the sample concentration is greater than four times the spike amount added.

Hexavalent Chromium

The WG1936919-4/-5 Insoluble MS/MSD recoveries for chromium, hexavalent (64%/46%), performed on L2433786-07, are below the acceptance criteria. The Soluble MS recovery for chromium, hexavalent (28%) was also below criteria. This has been attributed to matrix interference. A post-spike was performed with an acceptable recovery of 88%.

The WG1936919-4/-5 MS/MSD RPD for chromium, hexavalent (32%), performed on L2433786-07, is above the acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/24/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-02 Date Collected: 06/14/24 08:25
Client ID: C10_0.2-2 Date Received: 06/14/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 18:56
Analyst: MJV
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-02 Date Collected: 06/14/24 08:25

Client ID: C10_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-02 Date Collected: 06/14/24 08:25

Client ID: C10_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-08
Client ID: C11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 09:25
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 19:22
Analyst: MJV
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-08 Date Collected: 06/14/24 09:25

Client ID: C11_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-08 Date Collected: 06/14/24 09:25

Client ID: C11_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-12 Date Collected: 06/14/24 10:35
Client ID: C13_0.2-2 Date Received: 06/14/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 19:48
Analyst: MJV
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-12 Date Collected: 06/14/24 10:35

Client ID: C13_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.27	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.16	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.3	0.86	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-12 Date Collected: 06/14/24 10:35

Client ID: C13_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	110	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1
Tentatively Identified Compounds						
Total TIC Compounds	6.24	J	ug/kg			1
Unknown Alkane	3.03	J	ug/kg			1
Unknown Alkane	3.21	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-15
Client ID: C13_11-13
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 10:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 20:14
Analyst: MJV
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-15 Date Collected: 06/14/24 10:50

Client ID: C13_11-13 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-15 Date Collected: 06/14/24 10:50

Client ID: C13_11-13 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-17
Client ID: C14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 12:25
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 20:41
Analyst: MJV
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.5	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.65	0.25	1
Chlorobenzene	ND		ug/kg	0.65	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.65	0.22	1
Bromodichloromethane	ND		ug/kg	0.65	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.65	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.65	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.65	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.65	0.22	1
Benzene	ND		ug/kg	0.65	0.22	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-17 Date Collected: 06/14/24 12:25

Client ID: C14_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.65	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.73	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.65	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.84	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-17 Date Collected: 06/14/24 12:25

Client ID: C14_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	1.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-21
Client ID: D14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 12:45
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 21:07
Analyst: MJV
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.91	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.71	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-21 Date Collected: 06/14/24 12:45

Client ID: D14_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.73	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.3	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.85	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-21 Date Collected: 06/14/24 12:45

Client ID: D14_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-25
Client ID: D13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 13:15
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 21:33
Analyst: MJV
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.20	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-25 Date Collected: 06/14/24 13:15

Client ID: D13_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	120		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	6.1	J	ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.14	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-25 Date Collected: 06/14/24 13:15

Client ID: D13_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	7.03	J	ug/kg			1
Unknown Alkane	3.65	J	ug/kg			1
Unknown Alkane	3.38	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-29
Client ID: D12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 13:55
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 21:59
Analyst: MJV
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-29 Date Collected: 06/14/24 13:55

Client ID: D12_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.67	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-29 Date Collected: 06/14/24 13:55

Client ID: D12_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-32
Client ID: TB_06142024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/10/24 00:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 06/19/24 03:36
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-32 Date Collected: 06/10/24 00:00

Client ID: TB_06142024 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-32 Date Collected: 06/10/24 00:00

Client ID: TB_06142024 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 21:15
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 32 Batch: WG1936550-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 21:15
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 32 Batch: WG1936550-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 21:15
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 32 Batch: WG1936550-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/l

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 21:15
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 32 Batch: WG1936550-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 13:46
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937210-5					
Methylene chloride	3.5	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 13:46
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937210-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 13:46
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937210-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	2.73	J	ug/kg
Unknown	2.73	J	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 13:46
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937210-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 32 Batch: WG1936550-3 WG1936550-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	87		86		63-132	1		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	86		86		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	87		87		70-130	0		20
Chlorobenzene	100		99		75-130	1		20
Trichlorofluoromethane	94		92		62-150	2		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	96		95		67-130	1		20
Bromodichloromethane	99		98		67-130	1		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	98		97		70-130	1		20
1,1-Dichloropropene	100		99		70-130	1		20
Bromoform	72		73		54-136	1		20
1,1,2,2-Tetrachloroethane	110		100		67-130	10		20
Benzene	110		100		70-130	10		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	84		85		64-130	1		20
Bromomethane	49		48		39-139	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 32 Batch: WG1936550-3 WG1936550-4								
Vinyl chloride	100		95		55-140	5		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	96		95		61-145	1		20
trans-1,2-Dichloroethene	100		98		70-130	2		20
Trichloroethene	98		98		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	96		96		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	110		110		64-130	0		20
Acrylonitrile	110		110		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	85		82		36-147	4		20
Acetone	120		130		58-148	8		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	120		120		63-138	0		20
Vinyl acetate	110		96		70-130	14		20
4-Methyl-2-pentanone	110		110		59-130	0		20
2-Hexanone	110		120		57-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 32 Batch: WG1936550-3 WG1936550-4								
Bromochloromethane	97		96		70-130	1		20
2,2-Dichloropropane	100		94		63-133	6		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	90		89		64-130	1		20
Bromobenzene	94		95		70-130	1		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	98		98		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	91		85		41-144	7		20
Hexachlorobutadiene	80		81		63-130	1		20
Isopropylbenzene	99		100		70-130	1		20
p-Isopropyltoluene	99		99		70-130	0		20
Naphthalene	97		95		70-130	2		20
n-Propylbenzene	100		110		69-130	10		20
1,2,3-Trichlorobenzene	94		94		70-130	0		20
1,2,4-Trichlorobenzene	90		91		70-130	1		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	99		99		70-130	0		20
1,4-Dioxane	104		100		56-162	4		20
p-Diethylbenzene	94		96		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 32 Batch: WG1936550-3 WG1936550-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	92		91		70-130	1		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	77		73		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	115		114		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	95		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937210-3 WG1937210-4								
Methylene chloride	105		98		70-130	7		30
1,1-Dichloroethane	102		98		70-130	4		30
Chloroform	93		89		70-130	4		30
Carbon tetrachloride	92		89		70-130	3		30
1,2-Dichloropropane	101		100		70-130	1		30
Dibromochloromethane	97		98		70-130	1		30
1,1,2-Trichloroethane	94		96		70-130	2		30
Tetrachloroethene	98		97		70-130	1		30
Chlorobenzene	102		101		70-130	1		30
Trichlorofluoromethane	104		99		70-139	5		30
1,2-Dichloroethane	94		94		70-130	0		30
1,1,1-Trichloroethane	95		91		70-130	4		30
Bromodichloromethane	90		89		70-130	1		30
trans-1,3-Dichloropropene	99		100		70-130	1		30
cis-1,3-Dichloropropene	97		97		70-130	0		30
1,1-Dichloropropene	100		96		70-130	4		30
Bromoform	90		92		70-130	2		30
1,1,2,2-Tetrachloroethane	85		84		70-130	1		30
Benzene	101		98		70-130	3		30
Toluene	98		98		70-130	0		30
Ethylbenzene	99		98		70-130	1		30
Chloromethane	89		83		52-130	7		30
Bromomethane	115		109		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937210-3 WG1937210-4								
Vinyl chloride	110		104		67-130	6		30
Chloroethane	112		107		50-151	5		30
1,1-Dichloroethene	98		92		65-135	6		30
trans-1,2-Dichloroethene	99		93		70-130	6		30
Trichloroethene	100		102		70-130	2		30
1,2-Dichlorobenzene	100		101		70-130	1		30
1,3-Dichlorobenzene	101		101		70-130	0		30
1,4-Dichlorobenzene	100		101		70-130	1		30
Methyl tert butyl ether	102		98		66-130	4		30
p/m-Xylene	101		101		70-130	0		30
o-Xylene	100		100		70-130	0		30
cis-1,2-Dichloroethene	98		91		70-130	7		30
Dibromomethane	94		94		70-130	0		30
Styrene	103		103		70-130	0		30
Dichlorodifluoromethane	95		88		30-146	8		30
Acetone	94		88		54-140	7		30
Carbon disulfide	100		92		59-130	8		30
2-Butanone	88		91		70-130	3		30
Vinyl acetate	**61**	Q	**38**	Q	70-130	**46**	Q	30
4-Methyl-2-pentanone	106		110		70-130	4		30
1,2,3-Trichloropropane	97		100		68-130	3		30
2-Hexanone	92		96		70-130	4		30
Bromochloromethane	97		94		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937210-3 WG1937210-4								
2,2-Dichloropropane	92		88		70-130	4		30
1,2-Dibromoethane	94		94		70-130	0		30
1,3-Dichloropropane	102		102		69-130	0		30
1,1,1,2-Tetrachloroethane	94		95		70-130	1		30
Bromobenzene	97		101		70-130	4		30
n-Butylbenzene	103		104		70-130	1		30
sec-Butylbenzene	101		101		70-130	0		30
tert-Butylbenzene	100		100		70-130	0		30
o-Chlorotoluene	96		98		70-130	2		30
p-Chlorotoluene	95		97		70-130	2		30
1,2-Dibromo-3-chloropropane	94		96		68-130	2		30
Hexachlorobutadiene	107		107		67-130	0		30
Isopropylbenzene	102		100		70-130	2		30
p-Isopropyltoluene	103		104		70-130	1		30
Naphthalene	99		103		70-130	4		30
Acrylonitrile	98		95		70-130	3		30
n-Propylbenzene	100		101		70-130	1		30
1,2,3-Trichlorobenzene	103		107		70-130	4		30
1,2,4-Trichlorobenzene	108		111		70-130	3		30
1,3,5-Trimethylbenzene	98		99		70-130	1		30
1,2,4-Trimethylbenzene	101		101		70-130	0		30
1,4-Dioxane	116		120		65-136	3		30
p-Diethylbenzene	104		104		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937210-3 WG1937210-4								
p-Ethyltoluene	99		100		70-130	1		30
1,2,4,5-Tetramethylbenzene	100		102		70-130	2		30
Ethyl ether	102		97		67-130	5		30
trans-1,4-Dichloro-2-butene	92		95		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		91		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	93		98		70-130
Dibromofluoromethane	95		93		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-02
Client ID: C10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 08:25
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/22/24 05:43
Analyst: CMM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-02 Date Collected: 06/14/24 08:25

Client ID: C10_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-02 Date Collected: 06/14/24 08:25

Client ID: C10_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	85		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-08
Client ID: C11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 09:25
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/22/24 07:42
Analyst: CMM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-08 Date Collected: 06/14/24 09:25

Client ID: C11_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-08 Date Collected: 06/14/24 09:25

Client ID: C11_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	79		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-12
Client ID: C13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 10:35
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/22/24 06:55
Analyst: CMM
Percent Solids: 78%
Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	37.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	43.	1
2,6-Dinitrotoluene	ND		ug/kg	210	37.	1
Fluoranthene	ND		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-12 Date Collected: 06/14/24 10:35

Client ID: C13_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	33.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-12 Date Collected: 06/14/24 10:35

Client ID: C13_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Benzoic Acid	ND		ug/kg	690	220	1
Benzyl Alcohol	ND		ug/kg	210	65.	1
Carbazole	ND		ug/kg	210	21.	1
1,4-Dioxane	ND		ug/kg	32	9.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	97		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-15
Client ID: C13_11-13
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 10:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/22/24 08:30
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-15 Date Collected: 06/14/24 10:50

Client ID: C13_11-13 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-15 Date Collected: 06/14/24 10:50

Client ID: C13_11-13 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	519	J	ug/kg			1
Unknown	257	J	ug/kg			1
Unknown	262	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	87		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-17
Client ID: C14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 12:25
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/22/24 08:06
Analyst: CMM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-17 Date Collected: 06/14/24 12:25

Client ID: C14_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-17 Date Collected: 06/14/24 12:25

Client ID: C14_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1
Tentatively Identified Compounds						
Total TIC Compounds	404	J	ug/kg			1
Unknown	214	J	ug/kg			1
Unknown	190	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	84		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-21
Client ID: D14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 12:45
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/22/24 07:18
Analyst: CMM
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	55.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-21 Date Collected: 06/14/24 12:45

Client ID: D14_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	31.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-21 Date Collected: 06/14/24 12:45

Client ID: D14_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	200	63.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1
Tentatively Identified Compounds						
Total TIC Compounds	592	J	ug/kg			1
Unknown	592	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	90		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-25
Client ID: D13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 13:15
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/22/24 06:31
Analyst: CMM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-25 Date Collected: 06/14/24 13:15

Client ID: D13_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-25 Date Collected: 06/14/24 13:15

Client ID: D13_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	74		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-29
Client ID: D12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 13:55
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/22/24 06:07
Analyst: CMM
Percent Solids: 82%
Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-29 Date Collected: 06/14/24 13:55

Client ID: D12_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-29 Date Collected: 06/14/24 13:55

Client ID: D12_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	92		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/24 12:20
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 06/20/24 15:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937194-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/24 12:20
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 06/20/24 15:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937194-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/24 12:20
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 06/20/24 15:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937194-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	74		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937194-2 WG1937194-3								
Acenaphthene	60		53		31-137	12		50
1,2,4-Trichlorobenzene	67		58		38-107	14		50
Hexachlorobenzene	65		55		40-140	17		50
Bis(2-chloroethyl)ether	53		47		40-140	12		50
2-Chloronaphthalene	68		58		40-140	16		50
1,2-Dichlorobenzene	59		52		40-140	13		50
1,3-Dichlorobenzene	58		49		40-140	17		50
1,4-Dichlorobenzene	60		52		28-104	14		50
3,3'-Dichlorobenzidine	54		48		40-140	12		50
2,4-Dinitrotoluene	71		62		40-132	14		50
2,6-Dinitrotoluene	76		63		40-140	19		50
Fluoranthene	70		59		40-140	17		50
4-Chlorophenyl phenyl ether	72		63		40-140	13		50
4-Bromophenyl phenyl ether	68		61		40-140	11		50
Bis(2-chloroisopropyl)ether	54		46		40-140	16		50
Bis(2-chloroethoxy)methane	55		48		40-117	14		50
Hexachlorobutadiene	77		66		40-140	15		50
Hexachlorocyclopentadiene	55		46		40-140	18		50
Hexachloroethane	57		48		40-140	17		50
Isophorone	59		50		40-140	17		50
Naphthalene	62		52		40-140	18		50
Nitrobenzene	64		55		40-140	15		50
NDPA/DPA	64		56		36-157	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937194-2 WG1937194-3								
n-Nitrosodi-n-propylamine	60		52		32-121	14		50
Bis(2-ethylhexyl)phthalate	54		45		40-140	18		50
Butyl benzyl phthalate	59		51		40-140	15		50
Di-n-butylphthalate	60		51		40-140	16		50
Di-n-octylphthalate	51		42		40-140	19		50
Diethyl phthalate	61		53		40-140	14		50
Dimethyl phthalate	72		58		40-140	22		50
Benzo(a)anthracene	62		54		40-140	14		50
Benzo(a)pyrene	62		52		40-140	18		50
Benzo(b)fluoranthene	61		48		40-140	24		50
Benzo(k)fluoranthene	61		54		40-140	12		50
Chrysene	63		53		40-140	17		50
Acenaphthylene	69		57		40-140	19		50
Anthracene	66		55		40-140	18		50
Benzo(ghi)perylene	61		52		40-140	16		50
Fluorene	64		56		40-140	13		50
Phenanthrene	62		53		40-140	16		50
Dibenzo(a,h)anthracene	62		52		40-140	18		50
Indeno(1,2,3-cd)pyrene	59		50		40-140	17		50
Pyrene	70		59		35-142	17		50
Biphenyl	62		52		37-127	18		50
4-Chloroaniline	60		58		40-140	3		50
2-Nitroaniline	70		58		47-134	19		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937194-2 WG1937194-3								
3-Nitroaniline	54		50		26-129	8		50
4-Nitroaniline	59		50		41-125	17		50
Dibenzofuran	63		55		40-140	14		50
2-Methylnaphthalene	65		55		40-140	17		50
1,2,4,5-Tetrachlorobenzene	72		61		40-117	17		50
Acetophenone	54		48		14-144	12		50
2,4,6-Trichlorophenol	79		66		30-130	18		50
p-Chloro-m-cresol	69		56		26-103	21		50
2-Chlorophenol	60		52		25-102	14		50
2,4-Dichlorophenol	68		58		30-130	16		50
2,4-Dimethylphenol	59		51		30-130	15		50
2-Nitrophenol	68		57		30-130	18		50
4-Nitrophenol	71		59		11-114	18		50
2,4-Dinitrophenol	70		59		4-130	17		50
4,6-Dinitro-o-cresol	80		68		10-130	16		50
Pentachlorophenol	60		52		17-109	14		50
Phenol	60		51		26-90	16		50
2-Methylphenol	61		51		30-130.	18		50
3-Methylphenol/4-Methylphenol	66		56		30-130	16		50
2,4,5-Trichlorophenol	79		68		30-130	15		50
Benzoic Acid	47		39		10-110	19		50
Benzyl Alcohol	67		58		40-140	14		50
Carbazole	62		**52**	Q	54-128	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937194-2 WG1937194-3								
1,4-Dioxane	**39**	Q	**37**	Q	40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		52		25-120
Phenol-d6	61		52		10-120
Nitrobenzene-d5	65		56		23-120
2-Fluorobiphenyl	73		62		30-120
2,4,6-Tribromophenol	61		55		10-136
4-Terphenyl-d14	70		59		18-120

PCBS

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-02
Client ID: C10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 08:25
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/24 09:06
Analyst: MHG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 12:33
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.5	5.02	1	A
Aroclor 1221	ND		ug/kg	56.5	5.66	1	A
Aroclor 1232	ND		ug/kg	56.5	12.0	1	A
Aroclor 1242	ND		ug/kg	56.5	7.62	1	A
Aroclor 1248	ND		ug/kg	56.5	8.47	1	A
Aroclor 1254	ND		ug/kg	56.5	6.18	1	A
Aroclor 1260	ND		ug/kg	56.5	10.4	1	A
Aroclor 1262	ND		ug/kg	56.5	7.17	1	A
Aroclor 1268	ND		ug/kg	56.5	5.85	1	A
PCBs, Total	ND		ug/kg	56.5	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-08
Client ID: C11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 09:25
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/24 09:14
Analyst: MHG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 12:33
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.3	4.91	1	A
Aroclor 1221	ND		ug/kg	55.3	5.54	1	A
Aroclor 1232	ND		ug/kg	55.3	11.7	1	A
Aroclor 1242	ND		ug/kg	55.3	7.45	1	A
Aroclor 1248	ND		ug/kg	55.3	8.29	1	A
Aroclor 1254	ND		ug/kg	55.3	6.05	1	A
Aroclor 1260	ND		ug/kg	55.3	10.2	1	A
Aroclor 1262	ND		ug/kg	55.3	7.02	1	A
Aroclor 1268	ND		ug/kg	55.3	5.73	1	A
PCBs, Total	ND		ug/kg	55.3	4.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-12
Client ID: C13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 10:35
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/24 09:22
Analyst: MHG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 12:33
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	62.0	5.50	1	A
Aroclor 1221	ND		ug/kg	62.0	6.21	1	A
Aroclor 1232	ND		ug/kg	62.0	13.1	1	A
Aroclor 1242	ND		ug/kg	62.0	8.35	1	A
Aroclor 1248	ND		ug/kg	62.0	9.30	1	A
Aroclor 1254	ND		ug/kg	62.0	6.78	1	A
Aroclor 1260	ND		ug/kg	62.0	11.4	1	A
Aroclor 1262	ND		ug/kg	62.0	7.87	1	A
Aroclor 1268	ND		ug/kg	62.0	6.42	1	A
PCBs, Total	ND		ug/kg	62.0	5.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-15
Client ID: C13_11-13
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 10:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/24 09:30
Analyst: MHG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 12:33
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	49.7	4.41	1	A
Aroclor 1221	ND		ug/kg	49.7	4.98	1	A
Aroclor 1232	ND		ug/kg	49.7	10.5	1	A
Aroclor 1242	ND		ug/kg	49.7	6.70	1	A
Aroclor 1248	ND		ug/kg	49.7	7.46	1	A
Aroclor 1254	ND		ug/kg	49.7	5.44	1	A
Aroclor 1260	ND		ug/kg	49.7	9.18	1	A
Aroclor 1262	ND		ug/kg	49.7	6.31	1	A
Aroclor 1268	ND		ug/kg	49.7	5.15	1	A
PCBs, Total	ND		ug/kg	49.7	4.41	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-17
Client ID: C14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 12:25
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/24 09:38
Analyst: MHG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 12:33
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.3	4.73	1	A
Aroclor 1221	ND		ug/kg	53.3	5.34	1	A
Aroclor 1232	ND		ug/kg	53.3	11.3	1	A
Aroclor 1242	ND		ug/kg	53.3	7.18	1	A
Aroclor 1248	ND		ug/kg	53.3	7.99	1	A
Aroclor 1254	ND		ug/kg	53.3	5.83	1	A
Aroclor 1260	ND		ug/kg	53.3	9.85	1	A
Aroclor 1262	ND		ug/kg	53.3	6.77	1	A
Aroclor 1268	ND		ug/kg	53.3	5.52	1	A
PCBs, Total	ND		ug/kg	53.3	4.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-21
Client ID: D14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 12:45
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/24 09:45
Analyst: MHG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 12:33
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.4	5.37	1	A
Aroclor 1221	ND		ug/kg	60.4	6.06	1	A
Aroclor 1232	ND		ug/kg	60.4	12.8	1	A
Aroclor 1242	ND		ug/kg	60.4	8.15	1	A
Aroclor 1248	ND		ug/kg	60.4	9.07	1	A
Aroclor 1254	ND		ug/kg	60.4	6.61	1	A
Aroclor 1260	ND		ug/kg	60.4	11.2	1	A
Aroclor 1262	ND		ug/kg	60.4	7.68	1	A
Aroclor 1268	ND		ug/kg	60.4	6.26	1	A
PCBs, Total	ND		ug/kg	60.4	5.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-25
Client ID: D13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 13:15
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/24 09:53
Analyst: MHG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 12:33
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.9	4.88	1	A
Aroclor 1221	ND		ug/kg	54.9	5.50	1	A
Aroclor 1232	ND		ug/kg	54.9	11.6	1	A
Aroclor 1242	ND		ug/kg	54.9	7.40	1	A
Aroclor 1248	ND		ug/kg	54.9	8.24	1	A
Aroclor 1254	ND		ug/kg	54.9	6.01	1	A
Aroclor 1260	ND		ug/kg	54.9	10.1	1	A
Aroclor 1262	ND		ug/kg	54.9	6.97	1	A
Aroclor 1268	ND		ug/kg	54.9	5.69	1	A
PCBs, Total	ND		ug/kg	54.9	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-29
Client ID: D12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 13:55
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/24 10:01
Analyst: MHG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 12:33
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.5	5.20	1	A
Aroclor 1221	ND		ug/kg	58.5	5.86	1	A
Aroclor 1232	ND		ug/kg	58.5	12.4	1	A
Aroclor 1242	ND		ug/kg	58.5	7.89	1	A
Aroclor 1248	ND		ug/kg	58.5	8.78	1	A
Aroclor 1254	ND		ug/kg	58.5	6.40	1	A
Aroclor 1260	ND		ug/kg	58.5	10.8	1	A
Aroclor 1262	ND		ug/kg	58.5	7.43	1	A
Aroclor 1268	ND		ug/kg	58.5	6.06	1	A
PCBs, Total	ND		ug/kg	58.5	5.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/21/24 08:19
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 06/20/24 12:33
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937097-1						
Aroclor 1016	ND		ug/kg	46.3	4.11	A
Aroclor 1221	ND		ug/kg	46.3	4.64	A
Aroclor 1232	ND		ug/kg	46.3	9.82	A
Aroclor 1242	ND		ug/kg	46.3	6.25	A
Aroclor 1248	ND		ug/kg	46.3	6.95	A
Aroclor 1254	ND		ug/kg	46.3	5.07	A
Aroclor 1260	ND		ug/kg	46.3	8.56	A
Aroclor 1262	ND		ug/kg	46.3	5.88	A
Aroclor 1268	ND		ug/kg	46.3	4.80	A
PCBs, Total	ND		ug/kg	46.3	4.11	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	80		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,08,12,15,17,21,25,29 Batch: WG1937097-2 WG1937097-3									
Aroclor 1016	70		74		40-140	19		50	A
Aroclor 1260	65		70		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		66		30-150	A
Decachlorobiphenyl	74		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		70		30-150	B
Decachlorobiphenyl	76		79		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-01
Client ID: C10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 08:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 13:02
Analyst: EJL
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.14	0.419	1	A
Lindane	ND		ug/kg	0.891	0.398	1	A
Alpha-BHC	ND		ug/kg	0.891	0.253	1	A
Beta-BHC	ND		ug/kg	2.14	0.811	1	A
Heptachlor	ND		ug/kg	1.07	0.480	1	A
Aldrin	ND		ug/kg	2.14	0.753	1	A
Heptachlor epoxide	307		ug/kg	4.01	1.20	1	B
Endrin	ND		ug/kg	0.891	0.365	1	A
Endrin aldehyde	ND		ug/kg	2.67	0.936	1	A
Endrin ketone	ND		ug/kg	2.14	0.551	1	A
4,4'-DDD	14.0		ug/kg	2.14	0.763	1	B
Endosulfan I	ND		ug/kg	2.14	0.505	1	A
Endosulfan II	ND		ug/kg	2.14	0.715	1	A
Endosulfan sulfate	ND		ug/kg	0.891	0.424	1	A
Methoxychlor	ND		ug/kg	4.01	1.25	1	A
Toxaphene	ND		ug/kg	40.1	11.2	1	A
cis-Chlordane	168	IP	ug/kg	2.67	0.745	1	B
trans-Chlordane	173		ug/kg	2.67	0.706	1	B
Chlordane	ND		ug/kg	17.8	7.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-01
Client ID: C10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 08:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 23:34
Analyst: AKM
Percent Solids: 74%
Methylation Date: 06/20/24 16:15

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	221	14.0	1	A
2,4,5-T	ND		ug/kg	221	6.86	1	A
2,4,5-TP (Silvex)	ND		ug/kg	221	5.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	85		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-01 D
Client ID: C10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 08:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/23/24 15:32
Analyst: EJL
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	592		ug/kg	6.68	3.34	5	B
4,4'-DDE	1020		ug/kg	10.7	2.47	5	B
4,4'-DDT	620		ug/kg	10.7	8.60	5	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-02
Client ID: C10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 08:25
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 13:13
Analyst: EJL
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	A
Lindane	ND		ug/kg	0.774	0.346	1	A
Alpha-BHC	ND		ug/kg	0.774	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.704	1	A
Heptachlor	ND		ug/kg	0.928	0.416	1	A
Aldrin	ND		ug/kg	1.86	0.654	1	A
Heptachlor epoxide	41.6		ug/kg	3.48	1.04	1	B
Endrin	ND		ug/kg	0.774	0.317	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.812	1	A
Endrin ketone	ND		ug/kg	1.86	0.478	1	A
Dieldrin	73.6		ug/kg	1.16	0.580	1	B
4,4'-DDE	219		ug/kg	1.86	0.429	1	B
4,4'-DDD	1.63	J	ug/kg	1.86	0.662	1	A
4,4'-DDT	85.7		ug/kg	1.86	1.49	1	B
Endosulfan I	ND		ug/kg	1.86	0.439	1	A
Endosulfan II	ND		ug/kg	1.86	0.620	1	A
Endosulfan sulfate	ND		ug/kg	0.774	0.368	1	A
Methoxychlor	ND		ug/kg	3.48	1.08	1	A
Toxaphene	ND		ug/kg	34.8	9.75	1	A
cis-Chlordane	16.3	IP	ug/kg	2.32	0.647	1	B
trans-Chlordane	21.2		ug/kg	2.32	0.613	1	B
Chlordane	130		ug/kg	15.5	6.15	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-02 Date Collected: 06/14/24 08:25

Client ID: C10_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-02
Client ID: C10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 08:25
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 23:52
Analyst: AKM
Percent Solids: 85%
Methylation Date: 06/20/24 16:15

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	193	12.2	1	A
2,4,5-T	ND		ug/kg	193	5.98	1	A
2,4,5-TP (Silvex)	ND		ug/kg	193	5.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	105		30-150	A
DCAA	100		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-05
Client ID: DUP_06142024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 12:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 13:24
Analyst: EJL
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.03	0.397	1	A
Lindane	ND		ug/kg	0.844	0.377	1	A
Alpha-BHC	ND		ug/kg	0.844	0.240	1	A
Beta-BHC	ND		ug/kg	2.03	0.768	1	A
Heptachlor	1.70	P	ug/kg	1.01	0.454	1	B
Aldrin	ND		ug/kg	2.03	0.713	1	A
Heptachlor epoxide	320	P	ug/kg	3.80	1.14	1	B
Endrin	ND		ug/kg	0.844	0.346	1	A
Endrin aldehyde	ND		ug/kg	2.53	0.886	1	A
Endrin ketone	ND		ug/kg	2.03	0.522	1	A
4,4'-DDD	18.2		ug/kg	2.03	0.723	1	B
Endosulfan I	ND		ug/kg	2.03	0.479	1	A
Endosulfan II	ND		ug/kg	2.03	0.677	1	A
Endosulfan sulfate	ND		ug/kg	0.844	0.402	1	A
Methoxychlor	ND		ug/kg	3.80	1.18	1	A
Toxaphene	ND		ug/kg	38.0	10.6	1	A
cis-Chlordane	163	I	ug/kg	2.53	0.706	1	B
trans-Chlordane	179	P	ug/kg	2.53	0.668	1	B
Chlordane	ND		ug/kg	16.9	6.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-05
Client ID: DUP_06142024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 12:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/21/24 00:10
Analyst: AKM
Percent Solids: 76%
Methylation Date: 06/20/24 16:15

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	214	13.5	1	A
2,4,5-T	ND		ug/kg	214	6.63	1	A
2,4,5-TP (Silvex)	ND		ug/kg	214	5.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	100		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-05 D
Client ID: DUP_06142024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 12:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/23/24 15:43
Analyst: EJL
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	618		ug/kg	12.7	6.33	10	B
4,4'-DDE	1230		ug/kg	20.3	4.68	10	B
4,4'-DDT	804		ug/kg	20.3	16.3	10	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-06
Client ID: FB_06142024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 09:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 06/21/24 14:53
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 06/21/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-06 Date Collected: 06/14/24 09:00

Client ID: FB_06142024 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	103		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-06
Client ID: FB_06142024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 09:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 06/21/24 00:37
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 12:39

Methylation Date: 06/19/24 18:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	103		30-150	A
DCAA	94		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-07
Client ID: C11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 09:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 13:35
Analyst: EJL
Percent Solids: 58%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.64	0.516	1	A
Lindane	ND		ug/kg	1.10	0.491	1	A
Alpha-BHC	ND		ug/kg	1.10	0.312	1	A
Beta-BHC	ND		ug/kg	2.64	1.00	1	A
Heptachlor	ND		ug/kg	1.32	0.591	1	A
Aldrin	ND		ug/kg	2.64	0.929	1	A
Heptachlor epoxide	203		ug/kg	4.94	1.48	1	B
Endrin	ND		ug/kg	1.10	0.451	1	A
Endrin aldehyde	ND		ug/kg	3.30	1.15	1	A
Endrin ketone	ND		ug/kg	2.64	0.679	1	A
Dieldrin	51.3		ug/kg	1.65	0.824	1	B
4,4'-DDD	19.2		ug/kg	2.64	0.941	1	A
4,4'-DDT	141		ug/kg	2.64	2.12	1	B
Endosulfan I	ND		ug/kg	2.64	0.623	1	A
Endosulfan II	ND		ug/kg	2.64	0.881	1	A
Endosulfan sulfate	ND		ug/kg	1.10	0.523	1	A
Methoxychlor	ND		ug/kg	4.94	1.54	1	A
Toxaphene	ND		ug/kg	49.4	13.8	1	A
cis-Chlordane	370	IP	ug/kg	3.30	0.919	1	B
trans-Chlordane	262		ug/kg	3.30	0.870	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-07
Client ID: C11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 09:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/21/24 00:28
Analyst: AKM
Percent Solids: 58%
Methylation Date: 06/20/24 16:15

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	279	17.6	1	A
2,4,5-T	ND		ug/kg	279	8.66	1	A
2,4,5-TP (Silvex)	ND		ug/kg	279	7.43	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	104		30-150	A
DCAA	93		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-07 D
Client ID: C11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 09:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/23/24 15:55
Analyst: EJL
Percent Solids: 58%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	452		ug/kg	13.2	3.05	5	B
Chlordane	2130		ug/kg	110	43.7	5	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-08
Client ID: C11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 09:25
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 14:09
Analyst: EJL
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.363	1	A
Lindane	ND		ug/kg	0.772	0.345	1	A
Alpha-BHC	ND		ug/kg	0.772	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.702	1	A
Heptachlor	ND		ug/kg	0.926	0.415	1	A
Aldrin	ND		ug/kg	1.85	0.652	1	A
Heptachlor epoxide	27.5		ug/kg	3.47	1.04	1	B
Endrin	ND		ug/kg	0.772	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.810	1	A
Endrin ketone	ND		ug/kg	1.85	0.477	1	A
Dieldrin	9.72		ug/kg	1.16	0.579	1	B
4,4'-DDE	66.5		ug/kg	1.85	0.428	1	B
4,4'-DDD	2.63		ug/kg	1.85	0.660	1	A
4,4'-DDT	23.3		ug/kg	1.85	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.438	1	A
Endosulfan II	ND		ug/kg	1.85	0.619	1	A
Endosulfan sulfate	ND		ug/kg	0.772	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.72	1	A
cis-Chlordane	17.3	IP	ug/kg	2.31	0.645	1	B
trans-Chlordane	13.4	IP	ug/kg	2.31	0.611	1	A
Chlordane	ND		ug/kg	15.4	6.13	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-08 Date Collected: 06/14/24 09:25

Client ID: C11_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-08
Client ID: C11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 09:25
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/21/24 00:47
Analyst: AKM
Percent Solids: 85%
Methylation Date: 06/20/24 16:15

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	195	12.3	1	A
2,4,5-T	ND		ug/kg	195	6.05	1	A
2,4,5-TP (Silvex)	ND		ug/kg	195	5.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	121		30-150	A
DCAA	114		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-11
Client ID: C13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 10:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 14:20
Analyst: EJL
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.770	0.344	1	A
Alpha-BHC	ND		ug/kg	0.770	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.924	0.414	1	A
Aldrin	ND		ug/kg	1.85	0.651	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.770	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.809	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	1.18		ug/kg	1.16	0.578	1	A
4,4'-DDE	13.0		ug/kg	1.85	0.428	1	B
4,4'-DDD	ND		ug/kg	1.85	0.660	1	A
4,4'-DDT	4.31		ug/kg	1.85	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.770	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.71	1	A
cis-Chlordane	ND		ug/kg	2.31	0.644	1	A
trans-Chlordane	ND		ug/kg	2.31	0.610	1	A
Chlordane	ND		ug/kg	15.4	6.12	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-11 Date Collected: 06/14/24 10:30

Client ID: C13_0-0.2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-11
Client ID: C13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 10:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/21/24 01:05
Analyst: AKM
Percent Solids: 83%
Methylation Date: 06/20/24 16:15

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	195	12.3	1	A
2,4,5-T	ND		ug/kg	195	6.05	1	A
2,4,5-TP (Silvex)	ND		ug/kg	195	5.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	112		30-150	A
DCAA	107		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-12
Client ID: C13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 10:35
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 14:31
Analyst: EJL
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.99	0.390	1	A
Lindane	ND		ug/kg	0.830	0.371	1	A
Alpha-BHC	ND		ug/kg	0.830	0.236	1	A
Beta-BHC	ND		ug/kg	1.99	0.755	1	A
Heptachlor	ND		ug/kg	0.996	0.446	1	A
Aldrin	ND		ug/kg	1.99	0.701	1	A
Heptachlor epoxide	ND		ug/kg	3.73	1.12	1	A
Endrin	ND		ug/kg	0.830	0.340	1	A
Endrin aldehyde	ND		ug/kg	2.49	0.871	1	A
Endrin ketone	ND		ug/kg	1.99	0.513	1	A
Dieldrin	ND		ug/kg	1.24	0.622	1	A
4,4'-DDE	0.662	J	ug/kg	1.99	0.460	1	A
4,4'-DDD	ND		ug/kg	1.99	0.710	1	A
4,4'-DDT	ND		ug/kg	1.99	1.60	1	A
Endosulfan I	ND		ug/kg	1.99	0.470	1	A
Endosulfan II	ND		ug/kg	1.99	0.665	1	A
Endosulfan sulfate	ND		ug/kg	0.830	0.395	1	A
Methoxychlor	ND		ug/kg	3.73	1.16	1	A
Toxaphene	ND		ug/kg	37.3	10.4	1	A
cis-Chlordane	ND		ug/kg	2.49	0.694	1	A
trans-Chlordane	ND		ug/kg	2.49	0.657	1	A
Chlordane	ND		ug/kg	16.6	6.60	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-12 Date Collected: 06/14/24 10:35

Client ID: C13_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-12
Client ID: C13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 10:35
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/21/24 01:23
Analyst: AKM
Percent Solids: 78%
Methylation Date: 06/20/24 16:15

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	208	13.1	1	A
2,4,5-T	ND		ug/kg	208	6.46	1	A
2,4,5-TP (Silvex)	ND		ug/kg	208	5.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	114		30-150	A
DCAA	115		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-15
Client ID: C13_11-13
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 10:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 14:43
Analyst: EJL
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.708	0.317	1	A
Alpha-BHC	ND		ug/kg	0.708	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.645	1	A
Heptachlor	ND		ug/kg	0.850	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.599	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.956	1	A
Endrin	ND		ug/kg	0.708	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.744	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.606	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.708	0.337	1	A
Methoxychlor	ND		ug/kg	3.19	0.992	1	A
Toxaphene	ND		ug/kg	31.9	8.93	1	A
cis-Chlordane	ND		ug/kg	2.12	0.592	1	A
trans-Chlordane	ND		ug/kg	2.12	0.561	1	A
Chlordane	ND		ug/kg	14.2	5.63	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-15 Date Collected: 06/14/24 10:50

Client ID: C13_11-13 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-15
Client ID: C13_11-13
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 10:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/21/24 07:47
Analyst: SID
Percent Solids: 93%
Methylation Date: 06/21/24 03:35

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	176	11.1	1	A
2,4,5-T	ND		ug/kg	176	5.45	1	A
2,4,5-TP (Silvex)	ND		ug/kg	176	4.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	99		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-16
Client ID: C14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 12:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 14:54
Analyst: EJL
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.378	1	A
Lindane	ND		ug/kg	0.804	0.360	1	A
Alpha-BHC	ND		ug/kg	0.804	0.228	1	A
Beta-BHC	ND		ug/kg	1.93	0.732	1	A
Heptachlor	ND		ug/kg	0.965	0.433	1	A
Aldrin	ND		ug/kg	1.93	0.680	1	A
Heptachlor epoxide	6.42		ug/kg	3.62	1.08	1	B
Endrin	ND		ug/kg	0.804	0.330	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.844	1	A
Endrin ketone	ND		ug/kg	1.93	0.497	1	A
Dieldrin	ND	IP	ug/kg	1.21	0.603	1	B
4,4'-DDE	3.88		ug/kg	1.93	0.446	1	B
4,4'-DDD	ND	IP	ug/kg	1.93	0.688	1	B
4,4'-DDT	2.53		ug/kg	1.93	1.55	1	B
Endosulfan I	ND		ug/kg	1.93	0.456	1	A
Endosulfan II	ND		ug/kg	1.93	0.645	1	A
Endosulfan sulfate	ND		ug/kg	0.804	0.383	1	A
Methoxychlor	ND		ug/kg	3.62	1.13	1	A
Toxaphene	ND		ug/kg	36.2	10.1	1	A
cis-Chlordane	2.52	IP	ug/kg	2.41	0.672	1	B
trans-Chlordane	4.06		ug/kg	2.41	0.637	1	B
Chlordane	ND		ug/kg	16.1	6.39	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-16 Date Collected: 06/14/24 12:20

Client ID: C14_0-0.2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-16
Client ID: C14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 12:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/21/24 08:05
Analyst: SID
Percent Solids: 80%
Methylation Date: 06/21/24 03:35

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	205	12.9	1	A
2,4,5-T	ND		ug/kg	205	6.35	1	A
2,4,5-TP (Silvex)	ND		ug/kg	205	5.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	107		30-150	A
DCAA	105		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-17
Client ID: C14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 12:25
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 15:05
Analyst: EJL
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.724	0.324	1	A
Alpha-BHC	ND		ug/kg	0.724	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.659	1	A
Heptachlor	ND		ug/kg	0.869	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.612	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.978	1	A
Endrin	ND		ug/kg	0.724	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.761	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.543	1	A
4,4'-DDE	0.567	J	ug/kg	1.74	0.402	1	B
4,4'-DDD	ND		ug/kg	1.74	0.620	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.581	1	A
Endosulfan sulfate	ND		ug/kg	0.724	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.13	1	A
cis-Chlordane	ND	IP	ug/kg	2.17	0.606	1	B
trans-Chlordane	ND	IP	ug/kg	2.17	0.574	1	B
Chlordane	ND		ug/kg	14.5	5.76	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-17 Date Collected: 06/14/24 12:25

Client ID: C14_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-17
Client ID: C14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 12:25
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/21/24 01:42
Analyst: AKM
Percent Solids: 88%
Methylation Date: 06/20/24 16:15

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	183	11.6	1	A
2,4,5-T	ND		ug/kg	183	5.68	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	104		30-150	A
DCAA	102		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-20
Client ID: D14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 12:40
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 15:16
Analyst: EJL
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.342	1	A
Lindane	ND		ug/kg	0.728	0.325	1	A
Alpha-BHC	ND		ug/kg	0.728	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.662	1	A
Heptachlor	0.441	J	ug/kg	0.874	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.615	1	A
Heptachlor epoxide	118		ug/kg	3.28	0.983	1	B
Endrin	ND		ug/kg	0.728	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.764	1	A
Endrin ketone	ND		ug/kg	1.75	0.450	1	A
Dieldrin	215		ug/kg	1.09	0.546	1	B
4,4'-DDE	32.1		ug/kg	1.75	0.404	1	B
4,4'-DDD	7.06		ug/kg	1.75	0.623	1	B
4,4'-DDT	11.1		ug/kg	1.75	1.40	1	B
Endosulfan I	ND		ug/kg	1.75	0.413	1	A
Endosulfan II	ND		ug/kg	1.75	0.584	1	A
Endosulfan sulfate	ND		ug/kg	0.728	0.346	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.17	1	A
cis-Chlordane	74.7	IP	ug/kg	2.18	0.608	1	B
trans-Chlordane	62.9		ug/kg	2.18	0.576	1	B
Chlordane	552		ug/kg	14.6	5.79	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-20 Date Collected: 06/14/24 12:40

Client ID: D14_0-0.2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-20
Client ID: D14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 12:40
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/21/24 08:23
Analyst: SID
Percent Solids: 88%
Methylation Date: 06/21/24 03:35

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	184	11.6	1	A
2,4,5-T	ND		ug/kg	184	5.70	1	A
2,4,5-TP (Silvex)	ND		ug/kg	184	4.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	105		30-150	A
DCAA	114		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-21
Client ID: D14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 12:45
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 15:27
Analyst: EJL
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.96	0.384	1	A
Lindane	ND		ug/kg	0.816	0.365	1	A
Alpha-BHC	ND		ug/kg	0.816	0.232	1	A
Beta-BHC	ND		ug/kg	1.96	0.743	1	A
Heptachlor	ND		ug/kg	0.980	0.439	1	A
Aldrin	ND		ug/kg	1.96	0.690	1	A
Heptachlor epoxide	15.0		ug/kg	3.67	1.10	1	B
Endrin	ND		ug/kg	0.816	0.335	1	A
Endrin aldehyde	ND		ug/kg	2.45	0.857	1	A
Endrin ketone	ND		ug/kg	1.96	0.504	1	A
Dieldrin	22.3		ug/kg	1.22	0.612	1	B
4,4'-DDE	4.80		ug/kg	1.96	0.453	1	B
4,4'-DDD	ND		ug/kg	1.96	0.699	1	B
4,4'-DDT	ND		ug/kg	1.96	1.58	1	A
Endosulfan I	ND		ug/kg	1.96	0.463	1	A
Endosulfan II	ND		ug/kg	1.96	0.655	1	A
Endosulfan sulfate	ND		ug/kg	0.816	0.389	1	A
Methoxychlor	ND		ug/kg	3.67	1.14	1	A
Toxaphene	ND		ug/kg	36.7	10.3	1	A
cis-Chlordane	3.52	IP	ug/kg	2.45	0.682	1	B
trans-Chlordane	4.51		ug/kg	2.45	0.647	1	B
Chlordane	ND		ug/kg	16.3	6.49	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-21 Date Collected: 06/14/24 12:45

Client ID: D14_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-21
Client ID: D14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 12:45
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/21/24 08:42
Analyst: SID
Percent Solids: 80%
Methylation Date: 06/21/24 03:35

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	207	13.0	1	A
2,4,5-T	ND		ug/kg	207	6.41	1	A
2,4,5-TP (Silvex)	ND		ug/kg	207	5.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	101		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-24
Client ID: D13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 13:10
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 15:39
Analyst: EJL
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.742	0.332	1	A
Alpha-BHC	ND		ug/kg	0.742	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.676	1	A
Heptachlor	ND		ug/kg	0.891	0.399	1	B
Aldrin	ND		ug/kg	1.78	0.627	1	A
Heptachlor epoxide	99.0		ug/kg	3.34	1.00	1	B
Endrin	ND		ug/kg	0.742	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.780	1	A
Endrin ketone	ND		ug/kg	1.78	0.459	1	A
Dieldrin	53.1		ug/kg	1.11	0.557	1	B
4,4'-DDE	22.0		ug/kg	1.78	0.412	1	B
4,4'-DDD	ND		ug/kg	1.78	0.636	1	A
4,4'-DDT	10.7		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	ND		ug/kg	1.78	0.595	1	A
Endosulfan sulfate	ND		ug/kg	0.742	0.353	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.36	1	A
cis-Chlordane	112	IP	ug/kg	2.23	0.621	1	B
trans-Chlordane	90.0		ug/kg	2.23	0.588	1	B
Chlordane	658		ug/kg	14.8	5.90	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-24 Date Collected: 06/14/24 13:10

Client ID: D13_0-0.2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-24
Client ID: D13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 13:10
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/21/24 09:00
Analyst: SID
Percent Solids: 88%
Methylation Date: 06/21/24 03:35

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.8	1	A
2,4,5-T	ND		ug/kg	188	5.82	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	4.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	109		30-150	A
DCAA	114		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-25
Client ID: D13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 13:15
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 15:50
Analyst: EJL
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.345	1	A
Lindane	ND		ug/kg	0.734	0.328	1	A
Alpha-BHC	ND		ug/kg	0.734	0.209	1	A
Beta-BHC	ND		ug/kg	1.76	0.668	1	A
Heptachlor	ND		ug/kg	0.881	0.395	1	A
Aldrin	ND		ug/kg	1.76	0.621	1	A
Heptachlor epoxide	37.8		ug/kg	3.30	0.992	1	B
Endrin	ND		ug/kg	0.734	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.771	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	12.5		ug/kg	1.10	0.551	1	B
4,4'-DDE	10.4		ug/kg	1.76	0.408	1	B
4,4'-DDD	ND		ug/kg	1.76	0.629	1	A
4,4'-DDT	6.96		ug/kg	1.76	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.589	1	A
Endosulfan sulfate	ND		ug/kg	0.734	0.350	1	A
Methoxychlor	ND		ug/kg	3.30	1.03	1	A
Toxaphene	ND		ug/kg	33.0	9.26	1	A
cis-Chlordane	21.4	IP	ug/kg	2.20	0.614	1	B
trans-Chlordane	17.1		ug/kg	2.20	0.582	1	B
Chlordane	ND		ug/kg	14.7	5.84	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-25 Date Collected: 06/14/24 13:15

Client ID: D13_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-25
Client ID: D13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 13:15
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/21/24 09:18
Analyst: SID
Percent Solids: 88%
Methylation Date: 06/21/24 03:35

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	185	11.7	1	A
2,4,5-T	ND		ug/kg	185	5.74	1	A
2,4,5-TP (Silvex)	ND		ug/kg	185	4.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-28
Client ID: D12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 13:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 16:01
Analyst: EJL
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.730	0.326	1	A
Alpha-BHC	ND		ug/kg	0.730	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.876	0.393	1	A
Aldrin	ND		ug/kg	1.75	0.617	1	A
Heptachlor epoxide	144		ug/kg	3.29	0.986	1	B
Endrin	ND		ug/kg	0.730	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.767	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	179		ug/kg	1.10	0.548	1	B
4,4'-DDD	5.09		ug/kg	1.75	0.625	1	A
4,4'-DDT	123		ug/kg	1.75	1.41	1	B
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.586	1	A
Endosulfan sulfate	ND		ug/kg	0.730	0.348	1	A
Methoxychlor	ND		ug/kg	3.29	1.02	1	A
Toxaphene	ND		ug/kg	32.9	9.20	1	A
cis-Chlordane	72.5	IP	ug/kg	2.19	0.610	1	B
trans-Chlordane	86.1		ug/kg	2.19	0.578	1	B
Chlordane	516		ug/kg	14.6	5.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-28
Client ID: D12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 13:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/21/24 09:37
Analyst: SID
Percent Solids: 88%
Methylation Date: 06/21/24 03:35

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.8	1	A
2,4,5-T	ND		ug/kg	188	5.82	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	5.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	98		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-28 D
Client ID: D12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 13:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/23/24 16:28
Analyst: EJL
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	303		ug/kg	8.76	2.03	5	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-29
Client ID: D12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 13:55
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 16:12
Analyst: EJL
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.373	1	A
Lindane	ND		ug/kg	0.794	0.355	1	A
Alpha-BHC	ND		ug/kg	0.794	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.723	1	A
Heptachlor	ND		ug/kg	0.953	0.427	1	A
Aldrin	ND		ug/kg	1.91	0.671	1	A
Heptachlor epoxide	18.4	IP	ug/kg	3.57	1.07	1	A
Endrin	ND		ug/kg	0.794	0.326	1	A
Endrin aldehyde	ND		ug/kg	2.38	0.834	1	A
Endrin ketone	ND		ug/kg	1.91	0.491	1	A
Dieldrin	27.9		ug/kg	1.19	0.596	1	B
4,4'-DDE	82.6		ug/kg	1.91	0.441	1	B
4,4'-DDD	1.08	J	ug/kg	1.91	0.680	1	A
4,4'-DDT	17.0		ug/kg	1.91	1.53	1	A
Endosulfan I	ND		ug/kg	1.91	0.450	1	A
Endosulfan II	ND		ug/kg	1.91	0.637	1	A
Endosulfan sulfate	ND		ug/kg	0.794	0.378	1	A
Methoxychlor	ND		ug/kg	3.57	1.11	1	A
Toxaphene	ND		ug/kg	35.7	10.0	1	A
cis-Chlordane	9.99	IP	ug/kg	2.38	0.664	1	B
trans-Chlordane	10.3	IP	ug/kg	2.38	0.629	1	A
Chlordane	ND		ug/kg	15.9	6.31	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-29 Date Collected: 06/14/24 13:55

Client ID: D12_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-29
Client ID: D12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 13:55
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/21/24 09:55
Analyst: SID
Percent Solids: 82%
Methylation Date: 06/21/24 03:35

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	202	12.7	1	A
2,4,5-T	ND		ug/kg	202	6.27	1	A
2,4,5-TP (Silvex)	ND		ug/kg	202	5.38	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	104		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/20/24 20:49
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 09:14

Methylation Date: 06/20/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 Batch: WG1936374-1						
2,4-D	ND		ug/kg	166	10.4	A
2,4,5-T	ND		ug/kg	166	5.14	A
2,4,5-TP (Silvex)	ND		ug/kg	166	4.41	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	95		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/20/24 16:51
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 12:39

Methylation Date: 06/20/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 06 Batch: WG1936518-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	119		30-150	A
DCAA	105		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/20/24 07:56
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 06/20/24 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06 Batch: WG1936774-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/20/24 07:56
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 06/20/24 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06 Batch: WG1936774-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/22/24 12:28
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 Batch: WG1937178-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.651	0.291	A
Alpha-BHC	ND		ug/kg	0.651	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.592	A
Heptachlor	ND		ug/kg	0.781	0.350	A
Aldrin	ND		ug/kg	1.56	0.550	A
Heptachlor epoxide	ND		ug/kg	2.93	0.879	A
Endrin	ND		ug/kg	0.651	0.267	A
Endrin aldehyde	ND		ug/kg	1.95	0.684	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.976	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDD	ND		ug/kg	1.56	0.557	A
4,4'-DDT	ND		ug/kg	1.56	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.522	A
Endosulfan sulfate	ND		ug/kg	0.651	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.911	A
Toxaphene	ND		ug/kg	29.3	8.20	A
cis-Chlordane	ND		ug/kg	1.95	0.544	A
trans-Chlordane	ND		ug/kg	1.95	0.516	A
Chlordane	ND		ug/kg	13.0	5.18	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/22/24 12:28
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 Batch: WG1937178-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	89		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab	Associated sample(s):	01-02,05,07-08,11-12,15-17,20-21,24-25,28-29			Batch:	WG1936374-2		WG1936374-3	
2,4-D	94		93		30-150	1		30	A
2,4,5-T	99		96		30-150	3		30	A
2,4,5-TP (Silvex)	92		91		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	102		103		30-150	A
DCAA	116		119		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 06 Batch: WG1936518-2 WG1936518-3									
2,4-D	93		96		30-150	3		25	A
2,4,5-T	92		100		30-150	8		25	A
2,4,5-TP (Silvex)	90		91		30-150	1		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	98		107		30-150	A
DCAA	108		111		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06 Batch: WG1936774-2 WG1936774-3									
Delta-BHC	78		78		30-150	0		20	A
Lindane	82		84		30-150	3		20	A
Alpha-BHC	85		86		30-150	2		20	A
Beta-BHC	87		88		30-150	1		20	A
Heptachlor	86		88		30-150	3		20	A
Aldrin	83		84		30-150	2		20	A
Heptachlor epoxide	85		88		30-150	4		20	A
Endrin	86		90		30-150	5		20	A
Endrin aldehyde	80		76		30-150	5		20	A
Endrin ketone	94		98		30-150	5		20	A
Dieldrin	93		97		30-150	5		20	A
4,4'-DDE	84		89		30-150	5		20	A
4,4'-DDD	92		97		30-150	6		20	A
4,4'-DDT	91		92		30-150	1		20	A
Endosulfan I	83		86		30-150	4		20	A
Endosulfan II	90		91		30-150	2		20	A
Endosulfan sulfate	85		87		30-150	2		20	A
Methoxychlor	110		117		30-150	6		20	A
cis-Chlordane	80		83		30-150	4		20	A
trans-Chlordane	94		98		30-150	4		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06 Batch: WG1936774-2 WG1936774-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		70		30-150	A
Decachlorobiphenyl	94		97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		80		30-150	B
Decachlorobiphenyl	95		93		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 Batch: WG1937178-2 WG1937178-3									
Delta-BHC	73		76		30-150	4		30	A
Lindane	70		72		30-150	3		30	A
Alpha-BHC	73		74		30-150	1		30	A
Beta-BHC	68		70		30-150	3		30	A
Heptachlor	70		73		30-150	4		30	A
Aldrin	69		72		30-150	4		30	A
Heptachlor epoxide	60		61		30-150	2		30	A
Endrin	74		77		30-150	4		30	A
Endrin aldehyde	64		66		30-150	3		30	A
Endrin ketone	69		72		30-150	4		30	A
Dieldrin	77		80		30-150	4		30	A
4,4'-DDE	69		73		30-150	6		30	A
4,4'-DDD	75		78		30-150	4		30	A
4,4'-DDT	77		79		30-150	3		30	A
Endosulfan I	68		72		30-150	6		30	A
Endosulfan II	73		75		30-150	3		30	A
Endosulfan sulfate	66		68		30-150	3		30	A
Methoxychlor	88		90		30-150	2		30	A
cis-Chlordane	66		69		30-150	4		30	A
trans-Chlordane	76		80		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 Batch: WG1937178-2 WG1937178-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		70		30-150	A
Decachlorobiphenyl	72		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		82		30-150	B
Decachlorobiphenyl	89		84		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 QC Batch ID: WG1936374-4 WG1936374-5 QC Sample: L2433786-07 Client ID: C11_0-0.2													
2,4-D	ND	282	263J	93		255J	90		30-150	3		30	A
2,4,5-T	ND	282	278J	99		278J	98		30-150	0		30	A
2,4,5-TP (Silvex)	ND	282	254J	90		245J	87		30-150	4		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	103		105		30-150	A
DCAA	117		108		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 QC Batch ID: WG1937178-4 WG1937178-5 QC Sample: L2433786-07 Client ID: C11_0-0.2													
Delta-BHC	ND	54.5	110	**202**	Q	136	**244**	Q	30-150	21		50	A
Lindane	ND	54.5	34.6	64		40.0	72		30-150	14		50	A
Alpha-BHC	ND	54.5	36.5	67		42.5	76		30-150	15		50	A
Beta-BHC	ND	54.5	36.4	67		41.0	74		30-150	12		50	A
Heptachlor	ND	54.5	36.0	66		41.1	74		30-150	13		50	A
Aldrin	ND	54.5	34.1	63		39.2	70		30-150	14		50	A
Heptachlor epoxide	203	54.5	219	**29**	Q	254	91		30-150	15		50	B
Endrin	ND	54.5	37.7	69		43.8	79		30-150	15		50	A
Endrin aldehyde	ND	54.5	38.8	71		45.5	82		30-150	16		50	A
Endrin ketone	ND	54.5	42.3	78		47.8	86		30-150	12		50	A
Dieldrin	51.3	54.5	92.5	76		107	100		30-150	15		50	B
4,4'-DDE	449E	54.5	442E	**0**	Q	504E	99		30-150	13		50	B
4,4'-DDD	19.2	54.5	52.7	62		59.7	73		30-150	12		50	A
4,4'-DDT	141	54.5	131	**0**	Q	189	86		30-150	36		50	B
Endosulfan I	ND	54.5	37.6	69		42.2	76		30-150	12		50	A
Endosulfan II	ND	54.5	56.4	103		62.7	112		30-150	11		50	A
Endosulfan sulfate	ND	54.5	35.6	65		39.5	71		30-150	10		50	A
Methoxychlor	ND	54.5	48.6	89		54.5	98		30-150	11		50	A
cis-Chlordane	370IP	54.5	368	**0**	Q	424	97		30-150	14		50	B
trans-Chlordane	262	54.5	277	**28**	Q	320	104		30-150	14		50	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 QC Batch ID: WG1937178-4 WG1937178-5 QC Sample: L2433786-07 Client ID: C11_0-0.2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		69		30-150	A
Decachlorobiphenyl	65		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		84		30-150	B
Decachlorobiphenyl	79		87		30-150	B

METALS

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-01
Client ID: C10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 08:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16400		mg/kg	10.4	2.81	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Antimony, Total	1.42	J	mg/kg	5.20	0.395	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Arsenic, Total	218		mg/kg	1.04	0.216	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Barium, Total	113		mg/kg	1.04	0.181	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.655		mg/kg	0.520	0.034	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Cadmium, Total	2.14		mg/kg	1.04	0.102	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Calcium, Total	1780		mg/kg	10.4	3.64	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Chromium, Total	141		mg/kg	1.04	0.100	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.46		mg/kg	2.08	0.173	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Copper, Total	27.0		mg/kg	1.04	0.268	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Iron, Total	21800		mg/kg	5.20	0.940	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Lead, Total	199		mg/kg	5.20	0.279	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Magnesium, Total	4400		mg/kg	10.4	1.60	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Manganese, Total	648		mg/kg	1.04	0.165	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Mercury, Total	1.97		mg/kg	0.097	0.063	1	06/20/24 02:45	06/21/24 10:25	EPA 7471B	1,7471B	JWN
Nickel, Total	19.0		mg/kg	2.60	0.252	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Potassium, Total	1040		mg/kg	260	15.0	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	2.08	0.268	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Silver, Total	0.759		mg/kg	0.520	0.294	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Sodium, Total	32.2	J	mg/kg	208	3.28	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Thallium, Total	0.338	J	mg/kg	2.08	0.328	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Vanadium, Total	35.9		mg/kg	1.04	0.211	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL
Zinc, Total	108		mg/kg	5.20	0.305	2	06/20/24 02:00	06/20/24 23:51	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-02
Client ID: C10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 08:25
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12900		mg/kg	9.18	2.48	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Antimony, Total	0.721	J	mg/kg	4.59	0.349	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Arsenic, Total	39.4		mg/kg	0.918	0.191	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Barium, Total	60.6		mg/kg	0.918	0.160	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.348	J	mg/kg	0.459	0.030	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.232	J	mg/kg	0.918	0.090	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Calcium, Total	572		mg/kg	9.18	3.21	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Chromium, Total	29.7		mg/kg	0.918	0.088	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.16		mg/kg	1.84	0.152	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Copper, Total	19.1		mg/kg	0.918	0.237	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Iron, Total	20200		mg/kg	4.59	0.829	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Lead, Total	23.2		mg/kg	4.59	0.246	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Magnesium, Total	4260		mg/kg	9.18	1.41	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Manganese, Total	321		mg/kg	0.918	0.146	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Mercury, Total	0.180		mg/kg	0.090	0.058	1	06/20/24 02:45	06/21/24 10:28	EPA 7471B	1,7471B	JWN
Nickel, Total	15.8		mg/kg	2.30	0.222	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Potassium, Total	1660		mg/kg	230	13.2	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.84	0.237	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.459	0.260	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Sodium, Total	32.4	J	mg/kg	184	2.89	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Thallium, Total	0.558	J	mg/kg	1.84	0.289	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Vanadium, Total	31.0		mg/kg	0.918	0.186	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL
Zinc, Total	41.4		mg/kg	4.59	0.269	2	06/20/24 02:00	06/20/24 23:55	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-05 Date Collected: 06/14/24 12:00

Client ID: DUP_06142024 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11200		mg/kg	10.3	2.79	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Antimony, Total	1.26	J	mg/kg	5.16	0.392	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Arsenic, Total	124		mg/kg	1.03	0.215	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Barium, Total	69.4		mg/kg	1.03	0.180	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.439	J	mg/kg	0.516	0.034	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Cadmium, Total	1.02	J	mg/kg	1.03	0.101	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Calcium, Total	992		mg/kg	10.3	3.61	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Chromium, Total	61.3		mg/kg	1.03	0.099	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.74		mg/kg	2.06	0.171	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Copper, Total	16.9		mg/kg	1.03	0.266	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Iron, Total	14900		mg/kg	5.16	0.932	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Lead, Total	104		mg/kg	5.16	0.277	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Magnesium, Total	2970		mg/kg	10.3	1.59	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Manganese, Total	434		mg/kg	1.03	0.164	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Mercury, Total	0.818		mg/kg	0.093	0.061	1	06/20/24 02:45	06/21/24 10:31	EPA 7471B	1,7471B	JWN
Nickel, Total	12.4		mg/kg	2.58	0.250	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Potassium, Total	867		mg/kg	258	14.9	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Selenium, Total	0.380	J	mg/kg	2.06	0.266	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.516	0.292	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Sodium, Total	22.8	J	mg/kg	206	3.25	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Thallium, Total	0.570	J	mg/kg	2.06	0.325	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Vanadium, Total	24.5		mg/kg	1.03	0.210	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL
Zinc, Total	56.4		mg/kg	5.16	0.302	2	06/20/24 02:00	06/21/24 00:00	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-06 Date Collected: 06/14/24 09:00

Client ID: FB_06142024 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Barium, Total	0.00030	J	mg/l	0.00050	0.00017	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00025	J	mg/l	0.00100	0.00017	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/20/24 15:39	06/21/24 09:57	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/20/24 13:10	06/21/24 10:59	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-07 Date Collected: 06/14/24 09:20

Client ID: C11_0-0.2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 58%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12700		mg/kg	13.3	3.58	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Antimony, Total	0.637	J	mg/kg	6.63	0.504	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Arsenic, Total	59.2		mg/kg	1.33	0.276	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Barium, Total	92.5		mg/kg	1.33	0.231	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.474	J	mg/kg	0.663	0.044	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Cadmium, Total	2.03		mg/kg	1.33	0.130	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Calcium, Total	1800		mg/kg	13.3	4.64	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Chromium, Total	49.7		mg/kg	1.33	0.127	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.61		mg/kg	2.65	0.220	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Copper, Total	21.5		mg/kg	1.33	0.342	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Iron, Total	18600		mg/kg	6.63	1.20	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Lead, Total	197		mg/kg	6.63	0.355	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Magnesium, Total	3660		mg/kg	13.3	2.04	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Manganese, Total	443		mg/kg	1.33	0.211	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Mercury, Total	38.1		mg/kg	1.17	0.760	10	06/20/24 02:45	06/21/24 11:31	EPA 7471B	1,7471B	JWN
Nickel, Total	14.5		mg/kg	3.32	0.321	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Potassium, Total	1660		mg/kg	332	19.1	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	2.65	0.342	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.663	0.375	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Sodium, Total	33.0	J	mg/kg	265	4.18	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	2.65	0.418	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Vanadium, Total	29.0		mg/kg	1.33	0.269	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL
Zinc, Total	107		mg/kg	6.63	0.389	2	06/20/24 02:00	06/20/24 23:15	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-08 Date Collected: 06/14/24 09:25

Client ID: C11_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13500		mg/kg	9.32	2.52	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Antimony, Total	0.858	J	mg/kg	4.66	0.354	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Arsenic, Total	17.9		mg/kg	0.932	0.194	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Barium, Total	77.0		mg/kg	0.932	0.162	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.481		mg/kg	0.466	0.031	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.211	J	mg/kg	0.932	0.091	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Calcium, Total	722		mg/kg	9.32	3.26	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Chromium, Total	19.8		mg/kg	0.932	0.089	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.46		mg/kg	1.86	0.155	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Copper, Total	14.2		mg/kg	0.932	0.240	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Iron, Total	18200		mg/kg	4.66	0.841	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Lead, Total	19.3		mg/kg	4.66	0.250	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Magnesium, Total	3510		mg/kg	9.32	1.44	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Manganese, Total	595		mg/kg	0.932	0.148	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Mercury, Total	1.49		mg/kg	0.087	0.056	1	06/20/24 02:45	06/21/24 10:35	EPA 7471B	1,7471B	JWN
Nickel, Total	13.8		mg/kg	2.33	0.226	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Potassium, Total	1170		mg/kg	233	13.4	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.86	0.240	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.466	0.264	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Sodium, Total	25.6	J	mg/kg	186	2.94	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Thallium, Total	0.466	J	mg/kg	1.86	0.294	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.8		mg/kg	0.932	0.189	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL
Zinc, Total	44.5		mg/kg	4.66	0.273	2	06/20/24 02:00	06/21/24 00:04	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-11
Client ID: C13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 10:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13500		mg/kg	9.38	2.53	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Antimony, Total	0.677	J	mg/kg	4.69	0.356	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Arsenic, Total	17.6		mg/kg	0.938	0.195	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Barium, Total	108		mg/kg	0.938	0.163	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.432	J	mg/kg	0.469	0.031	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.170	J	mg/kg	0.938	0.092	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Calcium, Total	1430		mg/kg	9.38	3.28	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Chromium, Total	24.2		mg/kg	0.938	0.090	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.95		mg/kg	1.88	0.156	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Copper, Total	24.6		mg/kg	0.938	0.242	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Iron, Total	20900		mg/kg	4.69	0.846	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Lead, Total	65.3		mg/kg	4.69	0.251	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Magnesium, Total	4460		mg/kg	9.38	1.44	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Manganese, Total	377		mg/kg	0.938	0.149	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Mercury, Total	0.194		mg/kg	0.089	0.058	1	06/20/24 02:45	06/21/24 10:38	EPA 7471B	1,7471B	JWN
Nickel, Total	16.7		mg/kg	2.34	0.227	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Potassium, Total	3040		mg/kg	234	13.5	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.88	0.242	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.469	0.265	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Sodium, Total	39.2	J	mg/kg	188	2.95	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Thallium, Total	0.653	J	mg/kg	1.88	0.295	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Vanadium, Total	33.4		mg/kg	0.938	0.190	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL
Zinc, Total	72.7		mg/kg	4.69	0.275	2	06/20/24 02:00	06/21/24 00:08	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-12
Client ID: C13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 10:35
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15600		mg/kg	9.96	2.69	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Antimony, Total	0.493	J	mg/kg	4.98	0.378	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Arsenic, Total	4.32		mg/kg	0.996	0.207	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Barium, Total	103		mg/kg	0.996	0.173	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.497	J	mg/kg	0.498	0.033	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.098	J	mg/kg	0.996	0.098	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Calcium, Total	353		mg/kg	9.96	3.48	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Chromium, Total	22.7		mg/kg	0.996	0.096	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.27		mg/kg	1.99	0.165	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Copper, Total	15.9		mg/kg	0.996	0.257	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Iron, Total	23400		mg/kg	4.98	0.899	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Lead, Total	13.5		mg/kg	4.98	0.267	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Magnesium, Total	4200		mg/kg	9.96	1.53	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Manganese, Total	372		mg/kg	0.996	0.158	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Mercury, Total	0.072	J	mg/kg	0.096	0.063	1	06/20/24 02:45	06/21/24 10:41	EPA 7471B	1,7471B	JWN
Nickel, Total	14.7		mg/kg	2.49	0.241	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Potassium, Total	2050		mg/kg	249	14.3	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.99	0.257	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.498	0.282	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Sodium, Total	28.2	J	mg/kg	199	3.14	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Thallium, Total	0.643	J	mg/kg	1.99	0.314	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Vanadium, Total	33.7		mg/kg	0.996	0.202	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL
Zinc, Total	52.0		mg/kg	4.98	0.292	2	06/20/24 02:00	06/21/24 00:12	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-15 Date Collected: 06/14/24 10:50

Client ID: C13_11-13 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6330		mg/kg	8.33	2.25	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Antimony, Total	0.360	J	mg/kg	4.17	0.317	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.34		mg/kg	0.833	0.173	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Barium, Total	61.0		mg/kg	0.833	0.145	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.201	J	mg/kg	0.417	0.028	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.833	0.082	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Calcium, Total	689		mg/kg	8.33	2.92	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Chromium, Total	15.6		mg/kg	0.833	0.080	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.27		mg/kg	1.67	0.138	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Copper, Total	16.1		mg/kg	0.833	0.215	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Iron, Total	11400		mg/kg	4.17	0.752	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Lead, Total	8.41		mg/kg	4.17	0.223	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Magnesium, Total	3200		mg/kg	8.33	1.28	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Manganese, Total	191		mg/kg	0.833	0.132	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.077	0.051	1	06/20/24 02:45	06/21/24 10:52	EPA 7471B	1,7471B	JWN
Nickel, Total	11.9		mg/kg	2.08	0.202	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Potassium, Total	2070		mg/kg	208	12.0	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.67	0.215	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.417	0.236	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Sodium, Total	56.3	J	mg/kg	167	2.62	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.67	0.262	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Vanadium, Total	17.8		mg/kg	0.833	0.169	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL
Zinc, Total	26.5		mg/kg	4.17	0.244	2	06/20/24 02:00	06/21/24 00:16	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-16 Date Collected: 06/14/24 12:20

Client ID: C14_0-0.2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14000		mg/kg	9.96	2.69	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Antimony, Total	0.670	J	mg/kg	4.98	0.378	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Arsenic, Total	5.94		mg/kg	0.996	0.207	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Barium, Total	69.4		mg/kg	0.996	0.173	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.497	J	mg/kg	0.498	0.033	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.290	J	mg/kg	0.996	0.098	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Calcium, Total	898		mg/kg	9.96	3.48	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Chromium, Total	26.9		mg/kg	0.996	0.096	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.24		mg/kg	1.99	0.165	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Copper, Total	14.9		mg/kg	0.996	0.257	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Iron, Total	15800		mg/kg	4.98	0.899	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Lead, Total	26.4		mg/kg	4.98	0.267	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Magnesium, Total	3190		mg/kg	9.96	1.53	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Manganese, Total	376		mg/kg	0.996	0.158	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Mercury, Total	0.192		mg/kg	0.098	0.064	1	06/20/24 02:45	06/21/24 10:55	EPA 7471B	1,7471B	JWN
Nickel, Total	14.0		mg/kg	2.49	0.241	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Potassium, Total	760		mg/kg	249	14.3	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Selenium, Total	0.271	J	mg/kg	1.99	0.257	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.498	0.282	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Sodium, Total	34.1	J	mg/kg	199	3.14	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Thallium, Total	0.382	J	mg/kg	1.99	0.314	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Vanadium, Total	26.9		mg/kg	0.996	0.202	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL
Zinc, Total	82.3		mg/kg	4.98	0.292	2	06/20/24 02:00	06/21/24 00:20	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-17 Date Collected: 06/14/24 12:25

Client ID: C14_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12800		mg/kg	8.96	2.42	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Antimony, Total	0.455	J	mg/kg	4.48	0.340	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Arsenic, Total	3.05		mg/kg	0.896	0.186	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Barium, Total	50.5		mg/kg	0.896	0.156	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.394	J	mg/kg	0.448	0.030	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.090	J	mg/kg	0.896	0.088	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Calcium, Total	496		mg/kg	8.96	3.13	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Chromium, Total	19.6		mg/kg	0.896	0.086	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.46		mg/kg	1.79	0.149	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Copper, Total	13.9		mg/kg	0.896	0.231	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Iron, Total	15300		mg/kg	4.48	0.809	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Lead, Total	11.2		mg/kg	4.48	0.240	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Magnesium, Total	3520		mg/kg	8.96	1.38	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Manganese, Total	212		mg/kg	0.896	0.142	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Mercury, Total	0.058	J	mg/kg	0.078	0.051	1	06/20/24 02:45	06/21/24 10:58	EPA 7471B	1,7471B	JWN
Nickel, Total	13.4		mg/kg	2.24	0.217	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Potassium, Total	878		mg/kg	224	12.9	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.79	0.231	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.448	0.253	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Sodium, Total	35.5	J	mg/kg	179	2.82	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Thallium, Total	0.501	J	mg/kg	1.79	0.282	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Vanadium, Total	24.7		mg/kg	0.896	0.182	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL
Zinc, Total	37.6		mg/kg	4.48	0.262	2	06/20/24 02:00	06/21/24 00:24	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-20 Date Collected: 06/14/24 12:40

Client ID: D14_0-0.2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12200		mg/kg	9.05	2.44	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Antimony, Total	0.917	J	mg/kg	4.52	0.344	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Arsenic, Total	87.4		mg/kg	0.905	0.188	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Barium, Total	65.6		mg/kg	0.905	0.157	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.372	J	mg/kg	0.452	0.030	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.772	J	mg/kg	0.905	0.089	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Calcium, Total	922		mg/kg	9.05	3.17	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Chromium, Total	56.9		mg/kg	0.905	0.087	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.12		mg/kg	1.81	0.150	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Copper, Total	23.4		mg/kg	0.905	0.233	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Iron, Total	17200		mg/kg	4.52	0.817	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Lead, Total	18.9		mg/kg	4.52	0.242	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Magnesium, Total	4040		mg/kg	9.05	1.39	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Manganese, Total	302		mg/kg	0.905	0.144	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Mercury, Total	0.420		mg/kg	0.088	0.057	1	06/20/24 02:45	06/21/24 11:01	EPA 7471B	1,7471B	JWN
Nickel, Total	15.7		mg/kg	2.26	0.219	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Potassium, Total	1760		mg/kg	226	13.0	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.81	0.233	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.452	0.256	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Sodium, Total	40.9	J	mg/kg	181	2.85	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Thallium, Total	0.539	J	mg/kg	1.81	0.285	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.9		mg/kg	0.905	0.184	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL
Zinc, Total	54.8		mg/kg	4.52	0.265	2	06/20/24 02:00	06/21/24 00:28	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-21 Date Collected: 06/14/24 12:45

Client ID: D14_0.2-2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14600		mg/kg	9.76	2.63	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Antimony, Total	0.953	J	mg/kg	4.88	0.371	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Arsenic, Total	11.1		mg/kg	0.976	0.203	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Barium, Total	68.6		mg/kg	0.976	0.170	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.483	J	mg/kg	0.488	0.032	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.194	J	mg/kg	0.976	0.096	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Calcium, Total	675		mg/kg	9.76	3.42	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Chromium, Total	22.3		mg/kg	0.976	0.094	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.32		mg/kg	1.95	0.162	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Copper, Total	18.2		mg/kg	0.976	0.252	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Iron, Total	17900		mg/kg	4.88	0.881	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Lead, Total	11.4		mg/kg	4.88	0.262	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Magnesium, Total	3630		mg/kg	9.76	1.50	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Manganese, Total	276		mg/kg	0.976	0.155	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Mercury, Total	0.098		mg/kg	0.094	0.062	1	06/20/24 02:45	06/21/24 11:05	EPA 7471B	1,7471B	JWN
Nickel, Total	15.5		mg/kg	2.44	0.236	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Potassium, Total	1250		mg/kg	244	14.0	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.95	0.252	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.488	0.276	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Sodium, Total	31.9	J	mg/kg	195	3.07	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Thallium, Total	0.518	J	mg/kg	1.95	0.307	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.4		mg/kg	0.976	0.198	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL
Zinc, Total	45.4		mg/kg	4.88	0.286	2	06/20/24 02:00	06/21/24 00:48	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-24 Date Collected: 06/14/24 13:10

Client ID: D13_0-0.2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11600		mg/kg	8.90	2.40	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Antimony, Total	1.10	J	mg/kg	4.45	0.338	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Arsenic, Total	121		mg/kg	0.890	0.185	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Barium, Total	56.8		mg/kg	0.890	0.155	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.357	J	mg/kg	0.445	0.029	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Cadmium, Total	1.24		mg/kg	0.890	0.087	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Calcium, Total	711		mg/kg	8.90	3.11	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Chromium, Total	46.8		mg/kg	0.890	0.085	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.94		mg/kg	1.78	0.148	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Copper, Total	19.0		mg/kg	0.890	0.230	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Iron, Total	16100		mg/kg	4.45	0.804	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Lead, Total	14.7		mg/kg	4.45	0.238	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Magnesium, Total	4010		mg/kg	8.90	1.37	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Manganese, Total	254		mg/kg	0.890	0.142	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Mercury, Total	0.629		mg/kg	0.079	0.052	1	06/20/24 02:45	06/21/24 11:08	EPA 7471B	1,7471B	JWN
Nickel, Total	15.3		mg/kg	2.22	0.215	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Potassium, Total	1710		mg/kg	222	12.8	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.78	0.230	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.445	0.252	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Sodium, Total	31.6	J	mg/kg	178	2.80	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Thallium, Total	0.619	J	mg/kg	1.78	0.280	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.2		mg/kg	0.890	0.181	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL
Zinc, Total	52.6		mg/kg	4.45	0.261	2	06/20/24 02:00	06/21/24 00:52	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-25
Client ID: D13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 13:15
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9740		mg/kg	8.91	2.41	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Antimony, Total	0.784	J	mg/kg	4.46	0.339	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Arsenic, Total	19.2		mg/kg	0.891	0.185	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Barium, Total	48.6		mg/kg	0.891	0.155	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.345	J	mg/kg	0.446	0.029	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.119	J	mg/kg	0.891	0.087	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Calcium, Total	543		mg/kg	8.91	3.12	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Chromium, Total	17.8		mg/kg	0.891	0.086	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.85		mg/kg	1.78	0.148	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Copper, Total	13.6		mg/kg	0.891	0.230	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Iron, Total	14000		mg/kg	4.46	0.805	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Lead, Total	6.32		mg/kg	4.46	0.239	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Magnesium, Total	3360		mg/kg	8.91	1.37	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Manganese, Total	204		mg/kg	0.891	0.142	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.078	0.051	1	06/20/24 02:45	06/21/24 11:11	EPA 7471B	1,7471B	JWN
Nickel, Total	12.0		mg/kg	2.23	0.216	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Potassium, Total	1450		mg/kg	223	12.8	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.78	0.230	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.446	0.252	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Sodium, Total	27.8	J	mg/kg	178	2.81	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Thallium, Total	0.350	J	mg/kg	1.78	0.281	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Vanadium, Total	22.5		mg/kg	0.891	0.181	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL
Zinc, Total	28.2		mg/kg	4.46	0.261	2	06/20/24 02:00	06/21/24 00:56	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433786

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-28 Date Collected: 06/14/24 13:50

Client ID: D12_0-0.2 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12300		mg/kg	9.08	2.45	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Antimony, Total	1.26	J	mg/kg	4.54	0.345	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Arsenic, Total	125		mg/kg	0.908	0.189	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Barium, Total	75.6		mg/kg	0.908	0.158	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.400	J	mg/kg	0.454	0.030	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Cadmium, Total	1.18		mg/kg	0.908	0.089	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Calcium, Total	979		mg/kg	9.08	3.18	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Chromium, Total	91.3		mg/kg	0.908	0.087	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.64		mg/kg	1.82	0.151	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Copper, Total	18.4		mg/kg	0.908	0.234	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Iron, Total	19200		mg/kg	4.54	0.820	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Lead, Total	110		mg/kg	4.54	0.243	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Magnesium, Total	3750		mg/kg	9.08	1.40	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Manganese, Total	393		mg/kg	0.908	0.144	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Mercury, Total	0.692		mg/kg	0.086	0.056	1	06/20/24 02:45	06/21/24 11:15	EPA 7471B	1,7471B	JWN
Nickel, Total	15.5		mg/kg	2.27	0.220	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Potassium, Total	1670		mg/kg	227	13.1	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.82	0.234	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Silver, Total	0.398	J	mg/kg	0.454	0.257	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Sodium, Total	28.0	J	mg/kg	182	2.86	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Thallium, Total	0.415	J	mg/kg	1.82	0.286	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Vanadium, Total	29.5		mg/kg	0.908	0.184	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL
Zinc, Total	74.6		mg/kg	4.54	0.266	2	06/20/24 02:00	06/21/24 01:00	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2433786
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-29
Client ID: D12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 13:55
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13100		mg/kg	9.44	2.55	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Antimony, Total	0.691	J	mg/kg	4.72	0.359	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Arsenic, Total	16.5		mg/kg	0.944	0.196	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Barium, Total	81.6		mg/kg	0.944	0.164	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.462	J	mg/kg	0.472	0.031	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.264	J	mg/kg	0.944	0.093	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Calcium, Total	730		mg/kg	9.44	3.30	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Chromium, Total	22.6		mg/kg	0.944	0.091	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.30		mg/kg	1.89	0.157	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Copper, Total	12.5		mg/kg	0.944	0.244	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Iron, Total	19200		mg/kg	4.72	0.853	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Lead, Total	27.6		mg/kg	4.72	0.253	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Magnesium, Total	3400		mg/kg	9.44	1.45	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Manganese, Total	463		mg/kg	0.944	0.150	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Mercury, Total	0.154		mg/kg	0.089	0.058	1	06/20/24 02:45	06/21/24 11:18	EPA 7471B	1,7471B	JWN
Nickel, Total	13.2		mg/kg	2.36	0.228	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Potassium, Total	1070		mg/kg	236	13.6	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.89	0.244	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.472	0.267	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Sodium, Total	25.2	J	mg/kg	189	2.98	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Thallium, Total	0.433	J	mg/kg	1.89	0.298	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.1		mg/kg	0.944	0.192	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL
Zinc, Total	45.2		mg/kg	4.72	0.277	2	06/20/24 02:00	06/21/24 01:04	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 Batch: WG1936666-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Iron, Total	0.629	J	mg/kg	2.00	0.361	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 Batch: WG1936668-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/20/24 02:45	06/21/24 09:43	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06 Batch: WG1937036-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Manganese, Total	0.00070	J	mg/l	0.00100	0.00044	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/20/24 13:10	06/21/24 09:55	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06 Batch: WG1937042-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/20/24 15:39	06/21/24 09:37	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 Batch: WG1936666-2								
Aluminum, Total	92		-		80-120	-		
Antimony, Total	91		-		80-120	-		
Arsenic, Total	87		-		80-120	-		
Barium, Total	86		-		80-120	-		
Beryllium, Total	94		-		80-120	-		
Cadmium, Total	91		-		80-120	-		
Calcium, Total	90		-		80-120	-		
Chromium, Total	91		-		80-120	-		
Cobalt, Total	92		-		80-120	-		
Copper, Total	92		-		80-120	-		
Iron, Total	92		-		80-120	-		
Lead, Total	91		-		80-120	-		
Magnesium, Total	88		-		80-120	-		
Manganese, Total	90		-		80-120	-		
Nickel, Total	90		-		80-120	-		
Potassium, Total	92		-		80-120	-		
Selenium, Total	92		-		80-120	-		
Silver, Total	94		-		80-120	-		
Sodium, Total	88		-		80-120	-		
Thallium, Total	86		-		80-120	-		
Vanadium, Total	93		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 Batch: WG1936666-2					
Zinc, Total	91	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 Batch: WG1936668-2					
Mercury, Total	96	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1937036-2					
Aluminum, Total	105	-	80-120	-	
Antimony, Total	94	-	80-120	-	
Arsenic, Total	104	-	80-120	-	
Barium, Total	115	-	80-120	-	
Beryllium, Total	105	-	80-120	-	
Cadmium, Total	104	-	80-120	-	
Calcium, Total	104	-	80-120	-	
Chromium, Total	114	-	80-120	-	
Cobalt, Total	106	-	80-120	-	
Copper, Total	106	-	80-120	-	
Iron, Total	110	-	80-120	-	
Lead, Total	95	-	80-120	-	
Magnesium, Total	102	-	80-120	-	
Manganese, Total	110	-	80-120	-	
Nickel, Total	102	-	80-120	-	
Potassium, Total	104	-	80-120	-	
Selenium, Total	102	-	80-120	-	
Silver, Total	107	-	80-120	-	
Sodium, Total	103	-	80-120	-	
Thallium, Total	91	-	80-120	-	
Vanadium, Total	107	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1937036-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1937042-2					
Mercury, Total	92	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 QC Batch ID: WG1936666-3 WG1936666-4 QC Sample: L2433786-07 Client ID: C11_0-0.2												
Aluminum, Total	12700	263	14200	**571**	Q	14000	**493**	Q	75-125	1		20
Antimony, Total	0.637J	65.7	52.8	80		54.9	83		75-125	4		20
Arsenic, Total	59.2	15.8	78.2	120		77.9	118		75-125	0		20
Barium, Total	92.5	263	321	87		326	88		75-125	2		20
Beryllium, Total	0.474J	6.57	6.59	100		6.73	102		75-125	2		20
Cadmium, Total	2.03	6.96	8.00	86		8.18	88		75-125	2		20
Calcium, Total	1800	1310	3040	94		3150	102		75-125	4		20
Chromium, Total	49.7	26.3	73.2	89		72.8	88		75-125	1		20
Cobalt, Total	7.61	65.7	65.0	87		66.6	90		75-125	2		20
Copper, Total	21.5	32.8	53.0	96		53.8	98		75-125	1		20
Iron, Total	18600	131	19600	**761**	Q	19400	**607**	Q	75-125	1		20
Lead, Total	197	69.6	276	113		280	119		75-125	1		20
Magnesium, Total	3660	1310	4890	94		4910	95		75-125	0		20
Manganese, Total	443	65.7	516	111		512	105		75-125	1		20
Nickel, Total	14.5	65.7	71.3	86		72.9	89		75-125	2		20
Potassium, Total	1660	1310	2840	90		2910	95		75-125	2		20
Selenium, Total	ND	15.8	15.3	97		15.9	100		75-125	4		20
Silver, Total	ND	6.57	6.40	97		6.49	98		75-125	1		20
Sodium, Total	33.0J	1310	1150	88		1180	90		75-125	3		20
Thallium, Total	ND	15.8	14.4	91		14.8	94		75-125	3		20
Vanadium, Total	29.0	65.7	89.2	92		90.4	93		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 QC Batch ID: WG1936666-3 WG1936666-4 QC Sample: L2433786-07 Client ID: C11_0-0.2											
Zinc, Total	107	65.7	169	94		170	96		75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 QC Batch ID: WG1936668-3 WG1936668-4 QC Sample: L2433786-07 Client ID: C11_0-0.2											
Mercury, Total	38.1	2.5	42.3	**168**	Q	42.6	**182**	Q	80-120	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1937036-3 QC Sample: L2433664-01 Client ID: MS Sample										
Aluminum, Total	ND	2	2.07	104		-	-	75-125	-	20
Antimony, Total	ND	0.5	0.4983	100		-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.1214	101		-	-	75-125	-	20
Barium, Total	0.1799	2	2.430	112		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05194	104		-	-	75-125	-	20
Cadmium, Total	0.0001J	0.053	0.05543	104		-	-	75-125	-	20
Calcium, Total	90.2	10	101	108		-	-	75-125	-	20
Chromium, Total	0.0002J	0.2	0.2148	107		-	-	75-125	-	20
Cobalt, Total	0.0005	0.5	0.5104	102		-	-	75-125	-	20
Copper, Total	0.01012	0.25	0.2638	101		-	-	75-125	-	20
Iron, Total	ND	1	1.04	104		-	-	75-125	-	20
Lead, Total	0.00539	0.53	0.5131	96		-	-	75-125	-	20
Magnesium, Total	9.97	10	19.7	97		-	-	75-125	-	20
Manganese, Total	0.2710	0.5	0.8186	110		-	-	75-125	-	20
Nickel, Total	0.0034	0.5	0.5036	100		-	-	75-125	-	20
Potassium, Total	5.86	10	16.3	104		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.115	96		-	-	75-125	-	20
Silver, Total	ND	0.05	0.05128	102		-	-	75-125	-	20
Sodium, Total	183	10	198	**150**	Q	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1126	94		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5198	104		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1937036-3 QC Sample: L2433664-01 Client ID: MS Sample									
Zinc, Total	0.2891	0.5	0.8026	103	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1937042-3 QC Sample: L2433812-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00480	96	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1937036-4 QC Sample: L2433664-01 Client ID: DUP Sample						
Copper, Total	0.01012	0.01039	mg/l	3		20
Lead, Total	0.00539	0.00553	mg/l	3		20
Selenium, Total	ND	ND	mg/l	NC		20
Zinc, Total	0.2891	0.2932	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1937042-4 QC Sample: L2433812-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2433786
Report Date: 06/24/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 QC Batch ID: WG1936666-6 QC Sample: L2433786-07 Client ID: C11_0-0.2						
Aluminum, Total	12700	12500	mg/kg	2		20
Arsenic, Total	59.2	53.0	mg/kg	10		20
Barium, Total	92.5	90.1	mg/kg	3		20
Calcium, Total	1800	1750	mg/kg	3		20
Chromium, Total	49.7	48.8	mg/kg	2		20
Iron, Total	18600	18700	mg/kg	1		20
Lead, Total	197	184	mg/kg	7		20
Magnesium, Total	3660	3660	mg/kg	0		20
Manganese, Total	443	440	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-01
Client ID: C10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 08:20
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.8		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.08	0.217	1	06/20/24 11:42	06/21/24 09:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-02
Client ID: C10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 08:25
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/19/24 19:10	06/20/24 12:28	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.940	0.188	1	06/20/24 11:42	06/21/24 09:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-05
Client ID: DUP_06142024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 12:00
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.5		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.06	0.212	1	06/20/24 11:42	06/21/24 09:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-06
Client ID: FB_06142024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Field Blank

Date Collected: 06/14/24 09:00
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/15/24 07:30	06/15/24 07:50	1,7196A	JBB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-07
Client ID: C11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 09:20
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	58.4		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.37	0.274	1	06/20/24 11:42	06/21/24 09:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-08
Client ID: C11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 09:25
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/19/24 19:10	06/20/24 12:29	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.944	0.189	1	06/20/24 11:42	06/21/24 09:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-11
Client ID: C13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 10:30
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.962	0.192	1	06/20/24 11:42	06/21/24 09:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-12
Client ID: C13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 10:35
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.8		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	06/19/24 19:10	06/20/24 12:30	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.03	0.206	1	06/20/24 11:42	06/21/24 09:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-15
Client ID: C13_11-13
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 10:50
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.98	0.21	1	06/19/24 19:10	06/20/24 12:31	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.862	0.172	1	06/20/24 11:42	06/21/24 09:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-16
Client ID: C14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 12:20
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.9		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.00	0.200	1	06/20/24 11:42	06/21/24 09:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-17
Client ID: C14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 12:25
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/19/24 19:10	06/20/24 12:36	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.907	0.181	1	06/20/24 11:42	06/21/24 09:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-20
Client ID: D14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 12:40
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.905	0.181	1	06/20/24 11:42	06/21/24 09:50	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-21
Client ID: D14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 12:45
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	06/19/24 19:10	06/20/24 12:37	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.00	0.200	1	06/20/24 11:42	06/21/24 09:50	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-24
Client ID: D13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 13:10
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.907	0.181	1	06/20/24 11:42	06/21/24 09:50	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-25
Client ID: D13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 13:15
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/19/24 19:10	06/20/24 12:38	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.905	0.181	1	06/20/24 11:42	06/21/24 09:50	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-28
Client ID: D12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 13:50
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.914	0.183	1	06/20/24 11:42	06/21/24 09:50	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2433786-29
Client ID: D12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 13:55
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/19/24 19:10	06/20/24 12:39	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.982	0.196	1	06/20/24 11:42	06/21/24 09:50	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433786
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 06 Batch: WG1934758-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/15/24 07:30	06/15/24 07:49	1,7196A	JBB
General Chemistry - Westborough Lab for sample(s): 02,08,12 Batch: WG1936676-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	06/19/24 19:10	06/20/24 12:13	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 15,17,21,25,29 Batch: WG1936678-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	06/19/24 19:10	06/20/24 12:13	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-02,05,07-08,11-12,15-17 Batch: WG1936919-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/20/24 11:42	06/21/24 09:19	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 20-21,24-25,28-29 Batch: WG1936922-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/20/24 11:42	06/21/24 09:50	1,7196A	RDS

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433786

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06 Batch: WG1934758-2								
Chromium, Hexavalent	95		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,08,12 Batch: WG1936676-2 WG1936676-3								
Cyanide, Total	104		102		80-120	16		35
General Chemistry - Westborough Lab Associated sample(s): 15,17,21,25,29 Batch: WG1936678-2 WG1936678-3								
Cyanide, Total	104		102		80-120	16		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05,07-08,11-12,15-17 Batch: WG1936919-2								
Chromium, Hexavalent	86		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 20-21,24-25,28-29 Batch: WG1936922-2								
Chromium, Hexavalent	86		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1934758-4 QC Sample: L2433786-06 Client ID: FB_06142024												
Chromium, Hexavalent	ND	0.1	0.095	95		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,08,12 QC Batch ID: WG1936676-4 WG1936676-5 QC Sample: L2433309-01 Client ID: MS Sample												
Cyanide, Total	ND	10	9.7	96		11	100		75-125	13		35
General Chemistry - Westborough Lab Associated sample(s): 15,17,21,25,29 QC Batch ID: WG1936678-4 WG1936678-5 QC Sample: L2433786-15 Client ID: C13_11-13												
Cyanide, Total	ND	10	10	97		9.4	94		75-125	6		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05,07-08,11-12,15-17 QC Batch ID: WG1936919-4 WG1936919-5 QC Sample: L2433786-07 Client ID: C11_0-0.2												
Chromium, Hexavalent	ND	1780	1130	**64**	Q	687	**46**	Q	75-125	**32**	Q	20
General Chemistry - Westborough Lab Associated sample(s): 20-21,24-25,28-29 QC Batch ID: WG1936922-4 QC Sample: L2433786-21 Client ID: D14_0.2-2												
Chromium, Hexavalent	ND	1550	1420	92		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,05,07-08,11-12,15-17,20-21,24-25,28-29 QC Batch ID: WG1934736-1 QC Sample: L2433786-07 Client ID: C11_0-0.2						
Solids, Total	58.4	58.9	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1934758-3 QC Sample: L2433786-06 Client ID: FB_06142024						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05,07-08,11-12,15-17 QC Batch ID: WG1936919-7 QC Sample: L2433786-07 Client ID: C11_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 20-21,24-25,28-29 QC Batch ID: WG1936922-6 QC Sample: L2433786-21 Client ID: D14_0.2-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433786-01A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2433786-01B	Glass 120ml/4oz unpreserved	D	NA		4.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-01C	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-02A	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-02B	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-02C	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-02D	Plastic 2oz unpreserved for TS	B	NA		3.9	Y	Absent		TS(7)
L2433786-02E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2433786-02F	Glass 120ml/4oz unpreserved	B	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-02G	Glass 500ml/16oz unpreserved	B	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-02X	Vial MeOH preserved split	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-02Y	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433786-02Z	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)
L2433786-03A	Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		HOLD-METAL(180)
L2433786-03B	Glass 120ml/4oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-03C	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-04A	Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		HOLD-METAL(180)
L2433786-04B	Glass 120ml/4oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-04C	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-05A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2433786-05B	Glass 120ml/4oz unpreserved	D	NA		4.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-05C	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-06A	Amber 120ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8081(7)
L2433786-06B	Amber 120ml unpreserved	D	7	7	4.5	Y	Absent		NYTCL-8081(7)
L2433786-06C	Plastic 250ml HNO3 preserved	D	<2	<2	4.5	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2433786-06D	Plastic 250ml unpreserved	D	7	7	4.5	Y	Absent		HEXCR-7196(1)
L2433786-06F	Amber 1000ml unpreserved	D	7	7	4.5	Y	Absent		HERB-APA(7)
L2433786-06G	Amber 1000ml unpreserved	D	7	7	4.5	Y	Absent		HERB-APA(7)
L2433786-07A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433786-07A1	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2433786-07A2	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2433786-07B	Glass 120ml/4oz unpreserved	D	NA		4.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-07B1	Glass 120ml/4oz unpreserved	D	NA		4.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-07B2	Glass 120ml/4oz unpreserved	D	NA		4.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-07C	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-07C1	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-07C2	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-08A	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-08B	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-08C	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-08D	Plastic 2oz unpreserved for TS	B	NA		3.9	Y	Absent		TS(7)
L2433786-08E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2433786-08F	Glass 120ml/4oz unpreserved	B	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-08G	Glass 500ml/16oz unpreserved	B	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-08X	Vial MeOH preserved split	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-08Y	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433786-08Z	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)
L2433786-09A	Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		HOLD-METAL(180)
L2433786-09B	Glass 120ml/4oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-09C	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-10A	Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		HOLD-METAL(180)
L2433786-10B	Glass 120ml/4oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-10C	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-11A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2433786-11B	Glass 120ml/4oz unpreserved	D	NA		4.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-11C	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-12A	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-12B	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-12C	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-12D	Plastic 2oz unpreserved for TS	B	NA		3.9	Y	Absent		TS(7)
L2433786-12E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2433786-12F	Glass 120ml/4oz unpreserved	B	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-12G	Glass 500ml/16oz unpreserved	B	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-12X	Vial MeOH preserved split	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-12Y	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)
L2433786-12Z	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433786-13A	Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		HOLD-METAL(180)
L2433786-13B	Glass 120ml/4oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-13C	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-14A	Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		HOLD-METAL(180)
L2433786-14B	Glass 120ml/4oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-14C	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-15A	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-15B	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-15C	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-15D	Plastic 2oz unpreserved for TS	B	NA		3.9	Y	Absent		TS(7)
L2433786-15E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2433786-15F	Glass 120ml/4oz unpreserved	B	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-15G	Glass 500ml/16oz unpreserved	B	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-15X	Vial MeOH preserved split	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-15Y	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)
L2433786-15Z	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)
L2433786-16A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2433786-16B	Glass 120ml/4oz unpreserved	D	NA		4.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-16C	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-17A	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433786-17B	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-17C	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-17D	Plastic 2oz unpreserved for TS	B	NA		3.9	Y	Absent		TS(7)
L2433786-17E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2433786-17F	Glass 120ml/4oz unpreserved	B	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-17G	Glass 500ml/16oz unpreserved	B	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-17X	Vial MeOH preserved split	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-17Y	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)
L2433786-17Z	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)
L2433786-18A	Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		HOLD-METAL(180)
L2433786-18B	Glass 120ml/4oz unpreserved	C	NA		4.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-18C	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-19A	Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		HOLD-METAL(180)
L2433786-19B	Glass 120ml/4oz unpreserved	C	NA		4.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-19C	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-20A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2433786-20B	Glass 120ml/4oz unpreserved	C	NA		4.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-20C	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-21A	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-21B	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433786-21C	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-21D	Plastic 2oz unpreserved for TS	B	NA		3.9	Y	Absent		TS(7)
L2433786-21E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2433786-21F	Glass 120ml/4oz unpreserved	B	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-21G	Glass 500ml/16oz unpreserved	B	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-21X	Vial MeOH preserved split	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-21Y	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)
L2433786-21Z	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)
L2433786-22A	Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		HOLD-METAL(180)
L2433786-22B	Glass 120ml/4oz unpreserved	C	NA		4.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-22C	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-23A	Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		HOLD-METAL(180)
L2433786-23B	Glass 120ml/4oz unpreserved	C	NA		4.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-23C	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-24A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2433786-24B	Glass 120ml/4oz unpreserved	C	NA		4.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-24C	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-25A	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-25B	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-25C	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433786-25D	Plastic 2oz unpreserved for TS	B	NA		3.9	Y	Absent		TS(7)
L2433786-25E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2433786-25F	Glass 120ml/4oz unpreserved	B	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-25G	Glass 500ml/16oz unpreserved	B	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-25X	Vial MeOH preserved split	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-25Y	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)
L2433786-25Z	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)
L2433786-26A	Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		HOLD-METAL(180)
L2433786-26B	Glass 120ml/4oz unpreserved	C	NA		4.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-26C	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-27A	Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		HOLD-METAL(180)
L2433786-27B	Glass 120ml/4oz unpreserved	C	NA		4.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-27C	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-28A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2433786-28B	Glass 120ml/4oz unpreserved	C	NA		4.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-28C	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2433786-29A	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-29B	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-29C	5 gram Encore Sampler	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-29D	Plastic 2oz unpreserved for TS	B	NA		3.9	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433786
Report Date: 06/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433786-29E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2433786-29F	Glass 120ml/4oz unpreserved	B	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-29G	Glass 500ml/16oz unpreserved	B	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2433786-29X	Vial MeOH preserved split	B	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2433786-29Y	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)
L2433786-29Z	Vial Water preserved split	B	NA		3.9	Y	Absent	15-JUN-24 11:58	NYTCL-8260HLW(14)
L2433786-30A	Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		HOLD-METAL(180)
L2433786-30B	Glass 120ml/4oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-30C	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-31A	Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		HOLD-METAL(180)
L2433786-31B	Glass 120ml/4oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-31C	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2433786-32A	Vial HCl preserved	D	NA		4.5	Y	Absent		NYTCL-8260(14)
L2433786-32B	Vial HCl preserved	D	NA		4.5	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433786
Project Number:	3858.0004Y000	**Report Date:**	06/24/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433786
Project Number:	3858.0004Y000	**Report Date:**	06/24/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433786
Project Number:	3858.0004Y000	**Report Date:**	06/24/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433786
Project Number:	3858.0004Y000	**Report Date:**	06/24/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1
1 of 4

Date Rec'd in Lab 06/15/24

ALPHA Job # L2433786

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
35B6-01	C10_0-0.2	6/14/24	820	SO	JR			X	X	X	X				3
-02	C10_0.2-2		825	SO	JR	X	X	X	X	X	X	X	X		7
-03	C10_2-4		830	SO	JR			H	H	H	H			HOLD	3
-04	C10_4-6		835	SO	JR			H	H	H	H			HOLD	3
-05	DUP_06142024		1200	SO	JR			X	X	X	X				3
-06	FB_06142024		900	FB	JR			X	X	X	X				
-07	C11_0-0.2		920	SO	JR			X	X	X	X			MS/MSD	9
-08	C11_0.2-2		925	SO	JR	X	X	X	X	X	X	X	X		7
-09	C11_2-4		930	SO	JR			H	H	H	H			HOLD	3
-10	C11_4-6		935	SO	JR			H	H	H	H			HOLD	3

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	6/14/24 1445	PACE	6/14/24 15:05
PACE	6/14/24 17:35		6/14/24 18:45
	6/14/24		6/14 2200
	6/15 600		6/15/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 4

Date Rec'd in Lab: 06/15/24

ALPHA Job #: L2423786

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
33786-11	C13-0-0.2	6/14/24	1030	So	JR			X	X	X	X				3
-12	C13-0.2-2	↓	1035	So	JR	X	X	X	X	X	X	X	X		7
-13	C13-2-4		1040	So	JR			H	H	H	H			HOLD	3
-14	C13-4-6	↓	1045	So	JR			H	H	H	H			HOLD	3
-15	C13-11-13		1050	So	JR	X	X	X	X	X	X	X	X		7
-16	C14-0-0.2		1220	So	JR			X	X	X	X				3
-17	C14-0.2-2		1225	So	JR	X	X	X	X	X	X	X	X		7
-18	C14-2-4		1230	So	JR			H	H	H	H			HOLD	3
-19	C14-4-6		1235	So	JR			H	H	H	H			HOLD	3
-20	D14-0-0.2		1240	So	JR			X	X	X	X				3
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	6/14/24 1445	PACE	6/14/24 15:00
PACE	6/14/24 17:35		6/14/24 18:45
	6/14/24		6/14 2300
	6/15 100		6/15/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 4

Date Rec'd in Lab: 06/15/24

ALPHA Job #: L2433786

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
35186-21	D14_0.2-2	6/14/24	1245	So	JR	X	X	X	X	X	X	X	X		7
-22	D14_2-4		1250	So	JR			H	H	H	H			HOLD	3
-23	D14_4-6		1255	So	JR			H	H	H	H			HOLD	3
-24	D13_0-0.2		1310	So	JR			X	X	X	X				3
-25	D13_0.2-2		1315	So	JR	X	X	X	X	X	X	X	X		7
-26	D13_2-4		1320	So	JR			H	H	H	H			HOLD	3
-27	D13_4-6		1325	So	JR			H	H	H	H			HOLD	3
-28	D12_0-0.2		1350	So	JR			X	X	X	X				3
-29	D12_0.2-2		1355	So	JR	X	X	X	X	X	X	X	X		7
-30	D12_2-4		1400	So	JR			H	H	H	H			HOLD	3

Container Type: E | A | A | A | A | A | A | A
Preservative: A | A | A | A | A | A | A | A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EC	6/14/24 1445	PROE	6/14/24 15:00
PROE	6/14/24 17:35		6/14/24 18:45
	6/14/24		6/14 2200
	6/15 100		6/15/24 0420

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 4 of 4

Date Rec'd in Lab: 06/15/24

ALPHA Job #: L2433786

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
33786-31	D12_4-6	6/14/24	1405	SO	JR			H	H	H	H			HOLD	3
-32	Trip Blank TB 061424	6/10/24	—	TB	JR	X									2

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
FedEx	6/14/24 1445	PACE	6/14/24 15:00
PACE	6/14/24 17:35		6/14/24 18:45
	6/14/24		6/14 2200
	6/15 100		6/15/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2433800
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/28/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433800
Report Date: 06/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2433800-01	C13-0.2-2_P	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 10:35	06/14/24
L2433800-02	C13-11-13_P	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 10:50	06/14/24
L2433800-03	FB_06142024_P	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 11:10	06/14/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433800
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433800
Report Date: 06/28/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by 1633

L2433800-02 and WG1938670-1: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Ashley Boucher Ashley Boucher

Title: Technical Director/Representative Date: 06/28/24

ORGANICS

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433800
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433800-01
Client ID: C13-0.2-2_P
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 10:35
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/25/24 11:09
Analyst: AC
Percent Solids: 73%

Extraction Method: EPA 1633
Extraction Date: 06/24/24 17:40
Cleanup Method: EPA 1633
Cleanup Date: 06/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.149	J	ng/g	0.783	0.049	1
Perfluoropentanoic Acid (PFPeA)	0.067	J	ng/g	0.391	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.196	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.783	0.079	1
Perfluorohexanoic Acid (PFHxA)	0.057	J	ng/g	0.196	0.045	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.196	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.056	J	ng/g	0.196	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.196	0.058	1
Perfluorooctanoic Acid (PFOA)	0.180	J	ng/g	0.196	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.783	0.274	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.196	0.036	1
Perfluorononanoic Acid (PFNA)	0.128	J	ng/g	0.196	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	0.329		ng/g	0.196	0.078	1
Perfluorodecanoic Acid (PFDA)	0.078	J	ng/g	0.196	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.783	0.379	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.196	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.196	0.098	1
Perfluoroundecanoic Acid (PFUnA)	0.099	J	ng/g	0.196	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.196	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.196	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.196	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.196	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.196	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.196	0.104	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.783	0.096	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.783	0.143	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.196	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433800

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433800-01 Date Collected: 06/14/24 10:35

Client ID: C13-0.2-2_P Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.783	0.192	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.783	0.164	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.196	0.098	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.196	0.110	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.96	0.245	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.96	0.499	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.391	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.391	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.391	0.081	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.391	0.093	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.978	0.141	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.89	0.494	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.89	1.72	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433800

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433800-01 Date Collected: 06/14/24 10:35

Client ID: C13-0.2-2_P Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	139		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	107		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	94		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	145		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	105		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	105		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	70		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	58		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	57		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	62		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433800
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433800-02
Client ID: C13-11-13_P
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 10:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/25/24 13:42
Analyst: AC
Percent Solids: 90%

Extraction Method: EPA 1633
Extraction Date: 06/24/24 17:40
Cleanup Method: EPA 1633
Cleanup Date: 06/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.793	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.793	0.080	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.198	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.793	0.278	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.198	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.793	0.384	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.793	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.793	0.145	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.038	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433800

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433800-02 Date Collected: 06/14/24 10:50

Client ID: C13-11-13_P Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.793	0.194	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.793	0.166	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.111	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.248	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.506	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.397	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.094	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.992	0.143	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.501	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	1.74	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433800

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433800-02 Date Collected: 06/14/24 10:50

Client ID: C13-11-13_P Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	137		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	105		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**169**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	90		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	91		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	28		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	28		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	47		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	42		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433800
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433800-03
Client ID: FB_06142024_P
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 11:10
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/26/24 21:20
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/26/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.01	J	ng/l	6.15	0.984	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.08	0.823	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.54	0.515	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.15	1.61	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.54	0.454	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.54	0.269	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.54	0.308	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.54	0.369	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.54	0.669	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.15	2.08	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.54	0.415	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.54	0.484	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.54	0.700	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.54	0.623	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.15	2.39	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.54	0.477	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.54	0.838	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.54	0.669	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.54	0.354	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.54	0.415	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.54	0.830	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.54	0.707	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.54	0.577	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.54	0.408	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.15	0.861	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.15	0.969	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.54	0.584	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433800

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433800-03 Date Collected: 06/14/24 11:10

Client ID: FB_06142024_P Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.15	1.27	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.15	1.27	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.54	0.669	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.54	0.707	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.4	3.61	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.4	1.88	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.08	0.438	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.08	0.408	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.08	0.338	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.08	1.81	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.69	2.54	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	38.4	9.00	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	38.4	6.07	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2433800

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433800-03 Date Collected: 06/14/24 11:10

Client ID: FB_06142024_P Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	102		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	89		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	95		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	110		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	70		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	68		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	65		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	92		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	67		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	63		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	64		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	59		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	59		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433800
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/25/24 08:11
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/24/24 17:40
Cleanup Method: EPA 1633
Cleanup Date: 06/25/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02 Batch: WG1938670-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433800
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/25/24 08:11
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/24/24 17:40
Cleanup Method: EPA 1633
Cleanup Date: 06/25/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02 Batch: WG1938670-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433800
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/25/24 08:11
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/24/24 17:40
Cleanup Method: EPA 1633
Cleanup Date: 06/25/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02 Batch: WG1938670-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**171**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	94		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	92		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	111		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	90		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	101		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	122		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	114		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	94		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	89		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	114		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	60		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	50		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	50		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	73		20-150

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433800
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/26/24 16:58
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/26/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1939435-1					
Perfluorobutanoic Acid (PFBA)	1.48	J	ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433800
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/26/24 16:58
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/26/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1939435-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433800
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/26/24 16:58
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/26/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1939435-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	72		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	71		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	80		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	68		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	75		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	68		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	70		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	59		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	77		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	66		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	63		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	42		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	51		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	65		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433800
Report Date: 06/28/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1938670-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	97		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	98		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	92		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	92		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	106		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	107		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	95		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	97		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	102		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	101		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	98		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	94		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	126		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	97		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	113		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	87		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	102		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	84		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	95		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	93		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	102		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	92		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433800

Report Date: 06/28/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1938670-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	76		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	98		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	95		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	105		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	56		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	110		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	100		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	105		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	94		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	110		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	114		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	102		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	91		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	95		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	109		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	96		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	92		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	79		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433800

Report Date: 06/28/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1938670-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	137				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	92				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	105				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	85				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	108				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	103				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	86				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	105				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	87				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	46				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	50				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	73				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	69				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433800

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1938670-3								
Perfluorobutanoic Acid (PFBA)	87		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	87		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	86		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	93		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	92		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	93		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	87		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	83		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	85		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	96		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	85		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	82		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	84		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	85		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	101		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	79		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	90		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	86		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	82		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	85		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	85		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	99		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433800
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1938670-3								
Perfluorotridecanoic Acid (PFTrDA)	77		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	80		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	87		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	95		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	44		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	100		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	93		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	90		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	87		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	103		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	103		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	92		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	84		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	84		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	104		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	88		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	83		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	71		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433800

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1938670-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	100				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	129				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	90				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	98				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	92				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	107				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	92				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	97				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	120				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	108				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	85				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	106				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	84				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	52				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	51				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	73				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	70				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433800
Report Date: 06/28/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1939435-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	128		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	121		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	120		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	115		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	128		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	123		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	118		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	112		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	140		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	128		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	132		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	102		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	130		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	120		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	127		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	123		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	98		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	138		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	102		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	113		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	133		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	132		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433800
Report Date: 06/28/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1939435-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	108		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	119		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	120		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	134		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	88		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	115		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	100		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	118		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	90		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	110		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	110		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	117		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	119		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	125		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	108		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	114		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	97		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	65		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433800

Report Date: 06/28/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1939435-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	90				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	105				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	68				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	69				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	81				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	55				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	46				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433800

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1939435-3								
Perfluorobutanoic Acid (PFBA)	101		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	108		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	96		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	100		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	99		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	99		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	102		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	96		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	104		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	104		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	99		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	98		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	103		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	102		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	110		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	100		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	101		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	93		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	93		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	106		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433800
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1939435-3								
Perfluorotridecanoic Acid (PFTrDA)	104		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	105		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	98		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	103		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	97		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	91		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	89		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	96		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	94		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	89		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	94		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	116		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	94		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	98		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	84		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	105		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	85		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	63		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433800

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1939435-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	92				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	106				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	88				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	93				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	78				20-150

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433800
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433800-01
Client ID: C13-0.2-2_P
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/14/24 10:35
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	72.8		%	0.100	0.100	1	-	06/16/24 10:14	121,2540G	KAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2433800
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433800-02
Client ID: C13-11-13_P
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 10:50
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	89.7		%	0.100	0.100	1	-	06/16/24 10:14	121,2540G	KAR

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2433800

Report Date: 06/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1934937-1 QC Sample: L2433680-01 Client ID: DUP Sample						
Solids, Total	83.0	83.4	%	0		10

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433800
Report Date: 06/28/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433800-01A	Plastic 8oz unpreserved	D	NA		4.5	Y	Absent		A2-1633-DRAFT(90)
L2433800-01B	Plastic 2oz unpreserved for TS	D	NA		4.5	Y	Absent		A2-TS(7)
L2433800-02A	Plastic 8oz unpreserved	D	NA		4.5	Y	Absent		A2-1633-DRAFT(90)
L2433800-02B	Plastic 2oz unpreserved for TS	D	NA		4.5	Y	Absent		A2-TS(7)
L2433800-03A	Plastic 500ml unpreserved	D	NA		4.5	Y	Absent		A2-1633-DRAFT(28)
L2433800-03B	Plastic 500ml unpreserved	D	NA		4.5	Y	Absent		A2-1633-DRAFT(28)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433800
Report Date: 06/28/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2433800
Report Date: 06/28/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433800
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433800
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433800
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2433800
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

REFERENCES

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/15/24

ALPHA Job #: L2433800

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☑ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide PFAS USEPA 1633	Sample Specific Comments	Total Bottles
-01	CB3-0.2-2-P	6/14/24	1035	S	JR								X		2
-02	CB3-11-13-P	"	1050	S	JR								X		2
-03	PB-06142024-P	"	1110	W	JR								X		2
Container Type						E	A	A	A	A	A	A	A-P		
Preservative						A	A	A	A	A	A	A	A-A		

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	6/14/24 1445	PSEE	6/14/24 15:00
	6/14/24 1735		6/14/24 1800
	6/15 1000		6/15/24 0100
Rel: Mendoza ARR	6/15/24 0840	Mendoza	6/15/24 0800

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Rec: Alivia Hayhurst 6/15/24 08:40

Form No: 01-25 (rev. 30-Sept-2013)

0 — 6/15/24 600

ANALYTICAL REPORT

Lab Number:	L2434058
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/25/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2434058-01	D11_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 09:00	06/17/24
L2434058-02	D11_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 09:05	06/17/24
L2434058-03	D11_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 09:10	06/17/24
L2434058-04	D11_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 09:15	06/17/24
L2434058-05	D10_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 09:45	06/17/24
L2434058-06	D10_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 09:50	06/17/24
L2434058-07	D10_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 09:55	06/17/24
L2434058-08	D10_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 10:00	06/17/24
L2434058-09	D9_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 10:40	06/17/24
L2434058-10	D9_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 10:45	06/17/24
L2434058-11	D9_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 10:50	06/17/24
L2434058-12	D9_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 10:55	06/17/24
L2434058-13	D8_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 11:00	06/17/24
L2434058-14	D8_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 11:05	06/17/24
L2434058-15	D8_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 11:10	06/17/24
L2434058-16	D8_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 11:15	06/17/24
L2434058-17	D7_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 12:05	06/17/24
L2434058-18	D7_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 12:10	06/17/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2434058-19	D7_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 12:15	06/17/24
L2434058-20	D7_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 12:20	06/17/24
L2434058-21	D6_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 12:30	06/17/24
L2434058-22	D6_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 12:35	06/17/24
L2434058-23	D6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 12:40	06/17/24
L2434058-24	D6_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 12:45	06/17/24
L2434058-25	D5_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 13:15	06/17/24
L2434058-26	D5_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 13:20	06/17/24
L2434058-27	D5_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 13:25	06/17/24
L2434058-28	D5_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 13:30	06/17/24
L2434058-29	D4_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 13:50	06/17/24
L2434058-30	D4_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 13:55	06/17/24
L2434058-31	D4_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 14:00	06/17/24
L2434058-32	D4_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 14:05	06/17/24
L2434058-33	D3_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 14:10	06/17/24
L2434058-34	D3_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 14:15	06/17/24
L2434058-35	D3_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 14:20	06/17/24
L2434058-36	D3_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 14:25	06/17/24
L2434058-37	FB_06172024	FIELD BLANK	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 09:30	06/17/24
L2434058-38	DUP_06172024	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 12:00	06/17/24
L2434058-39	TB_06172024	TRIP BLANK	850 DOBBS FERRY ROAD, WHITE	06/10/24 00:00	06/17/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
		(AQUEOUS)	PLAINS, NY		

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434058
Project Number:	3858.0004Y000	**Report Date:**	06/25/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434058
Project Number:	3858.0004Y000	**Report Date:**	06/25/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

The WG1937663-6/-7 MS/MSD recoveries, performed on L2434058-02, are below the acceptance criteria for vinyl acetate (0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

Semivolatile Organics

The WG1937904-2/-3 LCS/LCSD recoveries, associated with L2434058-37, are below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals

L2434058-01, -02, -05, -06, -09, -10, -13, -14, -17, -18, -21, -22, -25, -26, -29, -30,-33, -34, and -38:
The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2434058-37: The Field Blank has a result for barium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG1937289-3/-4 MS/MSD recoveries for aluminum (576%/0%), arsenic (MSD 0%), iron (1150%/0%), and manganese (0%/20%), performed on L2434058-02, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1937289-4 MS recoveries, performed on L2434058-02, are outside the acceptance criteria for antimony (70%), chromium (21%), lead (42%), magnesium (73%), and zinc (67%). A post digestion spike was performed and was within acceptance criteria.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434058
Project Number:	3858.0004Y000	**Report Date:**	06/25/24

Case Narrative (continued)

The WG1937289-3/-4 MS/MSD RPD for arsenic (24%), performed on L2434058-02, is above the acceptance criteria.

Total Mercury

The WG1937290-3 MS recovery, performed on L2434058-02, is outside the acceptance criteria for mercury (77%). A post digestion spike was performed and was within acceptance criteria.

Hexavalent Chromium

L2434058-37: The sample was analyzed with the method required holding time exceeded.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 06/25/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-02
Client ID: D11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:05
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/21/24 11:39
Analyst: LAC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.70	0.28	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.98	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.24	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.70	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.82	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-02 Date Collected: 06/17/24 09:05

Client ID: D11_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.79	1
o-Xylene	ND		ug/kg	1.4	0.41	1
Xylenes, Total	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.70	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.17	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.6	0.92	1
Acrylonitrile	ND		ug/kg	5.6	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-02 Date Collected: 06/17/24 09:05

Client ID: D11_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	49.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.54	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	2.0	1
Tentatively Identified Compounds						
Total TIC Compounds	3.73	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	3.73	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-06
Client ID: D10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:50
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/21/24 12:19
Analyst: LAC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.6	4.0	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.25	1
Chloroform	ND		ug/kg	2.6	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.40	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.22	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.46	1
Tetrachloroethene	ND		ug/kg	0.86	0.34	1
Chlorobenzene	ND		ug/kg	0.86	0.22	1
Trichlorofluoromethane	ND		ug/kg	6.9	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.44	1
1,1,1-Trichloroethane	ND		ug/kg	0.86	0.29	1
Bromodichloromethane	ND		ug/kg	0.86	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.47	1
cis-1,3-Dichloropropene	ND		ug/kg	0.86	0.27	1
1,3-Dichloropropene, Total	ND		ug/kg	0.86	0.27	1
1,1-Dichloropropene	ND		ug/kg	0.86	0.27	1
Bromoform	ND		ug/kg	6.9	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.86	0.29	1
Benzene	ND		ug/kg	0.86	0.29	1
Toluene	ND		ug/kg	1.7	0.94	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.9	1.6	1
Bromomethane	ND		ug/kg	3.4	1.0	1
Vinyl chloride	ND		ug/kg	1.7	0.58	1
Chloroethane	ND		ug/kg	3.4	0.78	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.41	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.24	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-06 Date Collected: 06/17/24 09:50

Client ID: D10_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.86	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.30	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.35	1
p/m-Xylene	ND		ug/kg	3.4	0.97	1
o-Xylene	ND		ug/kg	1.7	0.50	1
Xylenes, Total	ND		ug/kg	1.7	0.50	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.24	1
Dibromomethane	ND		ug/kg	3.4	0.41	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	17	1.6	1
Acetone	ND		ug/kg	17	8.3	1
Carbon disulfide	ND		ug/kg	17	7.9	1
2-Butanone	ND		ug/kg	17	3.8	1
Vinyl acetate	ND		ug/kg	17	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	3.4	0.22	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.35	1
2,2-Dichloropropane	ND		ug/kg	3.4	0.35	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.48	1
1,3-Dichloropropane	ND		ug/kg	3.4	0.29	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.86	0.23	1
Bromobenzene	ND		ug/kg	3.4	0.25	1
n-Butylbenzene	ND		ug/kg	1.7	0.29	1
sec-Butylbenzene	ND		ug/kg	1.7	0.25	1
tert-Butylbenzene	ND		ug/kg	3.4	0.20	1
o-Chlorotoluene	ND		ug/kg	3.4	0.33	1
p-Chlorotoluene	ND		ug/kg	3.4	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	1.7	1
Hexachlorobutadiene	ND		ug/kg	6.9	0.29	1
Isopropylbenzene	ND		ug/kg	1.7	0.19	1
p-Isopropyltoluene	1.2	J	ug/kg	1.7	0.19	1
Naphthalene	ND		ug/kg	6.9	1.1	1
Acrylonitrile	ND		ug/kg	6.9	2.0	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-06 Date Collected: 06/17/24 09:50

Client ID: D10_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.7	0.30	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.56	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.47	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.4	0.33	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.4	0.58	1
1,4-Dioxane	ND		ug/kg	140	61.	1
p-Diethylbenzene	ND		ug/kg	3.4	0.30	1
p-Ethyltoluene	ND		ug/kg	3.4	0.66	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.4	0.33	1
Ethyl ether	ND		ug/kg	3.4	0.59	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.6	2.4	1
Tentatively Identified Compounds						
Total TIC Compounds	20.3	J	ug/kg			1
Unknown	3.75	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	4.63	NJ	ug/kg			1
Unknown Alkane	6.46	J	ug/kg			1
Unknown Alkane	5.41	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-10 Date Collected: 06/17/24 10:45
Client ID: D9_0.2-2 Date Received: 06/17/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/21/24 12:59
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.5	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.75	0.29	1
Chlorobenzene	ND		ug/kg	0.75	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.0	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.75	0.25	1
Bromodichloromethane	ND		ug/kg	0.75	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.75	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.75	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.75	0.24	1
Bromoform	ND		ug/kg	6.0	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.75	0.25	1
Benzene	ND		ug/kg	0.75	0.25	1
Toluene	ND		ug/kg	1.5	0.81	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.0	1.4	1
Bromomethane	ND		ug/kg	3.0	0.87	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.67	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-10 Date Collected: 06/17/24 10:45

Client ID: D9_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.75	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.84	1
o-Xylene	ND		ug/kg	1.5	0.43	1
Xylenes, Total	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	3.0	0.36	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.2	1
Carbon disulfide	ND		ug/kg	15	6.8	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.30	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.75	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.28	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	6.0	0.97	1
Acrylonitrile	ND		ug/kg	6.0	1.7	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-10 Date Collected: 06/17/24 10:45

Client ID: D9_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.50	1
1,4-Dioxane	ND		ug/kg	120	52.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.26	1
p-Ethyltoluene	ND		ug/kg	3.0	0.57	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.28	1
Ethyl ether	ND		ug/kg	3.0	0.51	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.5	2.1	1

Tentatively Identified Compounds				
Total TIC Compounds	6.43	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	3.10	NJ	ug/kg	1
Unknown Alkane	3.33	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-14
Client ID: D8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 11:05
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/21/24 13:39
Analyst: LAC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-14 Date Collected: 06/17/24 11:05

Client ID: D8_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.14	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-14 Date Collected: 06/17/24 11:05

Client ID: D8_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
1,4-Dioxane	ND		ug/kg	99	43.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	108		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-18
Client ID: D7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:10
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/21/24 14:18
Analyst: LAC
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.3	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.39	1
Tetrachloroethene	ND		ug/kg	0.73	0.28	1
Chlorobenzene	ND		ug/kg	0.73	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.8	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.73	0.24	1
Bromodichloromethane	ND		ug/kg	0.73	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.73	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.73	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.73	0.23	1
Bromoform	ND		ug/kg	5.8	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.73	0.24	1
Benzene	ND		ug/kg	0.73	0.24	1
Toluene	ND		ug/kg	1.4	0.79	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.8	1.4	1
Bromomethane	ND		ug/kg	2.9	0.85	1
Vinyl chloride	ND		ug/kg	1.4	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-18 Date Collected: 06/17/24 12:10

Client ID: D7_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.73	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.82	1
o-Xylene	ND		ug/kg	1.4	0.42	1
Xylenes, Total	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.35	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	9.9	J	ug/kg	14	7.0	1
Carbon disulfide	ND		ug/kg	14	6.6	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.41	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.73	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.25	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.8	0.95	1
Acrylonitrile	ND		ug/kg	5.8	1.7	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-18 Date Collected: 06/17/24 12:10

Client ID: D7_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.49	1
1,4-Dioxane	ND		ug/kg	120	51.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.3	2.1	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-22
Client ID: D6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:35
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/21/24 14:58
Analyst: LAC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.70	0.27	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.97	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.70	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.81	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-22 Date Collected: 06/17/24 12:35

Client ID: D6_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.3	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.70	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.6	0.91	1
Acrylonitrile	ND		ug/kg	5.6	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-22 Date Collected: 06/17/24 12:35

Client ID: D6_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.46	1
1,4-Dioxane	ND		ug/kg	110	49.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.54	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	2.0	1
Tentatively Identified Compounds						
Total TIC Compounds	3.33	J	ug/kg			1
Unknown	3.33	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	114		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-26
Client ID: D5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 13:20
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/21/24 15:37
Analyst: LAC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-26 Date Collected: 06/17/24 13:20

Client ID: D5_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-26 Date Collected: 06/17/24 13:20

Client ID: D5_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-30
Client ID: D4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 13:55
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/22/24 14:32
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.70	0.27	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.97	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.70	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.81	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-30 Date Collected: 06/17/24 13:55

Client ID: D4_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.41	1
Xylenes, Total	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.70	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.6	0.91	1
Acrylonitrile	ND		ug/kg	5.6	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-30 Date Collected: 06/17/24 13:55

Client ID: D4_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	49.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.54	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	2.0	1
Tentatively Identified Compounds						
Total TIC Compounds	5.74	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	5.74	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-34
Client ID: D3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 14:15
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/22/24 15:10
Analyst: AJK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.63	0.24	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-34 Date Collected: 06/17/24 14:15

Client ID: D3_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.81	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-34 Date Collected: 06/17/24 14:15

Client ID: D3_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1
Tentatively Identified Compounds						
Total TIC Compounds	4.98	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	4.98	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-37
Client ID: FB_06172024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 09:30
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8260D
Analytical Date: 06/19/24 16:18
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-37 Date Collected: 06/17/24 09:30

Client ID: FB_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-37 Date Collected: 06/17/24 09:30

Client ID: FB_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	108		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-38
Client ID: DUP_06172024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:00
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/22/24 15:49
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.7	4.0	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.25	1
Chloroform	ND		ug/kg	2.6	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.40	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.22	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.46	1
Tetrachloroethene	ND		ug/kg	0.87	0.34	1
Chlorobenzene	ND		ug/kg	0.87	0.22	1
Trichlorofluoromethane	ND		ug/kg	7.0	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.45	1
1,1,1-Trichloroethane	ND		ug/kg	0.87	0.29	1
Bromodichloromethane	ND		ug/kg	0.87	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.48	1
cis-1,3-Dichloropropene	ND		ug/kg	0.87	0.28	1
1,3-Dichloropropene, Total	ND		ug/kg	0.87	0.28	1
1,1-Dichloropropene	ND		ug/kg	0.87	0.28	1
Bromoform	ND		ug/kg	7.0	0.43	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.87	0.29	1
Benzene	ND		ug/kg	0.87	0.29	1
Toluene	ND		ug/kg	1.7	0.95	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	7.0	1.6	1
Bromomethane	ND		ug/kg	3.5	1.0	1
Vinyl chloride	ND		ug/kg	1.7	0.58	1
Chloroethane	ND		ug/kg	3.5	0.79	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.41	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.24	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-38 Date Collected: 06/17/24 12:00

Client ID: DUP_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.87	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.5	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	3.5	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	3.5	0.30	1
Methyl tert butyl ether	ND		ug/kg	3.5	0.35	1
p/m-Xylene	ND		ug/kg	3.5	0.98	1
o-Xylene	ND		ug/kg	1.7	0.51	1
Xylenes, Total	ND		ug/kg	1.7	0.51	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.24	1
Dibromomethane	ND		ug/kg	3.5	0.41	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	17	1.6	1
Acetone	16	J	ug/kg	17	8.4	1
Carbon disulfide	ND		ug/kg	17	7.9	1
2-Butanone	ND		ug/kg	17	3.9	1
Vinyl acetate	ND		ug/kg	17	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	3.5	0.22	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.5	0.36	1
2,2-Dichloropropane	ND		ug/kg	3.5	0.35	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.49	1
1,3-Dichloropropane	ND		ug/kg	3.5	0.29	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.87	0.23	1
Bromobenzene	ND		ug/kg	3.5	0.25	1
n-Butylbenzene	ND		ug/kg	1.7	0.29	1
sec-Butylbenzene	ND		ug/kg	1.7	0.25	1
tert-Butylbenzene	ND		ug/kg	3.5	0.20	1
o-Chlorotoluene	ND		ug/kg	3.5	0.33	1
p-Chlorotoluene	ND		ug/kg	3.5	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	1.7	1
Hexachlorobutadiene	ND		ug/kg	7.0	0.29	1
Isopropylbenzene	ND		ug/kg	1.7	0.19	1
p-Isopropyltoluene	6.3		ug/kg	1.7	0.19	1
Naphthalene	ND		ug/kg	7.0	1.1	1
Acrylonitrile	ND		ug/kg	7.0	2.0	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-38 Date Collected: 06/17/24 12:00

Client ID: DUP_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.7	0.30	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.5	0.56	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.5	0.47	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.5	0.34	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.5	0.58	1
1,4-Dioxane	ND		ug/kg	140	61.	1
p-Diethylbenzene	ND		ug/kg	3.5	0.31	1
p-Ethyltoluene	ND		ug/kg	3.5	0.67	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.5	0.33	1
Ethyl ether	ND		ug/kg	3.5	0.59	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.7	2.5	1
Tentatively Identified Compounds						
Total TIC Compounds	143	J	ug/kg			1
Unknown	20.8	J	ug/kg			1
Unknown	8.02	J	ug/kg			1
Unknown	5.98	J	ug/kg			1
Unknown	26.8	J	ug/kg			1
Unknown	50.0	J	ug/kg			1
Unknown	25.1	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	5.96	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-39 Date Collected: 06/10/24 00:00

Client ID: TB_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Trip Blank (Aqueous)

Analytical Method: 1,8260D

Analytical Date: 06/19/24 16:44

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-39 Date Collected: 06/10/24 00:00

Client ID: TB_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-39 Date Collected: 06/10/24 00:00

Client ID: TB_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	107		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 09:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 37,39 Batch: WG1936931-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 09:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 37,39 Batch: WG1936931-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 09:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 37,39 Batch: WG1936931-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 09:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 37,39 Batch: WG1936931-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/22/24 13:53
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 30,34,38 Batch: WG1937663-12					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	0.85	J	ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/22/24 13:53
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 30,34,38 Batch: WG1937663-12					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/22/24 13:53
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 30,34,38 Batch: WG1937663-12					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	44.0	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	5.77	NJ	ug/kg
Unknown	2.05	J	ug/kg
Boric acid, trimethyl ester	36.2	NJ	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/22/24 13:53
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 30,34,38 Batch: WG1937663-12					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/21/24 09:01
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1937663-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/21/24 09:01
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1937663-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/21/24 09:01
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1937663-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	28.0	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	4.12	NJ	ug/kg
Boric acid, trimethyl ester	23.9	NJ	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/21/24 09:01
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1937663-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 37,39 Batch: WG1936931-3 WG1936931-4								
Methylene chloride	100		98		70-130	2		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		99		70-130	1		20
Dibromochloromethane	99		95		63-130	4		20
1,1,2-Trichloroethane	110		100		70-130	10		20
Tetrachloroethene	96		91		70-130	5		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	100		98		62-150	2		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	99		96		70-130	3		20
cis-1,3-Dichloropropene	100		96		70-130	4		20
1,1-Dichloropropene	110		100		70-130	10		20
Bromoform	93		91		54-136	2		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	87		83		64-130	5		20
Bromomethane	49		47		39-139	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 37,39 Batch: WG1936931-3 WG1936931-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	97		92		61-145	5		20
trans-1,2-Dichloroethene	110		99		70-130	11		20
Trichloroethene	100		94		70-130	6		20
1,2-Dichlorobenzene	100		99		70-130	1		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		99		70-130	1		20
Methyl tert butyl ether	89		86		63-130	3		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	105		100		70-130	5		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	110		97		70-130	13		20
1,2,3-Trichloropropane	110		110		64-130	0		20
Acrylonitrile	97		92		70-130	5		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	92		85		36-147	8		20
Acetone	83		76		58-148	9		20
Carbon disulfide	100		95		51-130	5		20
2-Butanone	99		91		63-138	8		20
Vinyl acetate	**160**	Q	**150**	Q	70-130	6		20
4-Methyl-2-pentanone	76		75		59-130	1		20
2-Hexanone	71		70		57-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 37,39 Batch: WG1936931-3 WG1936931-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	99		97		70-130	2		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		98		64-130	2		20
Bromobenzene	100		99		70-130	1		20
n-Butylbenzene	120		110		53-136	9		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		100		70-130	10		20
o-Chlorotoluene	120		110		70-130	9		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	88		86		41-144	2		20
Hexachlorobutadiene	110		100		63-130	10		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	77		77		70-130	0		20
n-Propylbenzene	120		110		69-130	9		20
1,2,3-Trichlorobenzene	82		81		70-130	1		20
1,2,4-Trichlorobenzene	85		81		70-130	5		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	140		140		56-162	0		20
p-Diethylbenzene	110		100		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 37,39 Batch: WG1936931-3 WG1936931-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	93		90		70-130	3		20
Ethyl ether	97		91		59-134	6		20
trans-1,4-Dichloro-2-butene	100		97		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		102		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	101		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 30,34,38 Batch: WG1937663-10 WG1937663-11								
Methylene chloride	96		92		70-130	4		30
1,1-Dichloroethane	99		98		70-130	1		30
Chloroform	96		95		70-130	1		30
Carbon tetrachloride	96		95		70-130	1		30
1,2-Dichloropropane	100		100		70-130	0		30
Dibromochloromethane	92		94		70-130	2		30
1,1,2-Trichloroethane	91		90		70-130	1		30
Tetrachloroethene	92		90		70-130	2		30
Chlorobenzene	94		93		70-130	1		30
Trichlorofluoromethane	106		101		70-139	5		30
1,2-Dichloroethane	94		94		70-130	0		30
1,1,1-Trichloroethane	94		93		70-130	1		30
Bromodichloromethane	96		97		70-130	1		30
trans-1,3-Dichloropropene	95		95		70-130	0		30
cis-1,3-Dichloropropene	98		98		70-130	0		30
1,1-Dichloropropene	94		93		70-130	1		30
Bromoform	88		89		70-130	1		30
1,1,2,2-Tetrachloroethane	95		92		70-130	3		30
Benzene	99		98		70-130	1		30
Toluene	97		95		70-130	2		30
Ethylbenzene	98		96		70-130	2		30
Chloromethane	102		97		52-130	5		30
Bromomethane	85		85		57-147	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 30,34,38 Batch: WG1937663-10 WG1937663-11								
Vinyl chloride	114		109		67-130	4		30
Chloroethane	103		100		50-151	3		30
1,1-Dichloroethene	95		91		65-135	4		30
trans-1,2-Dichloroethene	95		92		70-130	3		30
Trichloroethene	93		93		70-130	0		30
1,2-Dichlorobenzene	92		94		70-130	2		30
1,3-Dichlorobenzene	95		94		70-130	1		30
1,4-Dichlorobenzene	95		94		70-130	1		30
Methyl tert butyl ether	92		92		66-130	0		30
p/m-Xylene	98		96		70-130	2		30
o-Xylene	97		95		70-130	2		30
cis-1,2-Dichloroethene	92		91		70-130	1		30
Dibromomethane	94		94		70-130	0		30
Styrene	102		100		70-130	2		30
Dichlorodifluoromethane	98		94		30-146	4		30
Acetone	130		117		54-140	11		30
Carbon disulfide	93		87		59-130	7		30
2-Butanone	114		111		70-130	3		30
Vinyl acetate	112		108		70-130	4		30
4-Methyl-2-pentanone	100		100		70-130	0		30
1,2,3-Trichloropropane	92		91		68-130	1		30
2-Hexanone	108		112		70-130	4		30
Bromochloromethane	95		95		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 30,34,38 Batch: WG1937663-10 WG1937663-11								
2,2-Dichloropropane	96		95		70-130	1		30
1,2-Dibromoethane	92		91		70-130	1		30
1,3-Dichloropropane	93		93		69-130	0		30
1,1,1,2-Tetrachloroethane	92		92		70-130	0		30
Bromobenzene	94		92		70-130	2		30
n-Butylbenzene	100		99		70-130	1		30
sec-Butylbenzene	98		96		70-130	2		30
tert-Butylbenzene	95		93		70-130	2		30
o-Chlorotoluene	96		93		70-130	3		30
p-Chlorotoluene	95		92		70-130	3		30
1,2-Dibromo-3-chloropropane	90		92		68-130	2		30
Hexachlorobutadiene	96		98		67-130	2		30
Isopropylbenzene	98		95		70-130	3		30
p-Isopropyltoluene	98		96		70-130	2		30
Naphthalene	90		92		70-130	2		30
Acrylonitrile	107		102		70-130	5		30
n-Propylbenzene	99		96		70-130	3		30
1,2,3-Trichlorobenzene	98		100		70-130	2		30
1,2,4-Trichlorobenzene	97		97		70-130	0		30
1,3,5-Trimethylbenzene	97		94		70-130	3		30
1,2,4-Trimethylbenzene	97		95		70-130	2		30
1,4-Dioxane	79		82		65-136	4		30
p-Diethylbenzene	96		95		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 30,34,38 Batch: WG1937663-10 WG1937663-11								
p-Ethyltoluene	97		94		70-130	3		30
1,2,4,5-Tetramethylbenzene	98		97		70-130	1		30
Ethyl ether	93		92		67-130	1		30
trans-1,4-Dichloro-2-butene	108		106		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		102		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	100		97		70-130
Dibromofluoromethane	102		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1937663-3 WG1937663-4								
Methylene chloride	104		99		70-130	5		30
1,1-Dichloroethane	108		104		70-130	4		30
Chloroform	104		100		70-130	4		30
Carbon tetrachloride	104		101		70-130	3		30
1,2-Dichloropropane	107		105		70-130	2		30
Dibromochloromethane	95		94		70-130	1		30
1,1,2-Trichloroethane	93		90		70-130	3		30
Tetrachloroethene	97		93		70-130	4		30
Chlorobenzene	97		95		70-130	2		30
Trichlorofluoromethane	117		108		70-139	8		30
1,2-Dichloroethane	101		98		70-130	3		30
1,1,1-Trichloroethane	103		101		70-130	2		30
Bromodichloromethane	102		102		70-130	0		30
trans-1,3-Dichloropropene	96		93		70-130	3		30
cis-1,3-Dichloropropene	103		103		70-130	0		30
1,1-Dichloropropene	104		100		70-130	4		30
Bromoform	88		88		70-130	0		30
1,1,2,2-Tetrachloroethane	91		88		70-130	3		30
Benzene	107		104		70-130	3		30
Toluene	99		96		70-130	3		30
Ethylbenzene	102		99		70-130	3		30
Chloromethane	112		105		52-130	6		30
Bromomethane	94		92		57-147	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1937663-3 WG1937663-4								
Vinyl chloride	123		115		67-130	7		30
Chloroethane	114		108		50-151	5		30
1,1-Dichloroethene	104		98		65-135	6		30
trans-1,2-Dichloroethene	104		99		70-130	5		30
Trichloroethene	102		101		70-130	1		30
1,2-Dichlorobenzene	94		91		70-130	3		30
1,3-Dichlorobenzene	96		93		70-130	3		30
1,4-Dichlorobenzene	96		93		70-130	3		30
Methyl tert butyl ether	97		94		66-130	3		30
p/m-Xylene	101		99		70-130	2		30
o-Xylene	100		98		70-130	2		30
cis-1,2-Dichloroethene	100		96		70-130	4		30
Dibromomethane	99		97		70-130	2		30
Styrene	104		102		70-130	2		30
Dichlorodifluoromethane	107		100		30-146	7		30
Acetone	121		109		54-140	10		30
Carbon disulfide	98		93		59-130	5		30
2-Butanone	113		109		70-130	4		30
Vinyl acetate	114		105		70-130	8		30
4-Methyl-2-pentanone	101		97		70-130	4		30
1,2,3-Trichloropropane	89		87		68-130	2		30
2-Hexanone	109		105		70-130	4		30
Bromochloromethane	103		100		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1937663-3 WG1937663-4								
2,2-Dichloropropane	105		101		70-130	4		30
1,2-Dibromoethane	94		91		70-130	3		30
1,3-Dichloropropane	94		91		69-130	3		30
1,1,1,2-Tetrachloroethane	95		94		70-130	1		30
Bromobenzene	94		92		70-130	2		30
n-Butylbenzene	100		96		70-130	4		30
sec-Butylbenzene	98		95		70-130	3		30
tert-Butylbenzene	96		93		70-130	3		30
o-Chlorotoluene	96		93		70-130	3		30
p-Chlorotoluene	94		92		70-130	2		30
1,2-Dibromo-3-chloropropane	88		88		68-130	0		30
Hexachlorobutadiene	101		98		67-130	3		30
Isopropylbenzene	97		95		70-130	2		30
p-Isopropyltoluene	98		95		70-130	3		30
Naphthalene	91		92		70-130	1		30
Acrylonitrile	107		105		70-130	2		30
n-Propylbenzene	99		96		70-130	3		30
1,2,3-Trichlorobenzene	104		108		70-130	4		30
1,2,4-Trichlorobenzene	100		99		70-130	1		30
1,3,5-Trimethylbenzene	96		94		70-130	2		30
1,2,4-Trimethylbenzene	97		95		70-130	2		30
1,4-Dioxane	92		84		65-136	9		30
p-Diethylbenzene	98		94		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1937663-3 WG1937663-4								
p-Ethyltoluene	98		94		70-130	4		30
1,2,4,5-Tetramethylbenzene	98		96		70-130	2		30
Ethyl ether	102		95		67-130	7		30
trans-1,4-Dichloro-2-butene	104		100		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		97		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	104		104		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,34,38 QC Batch ID: WG1937663-6 WG1937663-7 QC Sample: L2434058-02 Client ID: D11_0.2-2												
Methylene chloride	ND	136	83	**61**	Q	90	**61**	Q	70-130	8		30
1,1-Dichloroethane	ND	136	93	**68**	Q	99	**66**	Q	70-130	7		30
Chloroform	ND	136	80	**59**	Q	85	**57**	Q	70-130	6		30
Carbon tetrachloride	ND	136	77	**57**	Q	76	**51**	Q	70-130	2		30
1,2-Dichloropropane	ND	136	78	**58**	Q	83	**56**	Q	70-130	6		30
Dibromochloromethane	ND	136	63	**46**	Q	69	**46**	Q	70-130	9		30
1,1,2-Trichloroethane	ND	136	71	**52**	Q	75	**50**	Q	70-130	6		30
Tetrachloroethene	ND	136	35	**25**	Q	35	**24**	Q	70-130	2		30
Chlorobenzene	ND	136	37	**27**	Q	41	**27**	Q	70-130	10		30
Trichlorofluoromethane	ND	136	130	98		140	97		70-139	8		30
1,2-Dichloroethane	ND	136	80	**59**	Q	86	**58**	Q	70-130	6		30
1,1,1-Trichloroethane	ND	136	85	**62**	Q	87	**58**	Q	70-130	3		30
Bromodichloromethane	ND	136	72	**53**	Q	77	**52**	Q	70-130	8		30
trans-1,3-Dichloropropene	ND	136	36	**26**	Q	40	**27**	Q	70-130	12		30
cis-1,3-Dichloropropene	ND	136	28	**20**	Q	32	**21**	Q	70-130	14		30
1,1-Dichloropropene	ND	136	60	**44**	Q	59	**39**	Q	70-130	2		30
Bromoform	ND	136	55	**41**	Q	59	**40**	Q	70-130	6		30
1,1,2,2-Tetrachloroethane	ND	136	65	**48**	Q	67	**45**	Q	70-130	3		30
Benzene	ND	136	71	**52**	Q	74	**50**	Q	70-130	4		30
Toluene	ND	136	46	**34**	Q	49	**33**	Q	70-130	5		30
Ethylbenzene	ND	136	33	**24**	Q	36	**24**	Q	70-130	9		30
Chloromethane	ND	136	110	84		130	87		52-130	12		30
Bromomethane	ND	136	53	**39**	Q	60	**40**	Q	57-147	14		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,34,38 QC Batch ID: WG1937663-6 WG1937663-7 QC Sample: L2434058-02 Client ID: D11_0.2-2												
Vinyl chloride	ND	136	150	108		160	108		67-130	9		30
Chloroethane	ND	136	120	85		130	85		50-151	8		30
1,1-Dichloroethene	ND	136	96	70		100	68		65-135	6		30
trans-1,2-Dichloroethene	ND	136	68	**50**	Q	71	**48**	Q	70-130	5		30
Trichloroethene	ND	136	50	**37**	Q	52	**35**	Q	70-130	3		30
1,2-Dichlorobenzene	ND	136	25	**18**	Q	27	**18**	Q	70-130	8		30
1,3-Dichlorobenzene	ND	136	23	**17**	Q	25	**17**	Q	70-130	10		30
1,4-Dichlorobenzene	ND	136	22	**16**	Q	25	**17**	Q	70-130	10		30
Methyl tert butyl ether	ND	136	95	70		100	68		66-130	8		30
p/m-Xylene	ND	272	63	**23**	Q	70	**23**	Q	70-130	11		30
o-Xylene	ND	272	69	**25**	Q	77	**26**	Q	70-130	11		30
cis-1,2-Dichloroethene	ND	136	71	**52**	Q	76	**51**	Q	70-130	7		30
Dibromomethane	ND	136	81	**59**	Q	83	**56**	Q	70-130	4		30
Styrene	ND	272	47	**17**	Q	54	**18**	Q	70-130	14		30
Dichlorodifluoromethane	ND	136	140	102		150	103		30-146	10		30
Acetone	ND	136	120	90		120	83		54-140	1		30
Carbon disulfide	ND	136	59	**43**	Q	61	**41**	Q	59-130	4		30
2-Butanone	ND	136	74	**54**	Q	74	**50**	Q	70-130	0		30
Vinyl acetate	ND	136	ND	**0**	Q	ND	**0**	Q	70-130	NC		30
4-Methyl-2-pentanone	ND	136	26	**19**	Q	25	**17**	Q	70-130	3		30
1,2,3-Trichloropropane	ND	136	69	**51**	Q	71	**47**	Q	68-130	2		30
2-Hexanone	ND	136	5.4J	**4**	Q	4.6J	**3**	Q	70-130	17		30
Bromochloromethane	ND	136	83	**61**	Q	88	**59**	Q	70-130	7		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,34,38 QC Batch ID: WG1937663-6 WG1937663-7 QC Sample: L2434058-02 Client ID: D11_0.2-2												
2,2-Dichloropropane	ND	136	88	**65**	Q	92	**62**	Q	70-130	5		30
1,2-Dibromoethane	ND	136	59	**44**	Q	64	**43**	Q	70-130	7		30
1,3-Dichloropropane	ND	136	68	**50**	Q	73	**49**	Q	69-130	8		30
1,1,1,2-Tetrachloroethane	ND	136	52	**38**	Q	58	**39**	Q	70-130	10		30
Bromobenzene	ND	136	33	**24**	Q	36	**24**	Q	70-130	8		30
n-Butylbenzene	ND	136	13	**10**	Q	15	**10**	Q	70-130	16		30
sec-Butylbenzene	ND	136	18	**13**	Q	21	**14**	Q	70-130	12		30
tert-Butylbenzene	ND	136	22	**16**	Q	25	**17**	Q	70-130	12		30
o-Chlorotoluene	ND	136	26	**19**	Q	28	**19**	Q	70-130	10		30
p-Chlorotoluene	ND	136	23	**17**	Q	26	**17**	Q	70-130	12		30
1,2-Dibromo-3-chloropropane	ND	136	60	**44**	Q	59	**40**	Q	68-130	1		30
Hexachlorobutadiene	ND	136	10	**7**	Q	13	**9**	Q	67-130	23		30
Isopropylbenzene	ND	136	27	**20**	Q	29	**20**	Q	70-130	7		30
p-Isopropyltoluene	ND	136	17	**12**	Q	19	**13**	Q	70-130	14		30
Naphthalene	ND	136	21	**15**	Q	22	**15**	Q	70-130	6		30
Acrylonitrile	ND	136	26	**19**	Q	32	**21**	Q	70-130	21		30
n-Propylbenzene	ND	136	21	**16**	Q	24	**16**	Q	70-130	12		30
1,2,3-Trichlorobenzene	ND	136	16	**12**	Q	18	**12**	Q	70-130	11		30
1,2,4-Trichlorobenzene	ND	136	15	**11**	Q	17	**11**	Q	70-130	11		30
1,3,5-Trimethylbenzene	ND	136	23	**17**	Q	27	**18**	Q	70-130	13		30
1,2,4-Trimethylbenzene	ND	136	23	**17**	Q	26	**18**	Q	70-130	13		30
1,4-Dioxane	ND	6800	7300	108		6900	92		65-136	6		30
p-Diethylbenzene	ND	136	15	**11**	Q	18	**12**	Q	70-130	17		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,34,38 QC Batch ID: WG1937663-6 WG1937663-7 QC Sample: L2434058-02 Client ID: D11_0.2-2												
p-Ethyltoluene	ND	136	21	**15**	Q	24	**16**	Q	70-130	13		30
1,2,4,5-Tetramethylbenzene	ND	136	17	**13**	Q	20	**13**	Q	70-130	14		30
Ethyl ether	ND	136	96	70		100	68		67-130	7		30
trans-1,4-Dichloro-2-butene	ND	136	8.2	**6**	Q	10	**7**	Q	70-130	23		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		101		70-130
4-Bromofluorobenzene	99		96		70-130
Dibromofluoromethane	105		106		70-130
Toluene-d8	100		100		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-02
Client ID: D11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:05
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/23/24 15:05
Analyst: IM
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	41	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-02 Date Collected: 06/17/24 09:05

Client ID: D11_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	25	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	37	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	29	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	38	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-02 Date Collected: 06/17/24 09:05

Client ID: D11_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	31	9.4	1
Tentatively Identified Compounds						
Total TIC Compounds	2450	J	ug/kg			1
Unknown Alkane	203	J	ug/kg			1
Unknown	318	J	ug/kg			1
Unknown	297	J	ug/kg			1
Unknown	255	J	ug/kg			1
Unknown Organic Acid	168	J	ug/kg			1
Unknown Alcohol	166	J	ug/kg			1
Unknown	187	J	ug/kg			1
Unknown	670	J	ug/kg			1
Unknown Alkane	182	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	71		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-06
Client ID: D10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:50
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/23/24 16:14
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	40	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-06 Date Collected: 06/17/24 09:50

Client ID: D10_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	25	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	32	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-06 Date Collected: 06/17/24 09:50

Client ID: D10_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	9900	J	ug/kg			1
Unknown Ketone	205	J	ug/kg			1
Unknown Cycloalkane	585	J	ug/kg			1
Unknown	314	J	ug/kg			1
Unknown Naphthalene	294	J	ug/kg			1
Unknown	535	J	ug/kg			1
Unknown	951	J	ug/kg			1
Unknown	498	J	ug/kg			1
Unknown Phenol	483	J	ug/kg			1
Unknown	962	J	ug/kg			1
Unknown	277	J	ug/kg			1
Unknown	226	J	ug/kg			1
Unknown Sterol	667	J	ug/kg			1
Unknown	218	J	ug/kg			1
Unknown	485	J	ug/kg			1
Unknown	367	J	ug/kg			1
Unknown Phenol	1090	J	ug/kg			1
Unknown	200	J	ug/kg			1
Unknown	813	J	ug/kg			1
Unknown	250	J	ug/kg			1
Unknown	484	J	ug/kg			1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-06 Date Collected: 06/17/24 09:50

Client ID: D10_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	48		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	49		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-10
Client ID: D9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 10:45
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/23/24 16:38
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-10 Date Collected: 06/17/24 10:45

Client ID: D9_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	ND		ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-10 Date Collected: 06/17/24 10:45

Client ID: D9_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	519	J	ug/kg			1
Unknown	336	J	ug/kg			1
Unknown	183	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	75		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-14
Client ID: D8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 11:05
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/23/24 17:01
Analyst: IM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-14 Date Collected: 06/17/24 11:05

Client ID: D8_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-14 Date Collected: 06/17/24 11:05

Client ID: D8_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	63		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-18
Client ID: D7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:10
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/23/24 17:24
Analyst: IM
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	40.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	39.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	75.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-18 Date Collected: 06/17/24 12:10

Client ID: D7_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	29.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	73.	1
2-Nitrophenol	ND		ug/kg	480	83.	1
4-Nitrophenol	ND		ug/kg	310	90.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-18 Date Collected: 06/17/24 12:10

Client ID: D7_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	720	220	1
Benzyl Alcohol	ND		ug/kg	220	68.	1
Carbazole	ND		ug/kg	220	22.	1
1,4-Dioxane	ND		ug/kg	33	10.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	63		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-22
Client ID: D6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 12:35
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/23/24 17:46
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	23	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-22 Date Collected: 06/17/24 12:35

Client ID: D6_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	21	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-22 Date Collected: 06/17/24 12:35

Client ID: D6_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
Total TIC Compounds	326	J	ug/kg			1
Unknown Alkane	169	J	ug/kg			1
Unknown	157	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	64		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-26
Client ID: D5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 13:20
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/23/24 18:09
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-26 Date Collected: 06/17/24 13:20

Client ID: D5_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-26 Date Collected: 06/17/24 13:20

Client ID: D5_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	184	J	ug/kg			1
Unknown	184	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	60		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-30
Client ID: D4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 13:55
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/23/24 18:32
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-30 Date Collected: 06/17/24 13:55

Client ID: D4_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-30 Date Collected: 06/17/24 13:55

Client ID: D4_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
Total TIC Compounds	246	J	ug/kg			1
Unknown Amide	246	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	66		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-34
Client ID: D3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 14:15
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/23/24 18:55
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-34 Date Collected: 06/17/24 14:15

Client ID: D3_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-34 Date Collected: 06/17/24 14:15

Client ID: D3_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
Total TIC Compounds	203	J	ug/kg			1
Unknown	203	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	70		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-37
Client ID: FB_06172024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:30
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E
Analytical Date: 06/24/24 04:41
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 06/22/24 08:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-37 Date Collected: 06/17/24 09:30

Client ID: FB_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	7.50	J	ug/l			1
Unknown	7.50	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	48		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-37
Client ID: FB_06172024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:30
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 06/19/24 17:56
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 06/19/24 08:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	153	34.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	32		15-110

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-37
Client ID: FB_06172024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 09:30
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 06/25/24 11:53
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/24/24 16:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-37 Date Collected: 06/17/24 09:30

Client ID: FB_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	73		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-38
Client ID: DUP_06172024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:00
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/23/24 19:18
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	65	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-38 Date Collected: 06/17/24 12:00

Client ID: DUP_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	32	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1
Benzo(b)fluoranthene	50	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	42	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	29	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	31	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	58	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-38 Date Collected: 06/17/24 12:00

Client ID: DUP_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
Total TIC Compounds	8550	J	ug/kg			1
Unknown	557	J	ug/kg			1
Unknown	472	J	ug/kg			1
Unknown	655	J	ug/kg			1
Unknown	933	J	ug/kg			1
Unknown Phenol	561	J	ug/kg			1
Unknown	231	J	ug/kg			1
Unknown	209	J	ug/kg			1
Unknown Cycloalkane	513	J	ug/kg			1
Unknown Sterol	380	J	ug/kg			1
Unknown	212	J	ug/kg			1
Unknown	291	J	ug/kg			1
Unknown	388	J	ug/kg			1
Unknown Phenol	226	J	ug/kg			1
Unknown	285	J	ug/kg			1
Unknown Alkane	227	J	ug/kg			1
Unknown Organic Acid	342	J	ug/kg			1
Unknown	318	J	ug/kg			1
Unknown	508	J	ug/kg			1
Unknown	987	J	ug/kg			1
Unknown	257	J	ug/kg			1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-38 Date Collected: 06/17/24 12:00

Client ID: DUP_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	65		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/19/24 12:19
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 06/19/24 08:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 37 Batch: WG1936284-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	40		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/23/24 11:16
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,34,38 Batch: WG1937841-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/23/24 11:16
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,34,38 Batch: WG1937841-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/23/24 11:16
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,34,38 Batch: WG1937841-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	86		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/23/24 10:40
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/22/24 08:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 37 Batch: WG1937904-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/23/24 10:40
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/22/24 08:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 37 Batch: WG1937904-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/23/24 10:40
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/22/24 08:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 37 Batch: WG1937904-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**20**	Q	21-120
Phenol-d6	15		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	48		15-120
2,4,6-Tribromophenol	26		10-120
4-Terphenyl-d14	44		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/24/24 16:43
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/24/24 07:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 37 Batch: WG1938344-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/24/24 16:43
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/24/24 07:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 37 Batch: WG1938344-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	45		10-120
4-Terphenyl-d14	68		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 37 Batch: WG1936284-2 WG1936284-3								
1,4-Dioxane	128		131		40-140	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	34		35		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,34,38 Batch: WG1937841-2 WG1937841-3								
Acenaphthene	73		85		31-137	15		50
1,2,4-Trichlorobenzene	72		85		38-107	17		50
Hexachlorobenzene	75		90		40-140	18		50
Bis(2-chloroethyl)ether	80		94		40-140	16		50
2-Chloronaphthalene	71		82		40-140	14		50
1,2-Dichlorobenzene	73		84		40-140	14		50
1,3-Dichlorobenzene	70		82		40-140	16		50
1,4-Dichlorobenzene	71		83		28-104	16		50
3,3'-Dichlorobenzidine	64		86		40-140	29		50
2,4-Dinitrotoluene	83		100		40-132	19		50
2,6-Dinitrotoluene	78		93		40-140	18		50
Fluoranthene	76		92		40-140	19		50
4-Chlorophenyl phenyl ether	72		86		40-140	18		50
4-Bromophenyl phenyl ether	76		92		40-140	19		50
Bis(2-chloroisopropyl)ether	54		65		40-140	18		50
Bis(2-chloroethoxy)methane	81		95		40-117	16		50
Hexachlorobutadiene	76		88		40-140	15		50
Hexachlorocyclopentadiene	65		75		40-140	14		50
Hexachloroethane	81		93		40-140	14		50
Isophorone	81		94		40-140	15		50
Naphthalene	71		82		40-140	14		50
Nitrobenzene	82		97		40-140	17		50
NDPA/DPA	72		87		36-157	19		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,34,38 Batch: WG1937841-2 WG1937841-3								
n-Nitrosodi-n-propylamine	80		96		32-121	18		50
Bis(2-ethylhexyl)phthalate	76		90		40-140	17		50
Butyl benzyl phthalate	85		104		40-140	20		50
Di-n-butylphthalate	82		97		40-140	17		50
Di-n-octylphthalate	91		110		40-140	19		50
Diethyl phthalate	77		90		40-140	16		50
Dimethyl phthalate	71		86		40-140	19		50
Benzo(a)anthracene	78		91		40-140	15		50
Benzo(a)pyrene	81		96		40-140	17		50
Benzo(b)fluoranthene	82		98		40-140	18		50
Benzo(k)fluoranthene	72		89		40-140	21		50
Chrysene	78		90		40-140	14		50
Acenaphthylene	68		80		40-140	16		50
Anthracene	78		90		40-140	14		50
Benzo(ghi)perylene	80		93		40-140	15		50
Fluorene	72		85		40-140	17		50
Phenanthrene	73		86		40-140	16		50
Dibenzo(a,h)anthracene	78		91		40-140	15		50
Indeno(1,2,3-cd)pyrene	82		96		40-140	16		50
Pyrene	77		92		35-142	18		50
Biphenyl	61		70		37-127	14		50
4-Chloroaniline	77		94		40-140	20		50
2-Nitroaniline	85		101		47-134	17		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,34,38 Batch: WG1937841-2 WG1937841-3								
3-Nitroaniline	68		92		26-129	30		50
4-Nitroaniline	75		95		41-125	24		50
Dibenzofuran	72		84		40-140	15		50
2-Methylnaphthalene	73		83		40-140	13		50
1,2,4,5-Tetrachlorobenzene	66		76		40-117	14		50
Acetophenone	72		85		14-144	17		50
2,4,6-Trichlorophenol	78		94		30-130	19		50
p-Chloro-m-cresol	86		100		26-103	15		50
2-Chlorophenol	80		98		25-102	20		50
2,4-Dichlorophenol	80		94		30-130	16		50
2,4-Dimethylphenol	92		112		30-130	20		50
2-Nitrophenol	91		112		30-130	21		50
4-Nitrophenol	89		114		11-114	25		50
2,4-Dinitrophenol	80		100		4-130	22		50
4,6-Dinitro-o-cresol	85		105		10-130	21		50
Pentachlorophenol	65		82		17-109	23		50
Phenol	80		**95**	Q	26-90	17		50
2-Methylphenol	84		102		30-130.	19		50
3-Methylphenol/4-Methylphenol	88		107		30-130	19		50
2,4,5-Trichlorophenol	78		92		30-130	16		50
Benzoic Acid	66		80		10-110	19		50
Benzyl Alcohol	86		103		40-140	18		50
Carbazole	75		89		54-128	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,34,38 Batch: WG1937841-2 WG1937841-3								
1,4-Dioxane	60		75		40-140	22		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	85		102		25-120
Phenol-d6	80		96		10-120
Nitrobenzene-d5	80		95		23-120
2-Fluorobiphenyl	66		77		30-120
2,4,6-Tribromophenol	82		100		10-136
4-Terphenyl-d14	72		86		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 37 Batch: WG1937904-2 WG1937904-3								
Acenaphthene	64		50		37-111	25		30
1,2,4-Trichlorobenzene	54		48		39-98	12		30
Hexachlorobenzene	56		43		40-140	26		30
Bis(2-chloroethyl)ether	66		52		40-140	24		30
2-Chloronaphthalene	60		50		40-140	18		30
1,2-Dichlorobenzene	55		48		40-140	14		30
1,3-Dichlorobenzene	55		48		40-140	14		30
1,4-Dichlorobenzene	55		48		36-97	14		30
3,3'-Dichlorobenzidine	59		56		40-140	5		30
2,4-Dinitrotoluene	69		55		48-143	23		30
2,6-Dinitrotoluene	63		50		40-140	23		30
Fluoranthene	61		49		40-140	22		30
4-Chlorophenyl phenyl ether	63		48		40-140	27		30
4-Bromophenyl phenyl ether	59		45		40-140	27		30
Bis(2-chloroisopropyl)ether	66		54		40-140	20		30
Bis(2-chloroethoxy)methane	67		52		40-140	25		30
Hexachlorobutadiene	53		47		40-140	12		30
Hexachlorocyclopentadiene	**36**	Q	**35**	Q	40-140	3		30
Hexachloroethane	55		45		40-140	20		30
Isophorone	60		48		40-140	22		30
Naphthalene	59		50		40-140	17		30
Nitrobenzene	67		54		40-140	21		30
NDPA/DPA	62		49		40-140	23		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 37 Batch: WG1937904-2 WG1937904-3								
n-Nitrosodi-n-propylamine	66		55		29-132	18		30
Bis(2-ethylhexyl)phthalate	58		57		40-140	2		30
Butyl benzyl phthalate	61		61		40-140	0		30
Di-n-butylphthalate	56		50		40-140	11		30
Di-n-octylphthalate	61		66		40-140	8		30
Diethyl phthalate	63		57		40-140	10		30
Dimethyl phthalate	61		50		40-140	20		30
Benzo(a)anthracene	65		52		40-140	22		30
Benzo(a)pyrene	62		55		40-140	12		30
Benzo(b)fluoranthene	65		52		40-140	22		30
Benzo(k)fluoranthene	62		57		40-140	8		30
Chrysene	68		50		40-140	**31**	Q	30
Acenaphthylene	60		49		45-123	20		30
Anthracene	64		49		40-140	27		30
Benzo(ghi)perylene	67		49		40-140	**31**	Q	30
Fluorene	63		50		40-140	23		30
Phenanthrene	66		50		40-140	28		30
Dibenzo(a,h)anthracene	67		51		40-140	27		30
Indeno(1,2,3-cd)pyrene	66		51		40-140	26		30
Pyrene	59		49		26-127	19		30
Biphenyl	58		49		40-140	17		30
4-Chloroaniline	53		46		40-140	14		30
2-Nitroaniline	63		52		52-143	19		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 37 Batch: WG1937904-2 WG1937904-3								
3-Nitroaniline	67		64		25-145	5		30
4-Nitroaniline	61		55		51-143	10		30
Dibenzofuran	64		48		40-140	29		30
2-Methylnaphthalene	58		51		40-140	13		30
1,2,4,5-Tetrachlorobenzene	55		49		2-134	12		30
Acetophenone	63		50		39-129	23		30
2,4,6-Trichlorophenol	63		**24**	Q	30-130	**90**	Q	30
p-Chloro-m-cresol	61		43		23-97	**35**	Q	30
2-Chlorophenol	60		32		27-123	**61**	Q	30
2,4-Dichlorophenol	63		30		30-130	**71**	Q	30
2,4-Dimethylphenol	57		49		30-130	15		30
2-Nitrophenol	64		**28**	Q	30-130	**78**	Q	30
4-Nitrophenol	44		31		10-80	**35**	Q	30
2,4-Dinitrophenol	79		57		20-130	**32**	Q	30
4,6-Dinitro-o-cresol	72		44		20-164	**48**	Q	30
Pentachlorophenol	50		18		9-103	**94**	Q	30
Phenol	32		20		12-110	**46**	Q	30
2-Methylphenol	56		45		30-130	22		30
3-Methylphenol/4-Methylphenol	57		44		30-130	26		30
2,4,5-Trichlorophenol	62		**26**	Q	30-130	**82**	Q	30
Benzoic Acid	**0**	Q	**0**	Q	10-164	NC		30
Benzyl Alcohol	56		66		26-116	16		30
Carbazole	62		**49**	Q	55-144	23		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 37 Batch: WG1937904-2 WG1937904-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	43		22		21-120
Phenol-d6	28		19		10-120
Nitrobenzene-d5	65		55		23-120
2-Fluorobiphenyl	55		47		15-120
2,4,6-Tribromophenol	56		21		10-120
4-Terphenyl-d14	52		46		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 37 Batch: WG1938344-2 WG1938344-3								
Acenaphthene	66		70		40-140	6		40
2-Chloronaphthalene	58		64		40-140	10		40
Fluoranthene	68		70		40-140	3		40
Hexachlorobutadiene	47		55		40-140	16		40
Naphthalene	56		62		40-140	10		40
Benzo(a)anthracene	67		71		40-140	6		40
Benzo(a)pyrene	75		81		40-140	8		40
Benzo(b)fluoranthene	74		76		40-140	3		40
Benzo(k)fluoranthene	67		74		40-140	10		40
Chrysene	70		74		40-140	6		40
Acenaphthylene	64		69		40-140	8		40
Anthracene	70		74		40-140	6		40
Benzo(ghi)perylene	73		84		40-140	14		40
Fluorene	66		68		40-140	3		40
Phenanthrene	65		68		40-140	5		40
Dibenzo(a,h)anthracene	77		87		40-140	12		40
Indeno(1,2,3-cd)pyrene	80		93		40-140	15		40
Pyrene	67		68		40-140	1		40
2-Methylnaphthalene	63		71		40-140	12		40
Pentachlorophenol	65		67		40-140	3		40
Hexachlorobenzene	59		62		40-140	5		40
Hexachloroethane	55		59		40-140	7		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 37 Batch: WG1938344-2 WG1938344-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		56		21-120
Phenol-d6	41		47		10-120
Nitrobenzene-d5	79		85		23-120
2-Fluorobiphenyl	56		63		15-120
2,4,6-Tribromophenol	72		72		10-120
4-Terphenyl-d14	60		63		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,34,38 QC Batch ID: WG1937841-4 WG1937841-5 QC Sample: L2434058-02 Client ID: D11_0.2-2												
Acenaphthene	ND	1620	1300	80		1400	86		31-137	7		50
1,2,4-Trichlorobenzene	ND	1620	1300	80		1400	86		38-107	7		50
Hexachlorobenzene	ND	1620	1300	80		1500	92		40-140	14		50
Bis(2-chloroethyl)ether	ND	1620	1400	86		1600	98		40-140	13		50
2-Chloronaphthalene	ND	1620	1300	80		1400	86		40-140	7		50
1,2-Dichlorobenzene	ND	1620	1200	74		1400	86		40-140	15		50
1,3-Dichlorobenzene	ND	1620	1200	74		1400	86		40-140	15		50
1,4-Dichlorobenzene	ND	1620	1200	74		1400	86		28-104	15		50
3,3'-Dichlorobenzidine	ND	1620	710	44		880	54		40-140	21		50
2,4-Dinitrotoluene	ND	1620	1300	80		1500	92		40-132	14		50
2,6-Dinitrotoluene	ND	1620	1300	80		1400	86		40-140	7		50
Fluoranthene	41J	1620	1300	80		1500	92		40-140	14		50
4-Chlorophenyl phenyl ether	ND	1620	1200	74		1400	86		40-140	15		50
4-Bromophenyl phenyl ether	ND	1620	1300	80		1500	92		40-140	14		50
Bis(2-chloroisopropyl)ether	ND	1620	940	58		1100	67		40-140	16		50
Bis(2-chloroethoxy)methane	ND	1620	1400	86		1600	98		40-117	13		50
Hexachlorobutadiene	ND	1620	1300	80		1500	92		40-140	14		50
Hexachlorocyclopentadiene	ND	1620	270J	**17**	Q	440J	**27**	Q	40-140	48		50
Hexachloroethane	ND	1620	1200	74		1400	86		40-140	15		50
Isophorone	ND	1620	1400	86		1600	98		40-140	13		50
Naphthalene	ND	1620	1200	74		1400	86		40-140	15		50
Nitrobenzene	ND	1620	1500	92		1600	98		40-140	6		50
NDPA/DPA	ND	1620	1200	74		1400	86		36-157	15		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,34,38 QC Batch ID: WG1937841-4 WG1937841-5 QC Sample: L2434058-02 Client ID: D11_0.2-2												
n-Nitrosodi-n-propylamine	ND	1620	1400	86		1600	98		32-121	13		50
Bis(2-ethylhexyl)phthalate	ND	1620	1300	80		1500	92		40-140	14		50
Butyl benzyl phthalate	ND	1620	1400	86		1600	98		40-140	13		50
Di-n-butylphthalate	ND	1620	1400	86		1600	98		40-140	13		50
Di-n-octylphthalate	ND	1620	1500	92		1800	110		40-140	18		50
Diethyl phthalate	ND	1620	1300	80		1400	86		40-140	7		50
Dimethyl phthalate	ND	1620	1200	74		1300	79		40-140	8		50
Benzo(a)anthracene	25J	1620	1300	80		1500	92		40-140	14		50
Benzo(a)pyrene	ND	1620	1200	74		1400	86		40-140	15		50
Benzo(b)fluoranthene	37J	1620	1200	74		1600	98		40-140	29		50
Benzo(k)fluoranthene	ND	1620	1200	74		1300	79		40-140	8		50
Chrysene	29J	1620	1300	80		1500	92		40-140	14		50
Acenaphthylene	ND	1620	1200	74		1300	79		40-140	8		50
Anthracene	ND	1620	1300	80		1400	86		40-140	7		50
Benzo(ghi)perylene	ND	1620	1200	74		1400	86		40-140	15		50
Fluorene	ND	1620	1200	74		1400	86		40-140	15		50
Phenanthrene	ND	1620	1200	74		1400	86		40-140	15		50
Dibenzo(a,h)anthracene	ND	1620	1200	74		1400	86		40-140	15		50
Indeno(1,2,3-cd)pyrene	ND	1620	1300	80		1400	86		40-140	7		50
Pyrene	38J	1620	1300	80		1500	92		35-142	14		50
Biphenyl	ND	1620	1000	62		1200	73		37-127	18		50
4-Chloroaniline	ND	1620	980	60		1000	61		40-140	2		50
2-Nitroaniline	ND	1620	1500	92		1600	98		47-134	6		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,34,38 QC Batch ID: WG1937841-4 WG1937841-5 QC Sample: L2434058-02 Client ID: D11_0.2-2												
3-Nitroaniline	ND	1620	1200	74		1400	86		26-129	15		50
4-Nitroaniline	ND	1620	1300	80		1400	86		41-125	7		50
Dibenzofuran	ND	1620	1200	74		1400	86		40-140	15		50
2-Methylnaphthalene	ND	1620	1200	74		1400	86		40-140	15		50
1,2,4,5-Tetrachlorobenzene	ND	1620	1200	74		1300	79		40-117	8		50
Acetophenone	ND	1620	1200	74		1400	86		14-144	15		50
2,4,6-Trichlorophenol	ND	1620	1400	86		1500	92		30-130	7		50
p-Chloro-m-cresol	ND	1620	1400	86		1600	98		26-103	13		50
2-Chlorophenol	ND	1620	1400	86		1600	98		25-102	13		50
2,4-Dichlorophenol	ND	1620	1400	86		1500	92		30-130	7		50
2,4-Dimethylphenol	ND	1620	1400	86		1500	92		30-130	7		50
2-Nitrophenol	ND	1620	1500	92		1700	100		30-130	13		50
4-Nitrophenol	ND	1620	1500	92		1700	100		11-114	13		50
2,4-Dinitrophenol	ND	1620	260J	16		490J	30		4-130	**61**	Q	50
4,6-Dinitro-o-cresol	ND	1620	280J	17		510J	31		10-130	**58**	Q	50
Pentachlorophenol	ND	1620	1400	86		1500	92		17-109	7		50
Phenol	ND	1620	1300	80		1500	**92**	Q	26-90	14		50
2-Methylphenol	ND	1620	1300	80		1500	92		30-130.	14		50
3-Methylphenol/4-Methylphenol	ND	1620	1400	86		1500	92		30-130	7		50
2,4,5-Trichlorophenol	ND	1620	1400	86		1500	92		30-130	7		50
Benzoic Acid	ND	1620	1400	86		1500	92		10-110	7		50
Benzyl Alcohol	ND	1620	1400	86		1600	98		40-140	13		50
Carbazole	ND	1620	1200	74		1400	86		54-128	15		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,34,38 QC Batch ID: WG1937841-4 WG1937841-5 QC Sample: L2434058-02 Client ID: D11_0.2-2												
1,4-Dioxane	ND	1620	890	55		1100	67		40-140	21		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	90		103		10-136
2-Fluorobiphenyl	70		80		30-120
2-Fluorophenol	83		97		25-120
4-Terphenyl-d14	71		83		18-120
Nitrobenzene-d5	84		95		23-120
Phenol-d6	80		90		10-120

PCBS

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-02
Client ID: D11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:05
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/23/24 10:43
Analyst: EMR
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 03:59
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.2	5.26	1	A
Aroclor 1221	ND		ug/kg	59.2	5.93	1	A
Aroclor 1232	ND		ug/kg	59.2	12.5	1	A
Aroclor 1242	ND		ug/kg	59.2	7.98	1	A
Aroclor 1248	ND		ug/kg	59.2	8.88	1	A
Aroclor 1254	ND		ug/kg	59.2	6.48	1	A
Aroclor 1260	ND		ug/kg	59.2	10.9	1	A
Aroclor 1262	ND		ug/kg	59.2	7.52	1	A
Aroclor 1268	ND		ug/kg	59.2	6.13	1	A
PCBs, Total	ND		ug/kg	59.2	5.26	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-06
Client ID: D10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:50
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/23/24 11:56
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 03:59
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.8	5.04	1	A
Aroclor 1221	ND		ug/kg	56.8	5.69	1	A
Aroclor 1232	ND		ug/kg	56.8	12.0	1	A
Aroclor 1242	ND		ug/kg	56.8	7.66	1	A
Aroclor 1248	ND		ug/kg	56.8	8.52	1	A
Aroclor 1254	ND		ug/kg	56.8	6.21	1	A
Aroclor 1260	ND		ug/kg	56.8	10.5	1	A
Aroclor 1262	ND		ug/kg	56.8	7.21	1	A
Aroclor 1268	ND		ug/kg	56.8	5.88	1	A
PCBs, Total	ND		ug/kg	56.8	5.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-10
Client ID: D9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 10:45
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/23/24 12:04
Analyst: EMR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 03:59
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.6	4.67	1	A
Aroclor 1221	ND		ug/kg	52.6	5.27	1	A
Aroclor 1232	ND		ug/kg	52.6	11.2	1	A
Aroclor 1242	ND		ug/kg	52.6	7.10	1	A
Aroclor 1248	ND		ug/kg	52.6	7.90	1	A
Aroclor 1254	ND		ug/kg	52.6	5.76	1	A
Aroclor 1260	ND		ug/kg	52.6	9.73	1	A
Aroclor 1262	ND		ug/kg	52.6	6.68	1	A
Aroclor 1268	ND		ug/kg	52.6	5.45	1	A
PCBs, Total	ND		ug/kg	52.6	4.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-14
Client ID: D8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 11:05
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/23/24 12:12
Analyst: EMR
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 03:59
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.0	5.42	1	A
Aroclor 1221	ND		ug/kg	61.0	6.11	1	A
Aroclor 1232	ND		ug/kg	61.0	12.9	1	A
Aroclor 1242	ND		ug/kg	61.0	8.22	1	A
Aroclor 1248	ND		ug/kg	61.0	9.15	1	A
Aroclor 1254	ND		ug/kg	61.0	6.67	1	A
Aroclor 1260	ND		ug/kg	61.0	11.3	1	A
Aroclor 1262	ND		ug/kg	61.0	7.74	1	A
Aroclor 1268	ND		ug/kg	61.0	6.32	1	A
PCBs, Total	ND		ug/kg	61.0	5.42	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	32		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	34		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-18
Client ID: D7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:10
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/23/24 12:20
Analyst: EMR
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 04:08
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	62.2	5.52	1	A
Aroclor 1221	ND		ug/kg	62.2	6.23	1	A
Aroclor 1232	ND		ug/kg	62.2	13.2	1	A
Aroclor 1242	ND		ug/kg	62.2	8.38	1	A
Aroclor 1248	ND		ug/kg	62.2	9.33	1	A
Aroclor 1254	ND		ug/kg	62.2	6.80	1	A
Aroclor 1260	ND		ug/kg	62.2	11.5	1	A
Aroclor 1262	ND		ug/kg	62.2	7.90	1	A
Aroclor 1268	ND		ug/kg	62.2	6.44	1	A
PCBs, Total	ND		ug/kg	62.2	5.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-22
Client ID: D6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:35
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/23/24 12:28
Analyst: EMR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 04:08
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.0	4.88	1	A
Aroclor 1221	ND		ug/kg	55.0	5.51	1	A
Aroclor 1232	ND		ug/kg	55.0	11.6	1	A
Aroclor 1242	ND		ug/kg	55.0	7.41	1	A
Aroclor 1248	ND		ug/kg	55.0	8.24	1	A
Aroclor 1254	ND		ug/kg	55.0	6.01	1	A
Aroclor 1260	ND		ug/kg	55.0	10.2	1	A
Aroclor 1262	ND		ug/kg	55.0	6.98	1	A
Aroclor 1268	ND		ug/kg	55.0	5.69	1	A
PCBs, Total	ND		ug/kg	55.0	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-26
Client ID: D5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 13:20
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/23/24 12:36
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 04:08
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.0	4.97	1	A
Aroclor 1221	ND		ug/kg	56.0	5.61	1	A
Aroclor 1232	ND		ug/kg	56.0	11.9	1	A
Aroclor 1242	ND		ug/kg	56.0	7.54	1	A
Aroclor 1248	ND		ug/kg	56.0	8.39	1	A
Aroclor 1254	ND		ug/kg	56.0	6.12	1	A
Aroclor 1260	ND		ug/kg	56.0	10.3	1	A
Aroclor 1262	ND		ug/kg	56.0	7.11	1	A
Aroclor 1268	ND		ug/kg	56.0	5.80	1	A
PCBs, Total	ND		ug/kg	56.0	4.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-30
Client ID: D4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 13:55
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/23/24 12:44
Analyst: EMR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 04:08
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.7	4.59	1	A
Aroclor 1221	ND		ug/kg	51.7	5.18	1	A
Aroclor 1232	ND		ug/kg	51.7	11.0	1	A
Aroclor 1242	ND		ug/kg	51.7	6.97	1	A
Aroclor 1248	ND		ug/kg	51.7	7.75	1	A
Aroclor 1254	ND		ug/kg	51.7	5.66	1	A
Aroclor 1260	ND		ug/kg	51.7	9.55	1	A
Aroclor 1262	ND		ug/kg	51.7	6.56	1	A
Aroclor 1268	ND		ug/kg	51.7	5.36	1	A
PCBs, Total	ND		ug/kg	51.7	4.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-34
Client ID: D3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 14:15
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/23/24 12:52
Analyst: EMR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 04:08
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.4	4.65	1	A
Aroclor 1221	ND		ug/kg	52.4	5.25	1	A
Aroclor 1232	ND		ug/kg	52.4	11.1	1	A
Aroclor 1242	ND		ug/kg	52.4	7.06	1	A
Aroclor 1248	ND		ug/kg	52.4	7.86	1	A
Aroclor 1254	ND		ug/kg	52.4	5.73	1	A
Aroclor 1260	ND		ug/kg	52.4	9.68	1	A
Aroclor 1262	ND		ug/kg	52.4	6.65	1	A
Aroclor 1268	ND		ug/kg	52.4	5.43	1	A
PCBs, Total	ND		ug/kg	52.4	4.65	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-37
Client ID: FB_06172024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:30
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8082A
Analytical Date: 06/23/24 10:51
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 06/22/24 08:15
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**161**	Q	30-150	A
Decachlorobiphenyl	148		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**163**	Q	30-150	B
Decachlorobiphenyl	**209**	Q	30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-38
Client ID: DUP_06172024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:00
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/23/24 13:00
Analyst: EMR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 04:08
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.5	4.75	1	A
Aroclor 1221	ND		ug/kg	53.5	5.36	1	A
Aroclor 1232	ND		ug/kg	53.5	11.3	1	A
Aroclor 1242	ND		ug/kg	53.5	7.21	1	A
Aroclor 1248	ND		ug/kg	53.5	8.03	1	A
Aroclor 1254	ND		ug/kg	53.5	5.85	1	A
Aroclor 1260	ND		ug/kg	53.5	9.89	1	A
Aroclor 1262	ND		ug/kg	53.5	6.80	1	A
Aroclor 1268	ND		ug/kg	53.5	5.54	1	A
PCBs, Total	ND		ug/kg	53.5	4.75	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/22/24 12:24
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 06/22/24 03:01
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 37 Batch: WG1937833-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/23/24 10:03
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 06/22/24 03:59
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,34,38 Batch: WG1937835-1						
Aroclor 1016	ND		ug/kg	47.8	4.24	A
Aroclor 1221	ND		ug/kg	47.8	4.79	A
Aroclor 1232	ND		ug/kg	47.8	10.1	A
Aroclor 1242	ND		ug/kg	47.8	6.44	A
Aroclor 1248	ND		ug/kg	47.8	7.17	A
Aroclor 1254	ND		ug/kg	47.8	5.23	A
Aroclor 1260	ND		ug/kg	47.8	8.83	A
Aroclor 1262	ND		ug/kg	47.8	6.07	A
Aroclor 1268	ND		ug/kg	47.8	4.95	A
PCBs, Total	ND		ug/kg	47.8	4.24	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	83		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 37 Batch: WG1937833-2 WG1937833-3									
Aroclor 1016	82		81		40-140	2		50	A
Aroclor 1260	84		78		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		77		30-150	A
Decachlorobiphenyl	89		92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		79		30-150	B
Decachlorobiphenyl	116		127		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,34,38 Batch: WG1937835-2 WG1937835-3									
Aroclor 1016	88		88		40-140	0		50	A
Aroclor 1260	80		78		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		78		30-150	A
Decachlorobiphenyl	77		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		84		30-150	B
Decachlorobiphenyl	84		86		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,34,38 QC Batch ID: WG1937835-4 WG1937835-5 QC Sample: L2434058-02 Client ID: D11_0.2-2													
Aroclor 1016	ND	378	256	68		219	59		40-140	16		50	A
Aroclor 1260	ND	378	234	62		226	61		40-140	3		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		51		30-150	A
Decachlorobiphenyl	54		56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		54		30-150	B
Decachlorobiphenyl	62		58		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-01
Client ID: D11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:00
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 08:38
Analyst: EMR
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.08	0.407	1	A
Lindane	ND		ug/kg	0.866	0.387	1	A
Alpha-BHC	ND		ug/kg	0.866	0.246	1	A
Beta-BHC	ND		ug/kg	2.08	0.788	1	A
Heptachlor	ND		ug/kg	1.04	0.466	1	A
Aldrin	ND		ug/kg	2.08	0.732	1	A
Heptachlor epoxide	190		ug/kg	3.90	1.17	1	B
Endrin	ND		ug/kg	0.866	0.355	1	A
Endrin aldehyde	ND		ug/kg	2.60	0.909	1	A
Endrin ketone	ND		ug/kg	2.08	0.535	1	A
Dieldrin	125		ug/kg	1.30	0.649	1	B
4,4'-DDD	ND		ug/kg	2.08	0.741	1	A
4,4'-DDT	203		ug/kg	2.08	1.67	1	A
Endosulfan I	ND		ug/kg	2.08	0.491	1	A
Endosulfan II	ND		ug/kg	2.08	0.694	1	A
Endosulfan sulfate	ND		ug/kg	0.866	0.412	1	A
Methoxychlor	ND		ug/kg	3.90	1.21	1	A
Toxaphene	ND		ug/kg	39.0	10.9	1	A
cis-Chlordane	86.2	IP	ug/kg	2.60	0.724	1	B
trans-Chlordane	54.6	IP	ug/kg	2.60	0.686	1	A
Chlordane	566		ug/kg	17.3	6.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-01
Client ID: D11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 09:00
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 12:29
Analyst: EJL
Percent Solids: 75%
Methylation Date: 06/23/24 05:18

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	220	13.9	1	A
2,4,5-T	ND		ug/kg	220	6.83	1	A
2,4,5-TP (Silvex)	ND		ug/kg	220	5.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-01 D
Client ID: D11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:00
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 13:52
Analyst: EMR
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	604		ug/kg	20.8	4.80	10	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-02
Client ID: D11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:05
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 08:49
Analyst: EMR
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.95	0.382	1	A
Lindane	ND		ug/kg	0.814	0.364	1	A
Alpha-BHC	ND		ug/kg	0.814	0.231	1	A
Beta-BHC	ND		ug/kg	1.95	0.741	1	A
Heptachlor	ND		ug/kg	0.977	0.438	1	A
Aldrin	ND		ug/kg	1.95	0.688	1	A
Heptachlor epoxide	133		ug/kg	3.66	1.10	1	B
Endrin	ND		ug/kg	0.814	0.334	1	A
Endrin aldehyde	ND		ug/kg	2.44	0.855	1	A
Endrin ketone	ND		ug/kg	1.95	0.503	1	A
Dieldrin	125		ug/kg	1.22	0.610	1	B
4,4'-DDE	181		ug/kg	1.95	0.452	1	B
4,4'-DDD	ND		ug/kg	1.95	0.697	1	A
4,4'-DDT	52.0		ug/kg	1.95	1.57	1	A
Endosulfan I	ND		ug/kg	1.95	0.462	1	A
Endosulfan II	ND		ug/kg	1.95	0.653	1	A
Endosulfan sulfate	ND		ug/kg	0.814	0.387	1	A
Methoxychlor	ND		ug/kg	3.66	1.14	1	A
Toxaphene	ND		ug/kg	36.6	10.2	1	A
cis-Chlordane	72.0	IP	ug/kg	2.44	0.680	1	B
trans-Chlordane	57.3		ug/kg	2.44	0.645	1	B
Chlordane	ND		ug/kg	16.3	6.47	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-02 Date Collected: 06/17/24 09:05

Client ID: D11_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-02
Client ID: D11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:05
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 12:48
Analyst: EJL
Percent Solids: 80%
Methylation Date: 06/23/24 05:18

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	207	13.0	1	A
2,4,5-T	ND		ug/kg	207	6.41	1	A
2,4,5-TP (Silvex)	ND		ug/kg	207	5.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	97		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-05
Client ID: D10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:45
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 09:23
Analyst: EMR
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.98	0.389	1	A
Lindane	ND		ug/kg	0.827	0.370	1	A
Alpha-BHC	ND		ug/kg	0.827	0.235	1	A
Beta-BHC	ND		ug/kg	1.98	0.753	1	A
Heptachlor	ND		ug/kg	0.993	0.445	1	A
Aldrin	ND		ug/kg	1.98	0.699	1	A
Heptachlor epoxide	1.83	J	ug/kg	3.72	1.12	1	A
Endrin	ND		ug/kg	0.827	0.339	1	A
Endrin aldehyde	ND		ug/kg	2.48	0.869	1	A
Endrin ketone	ND		ug/kg	1.98	0.511	1	A
Dieldrin	2.47		ug/kg	1.24	0.621	1	A
4,4'-DDE	89.3		ug/kg	1.98	0.459	1	A
4,4'-DDD	ND		ug/kg	1.98	0.708	1	A
4,4'-DDT	40.0		ug/kg	1.98	1.60	1	B
Endosulfan I	ND		ug/kg	1.98	0.469	1	A
Endosulfan II	ND		ug/kg	1.98	0.664	1	A
Endosulfan sulfate	ND		ug/kg	0.827	0.394	1	A
Methoxychlor	ND		ug/kg	3.72	1.16	1	A
Toxaphene	ND		ug/kg	37.2	10.4	1	A
cis-Chlordane	6.70	IP	ug/kg	2.48	0.692	1	B
trans-Chlordane	4.88		ug/kg	2.48	0.655	1	A
Chlordane	ND		ug/kg	16.5	6.58	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-05 Date Collected: 06/17/24 09:45

Client ID: D10_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-05
Client ID: D10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:45
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 13:43
Analyst: EJL
Percent Solids: 79%
Methylation Date: 06/23/24 05:18

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	207	13.0	1	A
2,4,5-T	ND		ug/kg	207	6.41	1	A
2,4,5-TP (Silvex)	ND		ug/kg	207	5.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	107		30-150	A
DCAA	91		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-06
Client ID: D10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:50
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 09:34
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.740	0.331	1	A
Alpha-BHC	ND		ug/kg	0.740	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	ND		ug/kg	0.889	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.626	1	A
Heptachlor epoxide	ND		ug/kg	3.33	1.00	1	A
Endrin	ND		ug/kg	0.740	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.778	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	1.20		ug/kg	1.11	0.555	1	A
4,4'-DDE	74.2		ug/kg	1.78	0.411	1	B
4,4'-DDD	ND		ug/kg	1.78	0.634	1	A
4,4'-DDT	27.4		ug/kg	1.78	1.43	1	B
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.740	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.33	1	A
cis-Chlordane	3.56	IP	ug/kg	2.22	0.619	1	B
trans-Chlordane	1.21	JIP	ug/kg	2.22	0.586	1	B
Chlordane	ND		ug/kg	14.8	5.89	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-06 Date Collected: 06/17/24 09:50

Client ID: D10_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-06
Client ID: D10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 09:50
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 14:02
Analyst: EJL
Percent Solids: 86%
Methylation Date: 06/23/24 05:18
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	189	11.9	1	A
2,4,5-T	ND		ug/kg	189	5.87	1	A
2,4,5-TP (Silvex)	ND		ug/kg	189	5.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	107		30-150	A
DCAA	79		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-09
Client ID: D9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 10:40
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 09:45
Analyst: EMR
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.97	0.386	1	A
Lindane	ND		ug/kg	0.822	0.367	1	A
Alpha-BHC	ND		ug/kg	0.822	0.233	1	A
Beta-BHC	ND		ug/kg	1.97	0.748	1	A
Heptachlor	ND		ug/kg	0.986	0.442	1	A
Aldrin	ND		ug/kg	1.97	0.694	1	A
Heptachlor epoxide	2.46	J	ug/kg	3.70	1.11	1	B
Endrin	ND		ug/kg	0.822	0.337	1	A
Endrin aldehyde	ND		ug/kg	2.46	0.862	1	A
Endrin ketone	ND		ug/kg	1.97	0.508	1	A
Dieldrin	6.42		ug/kg	1.23	0.616	1	B
4,4'-DDE	131		ug/kg	1.97	0.456	1	B
4,4'-DDD	ND		ug/kg	1.97	0.703	1	A
4,4'-DDT	54.9		ug/kg	1.97	1.58	1	A
Endosulfan I	ND		ug/kg	1.97	0.466	1	A
Endosulfan II	ND		ug/kg	1.97	0.659	1	A
Endosulfan sulfate	ND		ug/kg	0.822	0.391	1	A
Methoxychlor	ND		ug/kg	3.70	1.15	1	A
Toxaphene	ND		ug/kg	37.0	10.4	1	A
cis-Chlordane	2.54	IP	ug/kg	2.46	0.687	1	B
trans-Chlordane	2.62	IP	ug/kg	2.46	0.651	1	A
Chlordane	ND		ug/kg	16.4	6.53	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-09 Date Collected: 06/17/24 10:40

Client ID: D9_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-09
Client ID: D9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 10:40
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 14:21
Analyst: EJL
Percent Solids: 79%
Methylation Date: 06/23/24 05:18
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	210	13.2	1	A
2,4,5-T	ND		ug/kg	210	6.50	1	A
2,4,5-TP (Silvex)	ND		ug/kg	210	5.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	107		30-150	A
DCAA	93		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-10
Client ID: D9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 10:45
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 09:56
Analyst: EMR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.717	0.320	1	A
Alpha-BHC	ND		ug/kg	0.717	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.860	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.606	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.968	1	A
Endrin	ND		ug/kg	0.717	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.753	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	ND		ug/kg	1.08	0.538	1	A
4,4'-DDE	1.30	J	ug/kg	1.72	0.398	1	B
4,4'-DDD	ND		ug/kg	1.72	0.614	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.575	1	A
Endosulfan sulfate	ND		ug/kg	0.717	0.341	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.03	1	A
cis-Chlordane	ND		ug/kg	2.15	0.599	1	A
trans-Chlordane	ND		ug/kg	2.15	0.568	1	A
Chlordane	ND		ug/kg	14.3	5.70	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-10 Date Collected: 06/17/24 10:45

Client ID: D9_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-10
Client ID: D9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 10:45
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 14:39
Analyst: EJL
Percent Solids: 92%
Methylation Date: 06/23/24 05:18

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	179	11.2	1	A
2,4,5-T	ND		ug/kg	179	5.54	1	A
2,4,5-TP (Silvex)	ND		ug/kg	179	4.75	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-13
Client ID: D8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 11:00
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 10:07
Analyst: EMR
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.12	0.414	1	A
Lindane	ND		ug/kg	0.881	0.394	1	A
Alpha-BHC	ND		ug/kg	0.881	0.250	1	A
Beta-BHC	ND		ug/kg	2.12	0.802	1	A
Heptachlor	ND		ug/kg	1.06	0.474	1	A
Aldrin	ND		ug/kg	2.12	0.745	1	A
Heptachlor epoxide	26.8		ug/kg	3.96	1.19	1	B
Endrin	ND		ug/kg	0.881	0.361	1	A
Endrin aldehyde	ND		ug/kg	2.64	0.925	1	A
Endrin ketone	ND		ug/kg	2.12	0.545	1	A
Dieldrin	50.7		ug/kg	1.32	0.661	1	B
4,4'-DDE	146		ug/kg	2.12	0.489	1	B
4,4'-DDD	ND		ug/kg	2.12	0.754	1	A
4,4'-DDT	26.5		ug/kg	2.12	1.70	1	A
Endosulfan I	ND		ug/kg	2.12	0.500	1	A
Endosulfan II	ND		ug/kg	2.12	0.707	1	A
Endosulfan sulfate	ND		ug/kg	0.881	0.419	1	A
Methoxychlor	ND		ug/kg	3.96	1.23	1	A
Toxaphene	ND		ug/kg	39.6	11.1	1	A
cis-Chlordane	18.0	IP	ug/kg	2.64	0.737	1	B
trans-Chlordane	12.3	IP	ug/kg	2.64	0.698	1	A
Chlordane	ND		ug/kg	17.6	7.01	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-13 Date Collected: 06/17/24 11:00

Client ID: D8_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-13
Client ID: D8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 11:00
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 14:58
Analyst: EJL
Percent Solids: 75%
Methylation Date: 06/23/24 05:18

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	217	13.7	1	A
2,4,5-T	ND		ug/kg	217	6.73	1	A
2,4,5-TP (Silvex)	ND		ug/kg	217	5.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	110		30-150	A
DCAA	98		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-14
Client ID: D8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 11:05
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 10:19
Analyst: EMR
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.779	0.348	1	A
Alpha-BHC	ND		ug/kg	0.779	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.709	1	A
Heptachlor	ND		ug/kg	0.935	0.419	1	A
Aldrin	ND		ug/kg	1.87	0.658	1	A
Heptachlor epoxide	1.38	J	ug/kg	3.51	1.05	1	B
Endrin	ND		ug/kg	0.779	0.320	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.818	1	A
Endrin ketone	ND		ug/kg	1.87	0.482	1	A
Dieldrin	1.40		ug/kg	1.17	0.584	1	A
4,4'-DDE	5.60		ug/kg	1.87	0.432	1	B
4,4'-DDD	ND		ug/kg	1.87	0.667	1	A
4,4'-DDT	ND		ug/kg	1.87	1.50	1	A
Endosulfan I	ND		ug/kg	1.87	0.442	1	A
Endosulfan II	ND		ug/kg	1.87	0.625	1	A
Endosulfan sulfate	ND		ug/kg	0.779	0.371	1	A
Methoxychlor	ND		ug/kg	3.51	1.09	1	A
Toxaphene	ND		ug/kg	35.1	9.82	1	A
cis-Chlordane	1.20	JIP	ug/kg	2.34	0.652	1	B
trans-Chlordane	2.78	IP	ug/kg	2.34	0.617	1	B
Chlordane	ND		ug/kg	15.6	6.20	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-14 Date Collected: 06/17/24 11:05

Client ID: D8_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-14
Client ID: D8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 11:05
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 15:16
Analyst: EJL
Percent Solids: 81%
Methylation Date: 06/23/24 05:18

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	202	12.7	1	A
2,4,5-T	ND		ug/kg	202	6.26	1	A
2,4,5-TP (Silvex)	ND		ug/kg	202	5.38	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	91		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-17
Client ID: D7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:05
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 10:30
Analyst: EMR
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.97	0.386	1	A
Lindane	ND		ug/kg	0.821	0.367	1	A
Alpha-BHC	ND		ug/kg	0.821	0.233	1	A
Beta-BHC	ND		ug/kg	1.97	0.748	1	A
Heptachlor	ND		ug/kg	0.986	0.442	1	A
Aldrin	ND		ug/kg	1.97	0.694	1	A
Heptachlor epoxide	7.39		ug/kg	3.70	1.11	1	B
Endrin	ND		ug/kg	0.821	0.337	1	A
Endrin aldehyde	ND		ug/kg	2.46	0.862	1	A
Endrin ketone	ND		ug/kg	1.97	0.508	1	A
Dieldrin	2.33		ug/kg	1.23	0.616	1	A
4,4'-DDE	20.2		ug/kg	1.97	0.456	1	B
4,4'-DDD	ND		ug/kg	1.97	0.703	1	A
4,4'-DDT	8.94		ug/kg	1.97	1.58	1	A
Endosulfan I	ND		ug/kg	1.97	0.466	1	A
Endosulfan II	ND		ug/kg	1.97	0.659	1	A
Endosulfan sulfate	ND		ug/kg	0.821	0.391	1	A
Methoxychlor	ND		ug/kg	3.70	1.15	1	A
Toxaphene	ND		ug/kg	37.0	10.4	1	A
cis-Chlordane	1.76	JIP	ug/kg	2.46	0.687	1	B
trans-Chlordane	5.24		ug/kg	2.46	0.650	1	A
Chlordane	ND		ug/kg	16.4	6.53	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-17 Date Collected: 06/17/24 12:05

Client ID: D7_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-17
Client ID: D7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:05
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 15:53
Analyst: EJL
Percent Solids: 80%
Methylation Date: 06/23/24 05:18

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	202	12.8	1	A
2,4,5-T	ND		ug/kg	202	6.28	1	A
2,4,5-TP (Silvex)	ND		ug/kg	202	5.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	103		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-18
Client ID: D7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:10
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 10:41
Analyst: EMR
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:16
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.02	0.397	1	A
Lindane	ND		ug/kg	0.844	0.377	1	A
Alpha-BHC	ND		ug/kg	0.844	0.240	1	A
Beta-BHC	ND		ug/kg	2.02	0.768	1	A
Heptachlor	ND		ug/kg	1.01	0.454	1	A
Aldrin	ND		ug/kg	2.02	0.713	1	A
Heptachlor epoxide	ND		ug/kg	3.80	1.14	1	A
Endrin	ND		ug/kg	0.844	0.346	1	A
Endrin aldehyde	ND		ug/kg	2.53	0.886	1	A
Endrin ketone	ND		ug/kg	2.02	0.522	1	A
Dieldrin	ND		ug/kg	1.27	0.633	1	A
4,4'-DDE	ND		ug/kg	2.02	0.468	1	A
4,4'-DDD	ND		ug/kg	2.02	0.722	1	A
4,4'-DDT	ND		ug/kg	2.02	1.63	1	A
Endosulfan I	ND		ug/kg	2.02	0.479	1	A
Endosulfan II	ND		ug/kg	2.02	0.677	1	A
Endosulfan sulfate	ND		ug/kg	0.844	0.402	1	A
Methoxychlor	ND		ug/kg	3.80	1.18	1	A
Toxaphene	ND		ug/kg	38.0	10.6	1	A
cis-Chlordane	ND		ug/kg	2.53	0.706	1	A
trans-Chlordane	ND		ug/kg	2.53	0.668	1	A
Chlordane	ND		ug/kg	16.9	6.71	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-18 Date Collected: 06/17/24 12:10

Client ID: D7_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-18
Client ID: D7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 12:10
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 16:12
Analyst: EJL
Percent Solids: 75%
Methylation Date: 06/23/24 05:18
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	221	13.9	1	A
2,4,5-T	ND		ug/kg	221	6.86	1	A
2,4,5-TP (Silvex)	ND		ug/kg	221	5.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	96		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-21
Client ID: D6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:30
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 10:52
Analyst: EMR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:16
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.738	0.330	1	A
Alpha-BHC	ND		ug/kg	0.738	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	ND		ug/kg	0.886	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	10.6		ug/kg	3.32	0.996	1	B
Endrin	ND		ug/kg	0.738	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.775	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	4.95		ug/kg	1.11	0.554	1	B
4,4'-DDE	15.1		ug/kg	1.77	0.410	1	B
4,4'-DDD	ND		ug/kg	1.77	0.632	1	A
4,4'-DDT	7.36		ug/kg	1.77	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.592	1	A
Endosulfan sulfate	ND		ug/kg	0.738	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.30	1	A
cis-Chlordane	1.38	JIP	ug/kg	2.21	0.617	1	B
trans-Chlordane	2.62	IP	ug/kg	2.21	0.584	1	B
Chlordane	ND		ug/kg	14.8	5.87	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-21 Date Collected: 06/17/24 12:30

Client ID: D6_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-21
Client ID: D6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 12:30
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 16:31
Analyst: EJL
Percent Solids: 85%
Methylation Date: 06/23/24 05:18
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	193	12.2	1	A
2,4,5-T	ND		ug/kg	193	5.98	1	A
2,4,5-TP (Silvex)	ND		ug/kg	193	5.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	105		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-22
Client ID: D6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:35
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 11:03
Analyst: EMR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:16
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.334	1	A
Lindane	ND		ug/kg	0.711	0.318	1	A
Alpha-BHC	ND		ug/kg	0.711	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.647	1	A
Heptachlor	ND		ug/kg	0.853	0.382	1	A
Aldrin	ND		ug/kg	1.71	0.601	1	A
Heptachlor epoxide	4.68		ug/kg	3.20	0.960	1	B
Endrin	ND		ug/kg	0.711	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.746	1	A
Endrin ketone	ND		ug/kg	1.71	0.439	1	A
Dieldrin	2.30		ug/kg	1.07	0.533	1	A
4,4'-DDE	28.3		ug/kg	1.71	0.394	1	B
4,4'-DDD	ND		ug/kg	1.71	0.608	1	A
4,4'-DDT	15.8		ug/kg	1.71	1.37	1	A
Endosulfan I	ND		ug/kg	1.71	0.403	1	A
Endosulfan II	ND		ug/kg	1.71	0.570	1	A
Endosulfan sulfate	ND		ug/kg	0.711	0.338	1	A
Methoxychlor	ND		ug/kg	3.20	0.995	1	A
Toxaphene	ND		ug/kg	32.0	8.96	1	A
cis-Chlordane	0.684	JIP	ug/kg	2.13	0.594	1	B
trans-Chlordane	1.09	JIP	ug/kg	2.13	0.563	1	B
Chlordane	ND		ug/kg	14.2	5.65	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-22 Date Collected: 06/17/24 12:35

Client ID: D6_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-22
Client ID: D6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 12:35
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 16:49
Analyst: EJL
Percent Solids: 89%
Methylation Date: 06/23/24 05:18
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	186	11.7	1	A
2,4,5-T	ND		ug/kg	186	5.77	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	88		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-25
Client ID: D5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 13:15
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 11:15
Analyst: EMR
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:16
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.01	0.394	1	A
Lindane	ND		ug/kg	0.838	0.375	1	A
Alpha-BHC	ND		ug/kg	0.838	0.238	1	A
Beta-BHC	ND		ug/kg	2.01	0.763	1	A
Heptachlor	ND		ug/kg	1.00	0.451	1	A
Aldrin	ND		ug/kg	2.01	0.708	1	A
Heptachlor epoxide	87.8		ug/kg	3.77	1.13	1	B
Endrin	ND		ug/kg	0.838	0.344	1	A
Endrin aldehyde	ND		ug/kg	2.51	0.880	1	A
Endrin ketone	ND		ug/kg	2.01	0.518	1	A
Dieldrin	85.3		ug/kg	1.26	0.629	1	B
4,4'-DDE	97.4		ug/kg	2.01	0.465	1	B
4,4'-DDD	ND		ug/kg	2.01	0.718	1	A
4,4'-DDT	22.2		ug/kg	2.01	1.62	1	A
Endosulfan I	ND		ug/kg	2.01	0.475	1	A
Endosulfan II	ND		ug/kg	2.01	0.672	1	A
Endosulfan sulfate	ND		ug/kg	0.838	0.399	1	A
Methoxychlor	ND		ug/kg	3.77	1.17	1	A
Toxaphene	ND		ug/kg	37.7	10.6	1	A
cis-Chlordane	28.4	IP	ug/kg	2.51	0.701	1	B
trans-Chlordane	27.2		ug/kg	2.51	0.664	1	B
Chlordane	ND		ug/kg	16.8	6.66	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-25 Date Collected: 06/17/24 13:15

Client ID: D5_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-25
Client ID: D5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 13:15
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 17:08
Analyst: EJL
Percent Solids: 79%
Methylation Date: 06/23/24 05:18

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	206	13.0	1	A
2,4,5-T	ND		ug/kg	206	6.40	1	A
2,4,5-TP (Silvex)	ND		ug/kg	206	5.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-26
Client ID: D5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 13:20
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 11:26
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:16
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.753	0.337	1	A
Alpha-BHC	ND		ug/kg	0.753	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.685	1	A
Heptachlor	ND		ug/kg	0.904	0.405	1	A
Aldrin	ND		ug/kg	1.81	0.636	1	A
Heptachlor epoxide	19.0		ug/kg	3.39	1.02	1	B
Endrin	ND		ug/kg	0.753	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.791	1	A
Endrin ketone	ND		ug/kg	1.81	0.465	1	A
Dieldrin	25.1		ug/kg	1.13	0.565	1	B
4,4'-DDE	49.2		ug/kg	1.81	0.418	1	B
4,4'-DDD	ND		ug/kg	1.81	0.645	1	A
4,4'-DDT	13.7		ug/kg	1.81	1.45	1	A
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	ND		ug/kg	1.81	0.604	1	A
Endosulfan sulfate	ND		ug/kg	0.753	0.358	1	A
Methoxychlor	ND		ug/kg	3.39	1.05	1	A
Toxaphene	ND		ug/kg	33.9	9.49	1	A
cis-Chlordane	5.33	IP	ug/kg	2.26	0.630	1	B
trans-Chlordane	7.09		ug/kg	2.26	0.596	1	B
Chlordane	ND		ug/kg	15.1	5.99	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-26 Date Collected: 06/17/24 13:20

Client ID: D5_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-26
Client ID: D5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 13:20
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 17:26
Analyst: EJL
Percent Solids: 86%
Methylation Date: 06/23/24 05:18
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	190	12.0	1	A
2,4,5-T	ND		ug/kg	190	5.91	1	A
2,4,5-TP (Silvex)	ND		ug/kg	190	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	106		30-150	A
DCAA	98		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-29
Client ID: D4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 13:50
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 11:37
Analyst: EMR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:16
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.733	0.328	1	A
Alpha-BHC	ND		ug/kg	0.733	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.667	1	A
Heptachlor	ND		ug/kg	0.879	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.619	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.989	1	B
Endrin	5.08		ug/kg	0.733	0.300	1	B
Endrin aldehyde	ND		ug/kg	2.20	0.769	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	1.54		ug/kg	1.10	0.550	1	B
4,4'-DDE	2.45		ug/kg	1.76	0.407	1	A
4,4'-DDD	ND		ug/kg	1.76	0.627	1	A
4,4'-DDT	ND		ug/kg	1.76	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.733	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.02	1	A
Toxaphene	ND		ug/kg	33.0	9.23	1	A
cis-Chlordane	1.13	JIP	ug/kg	2.20	0.612	1	B
trans-Chlordane	1.87	JIP	ug/kg	2.20	0.580	1	B
Chlordane	ND		ug/kg	14.6	5.82	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-29 Date Collected: 06/17/24 13:50

Client ID: D4_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-29
Client ID: D4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 13:50
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 17:45
Analyst: EJL
Percent Solids: 87%
Methylation Date: 06/23/24 05:18

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.8	1	A
2,4,5-T	ND		ug/kg	188	5.83	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	5.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	89		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-30
Client ID: D4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 13:55
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 11:48
Analyst: EMR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:16
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.701	0.313	1	A
Alpha-BHC	ND		ug/kg	0.701	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.638	1	A
Heptachlor	ND		ug/kg	0.841	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.946	1	A
Endrin	ND		ug/kg	0.701	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.736	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.600	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.701	0.334	1	A
Methoxychlor	ND		ug/kg	3.15	0.981	1	A
Toxaphene	ND		ug/kg	31.5	8.83	1	A
cis-Chlordane	ND		ug/kg	2.10	0.586	1	A
trans-Chlordane	ND		ug/kg	2.10	0.555	1	A
Chlordane	ND		ug/kg	14.0	5.57	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-30 Date Collected: 06/17/24 13:55

Client ID: D4_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-30
Client ID: D4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 13:55
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 18:04
Analyst: EJL
Percent Solids: 90%
Methylation Date: 06/23/24 05:18
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	185	11.6	1	A
2,4,5-T	ND		ug/kg	185	5.72	1	A
2,4,5-TP (Silvex)	ND		ug/kg	185	4.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	102		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-33
Client ID: D3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 14:10
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 12:00
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:16
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.760	0.340	1	A
Alpha-BHC	ND		ug/kg	0.760	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.692	1	A
Heptachlor	ND		ug/kg	0.912	0.409	1	A
Aldrin	ND		ug/kg	1.82	0.642	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.03	1	B
Endrin	ND		ug/kg	0.760	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.798	1	A
Endrin ketone	ND		ug/kg	1.82	0.470	1	A
Dieldrin	27.9		ug/kg	1.14	0.570	1	B
4,4'-DDE	16.1		ug/kg	1.82	0.422	1	B
4,4'-DDD	ND		ug/kg	1.82	0.651	1	A
4,4'-DDT	5.37		ug/kg	1.82	1.47	1	A
Endosulfan I	ND		ug/kg	1.82	0.431	1	A
Endosulfan II	ND		ug/kg	1.82	0.610	1	A
Endosulfan sulfate	ND		ug/kg	0.760	0.362	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.58	1	A
cis-Chlordane	ND		ug/kg	2.28	0.636	1	A
trans-Chlordane	ND		ug/kg	2.28	0.602	1	A
Chlordane	ND		ug/kg	15.2	6.04	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-33 Date Collected: 06/17/24 14:10

Client ID: D3_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-33
Client ID: D3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 14:10
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 18:22
Analyst: EJL
Percent Solids: 84%
Methylation Date: 06/23/24 05:18

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.3	1	A
2,4,5-T	ND		ug/kg	196	6.07	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	89		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-34
Client ID: D3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 14:15
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 12:11
Analyst: EMR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:16
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.708	0.316	1	A
Alpha-BHC	ND		ug/kg	0.708	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	ND		ug/kg	0.849	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.956	1	A
Endrin	ND		ug/kg	0.708	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.743	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.606	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.708	0.337	1	A
Methoxychlor	ND		ug/kg	3.18	0.991	1	A
Toxaphene	ND		ug/kg	31.8	8.92	1	A
cis-Chlordane	ND		ug/kg	2.12	0.592	1	A
trans-Chlordane	ND		ug/kg	2.12	0.560	1	A
Chlordane	ND		ug/kg	14.2	5.63	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-34 Date Collected: 06/17/24 14:15

Client ID: D3_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	37		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-34
Client ID: D3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 14:15
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 18:41
Analyst: EJL
Percent Solids: 92%
Methylation Date: 06/23/24 05:18

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	178	11.2	1	A
2,4,5-T	ND		ug/kg	178	5.52	1	A
2,4,5-TP (Silvex)	ND		ug/kg	178	4.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	109		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-37
Client ID: FB_06172024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:30
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 06/22/24 17:55
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 06/22/24 08:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-37 Date Collected: 06/17/24 09:30

Client ID: FB_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-37
Client ID: FB_06172024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:30
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 06/21/24 01:32
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 12:39

Methylation Date: 06/19/24 18:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	93		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-38
Client ID: DUP_06172024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:00
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 12:22
Analyst: EMR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:16
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.778	0.348	1	A
Alpha-BHC	ND		ug/kg	0.778	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.708	1	A
Heptachlor	ND		ug/kg	0.934	0.419	1	A
Aldrin	ND		ug/kg	1.87	0.658	1	A
Heptachlor epoxide	ND		ug/kg	3.50	1.05	1	A
Endrin	ND		ug/kg	0.778	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.817	1	A
Endrin ketone	ND		ug/kg	1.87	0.481	1	A
Dieldrin	ND		ug/kg	1.17	0.584	1	A
4,4'-DDE	136		ug/kg	1.87	0.432	1	B
4,4'-DDD	ND		ug/kg	1.87	0.666	1	A
4,4'-DDT	36.8		ug/kg	1.87	1.50	1	A
Endosulfan I	ND		ug/kg	1.87	0.441	1	A
Endosulfan II	ND		ug/kg	1.87	0.624	1	A
Endosulfan sulfate	ND		ug/kg	0.778	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.80	1	A
cis-Chlordane	ND		ug/kg	2.33	0.650	1	A
trans-Chlordane	ND		ug/kg	2.33	0.616	1	A
Chlordane	ND		ug/kg	15.6	6.19	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-38 Date Collected: 06/17/24 12:00

Client ID: DUP_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434058
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-38
Client ID: DUP_06172024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:00
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 11:01
Analyst: EJL
Percent Solids: 85%
Methylation Date: 06/23/24 05:07

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 10:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.03	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.18	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	106		30-150	A
DCAA	97		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/20/24 16:51
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 12:39

Methylation Date: 06/20/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 37 Batch: WG1936518-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	119		30-150	A
DCAA	105		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/24/24 07:53
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34,38 Batch: WG1937822-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.646	0.289	A
Alpha-BHC	ND		ug/kg	0.646	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.588	A
Heptachlor	ND		ug/kg	0.776	0.348	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.91	0.873	A
Endrin	ND		ug/kg	0.646	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.679	A
Endrin ketone	ND		ug/kg	1.55	0.399	A
Dieldrin	ND		ug/kg	0.970	0.485	A
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDD	ND		ug/kg	1.55	0.553	A
4,4'-DDT	ND		ug/kg	1.55	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.518	A
Endosulfan sulfate	ND		ug/kg	0.646	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.905	A
Toxaphene	ND		ug/kg	29.1	8.14	A
cis-Chlordane	ND		ug/kg	1.94	0.540	A
trans-Chlordane	ND		ug/kg	1.94	0.512	A
Chlordane	ND		ug/kg	12.9	5.14	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/24/24 07:53
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34,38 Batch: WG1937822-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/22/24 13:50
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 06/22/24 03:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 37 Batch: WG1937834-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A
4,4'-DDT	0.004	J	ug/l	0.029	0.003	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/22/24 13:50
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 06/22/24 03:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 37 Batch: WG1937834-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/23/24 10:57
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 06:53

Methylation Date: 06/23/24 05:18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34 Batch: WG1937865-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/23/24 10:05
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 10:48

Methylation Date: 06/23/24 05:07

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 38 Batch: WG1937960-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.08	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	91		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 37 Batch: WG1936518-2 WG1936518-3									
2,4-D	93		96		30-150	3		25	A
2,4,5-T	92		100		30-150	8		25	A
2,4,5-TP (Silvex)	90		91		30-150	1		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	98		107		30-150	A
DCAA	108		111		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34,38 Batch: WG1937822-2 WG1937822-3									
Delta-BHC	95		87		30-150	9		30	A
Lindane	85		81		30-150	5		30	A
Alpha-BHC	88		84		30-150	5		30	A
Beta-BHC	82		77		30-150	6		30	A
Heptachlor	84		81		30-150	4		30	A
Aldrin	84		80		30-150	5		30	A
Heptachlor epoxide	73		76		30-150	4		30	A
Endrin	89		85		30-150	5		30	A
Endrin aldehyde	76		76		30-150	0		30	A
Endrin ketone	83		81		30-150	2		30	A
Dieldrin	92		90		30-150	2		30	A
4,4'-DDE	82		81		30-150	1		30	A
4,4'-DDD	90		88		30-150	2		30	A
4,4'-DDT	91		88		30-150	3		30	A
Endosulfan I	82		81		30-150	1		30	A
Endosulfan II	87		84		30-150	4		30	A
Endosulfan sulfate	78		77		30-150	1		30	A
Methoxychlor	103		98		30-150	5		30	A
cis-Chlordane	78		78		30-150	0		30	A
trans-Chlordane	92		89		30-150	3		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34,38 Batch: WG1937822-2 WG1937822-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		77		30-150	A
Decachlorobiphenyl	76		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		89		30-150	B
Decachlorobiphenyl	100		95		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 37 Batch: WG1937834-2 WG1937834-3									
Delta-BHC	95		92		30-150	3		20	A
Lindane	97		96		30-150	2		20	A
Alpha-BHC	98		94		30-150	4		20	A
Beta-BHC	105		104		30-150	1		20	A
Heptachlor	103		102		30-150	1		20	A
Aldrin	96		94		30-150	3		20	A
Heptachlor epoxide	99		97		30-150	2		20	A
Endrin	99		97		30-150	2		20	A
Endrin aldehyde	57		65		30-150	13		20	A
Endrin ketone	99		99		30-150	1		20	A
Dieldrin	108		104		30-150	4		20	A
4,4'-DDE	96		96		30-150	1		20	A
4,4'-DDD	106		104		30-150	2		20	A
4,4'-DDT	96		94		30-150	2		20	A
Endosulfan I	96		93		30-150	3		20	A
Endosulfan II	101		98		30-150	3		20	A
Endosulfan sulfate	93		92		30-150	1		20	A
Methoxychlor	144		133		30-150	8		20	A
cis-Chlordane	89		87		30-150	3		20	A
trans-Chlordane	108		108		30-150	0		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 37 Batch: WG1937834-2 WG1937834-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		82		30-150	A
Decachlorobiphenyl	92		94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		86		30-150	B
Decachlorobiphenyl	92		90		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34 Batch: WG1937865-2 WG1937865-3									
2,4-D	82		89		30-150	8		30	A
2,4,5-T	81		90		30-150	11		30	A
2,4,5-TP (Silvex)	86		89		30-150	3		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	82		88		30-150	A
DCAA	92		100		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 38 Batch: WG1937960-2 WG1937960-3									
2,4-D	102		88		30-150	15		30	A
2,4,5-T	117		101		30-150	15		30	A
2,4,5-TP (Silvex)	108		99		30-150	9		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	103		92		30-150	A
DCAA	131		116		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34,38 QC Batch ID: WG1937822-4 WG1937822-5 QC Sample: L2434058-02 Client ID: D11_0.2-2													
Delta-BHC	ND	40.6	286	**704**	Q	287	**698**	Q	30-150	0		50	A
Lindane	ND	40.6	35.8	88		35.7	87		30-150	0		50	A
Alpha-BHC	ND	40.6	39.2	97		37.8	92		30-150	4		50	A
Beta-BHC	ND	40.6	40.5	100		37.6	92		30-150	7		50	A
Heptachlor	ND	40.6	37.1	91		37.2	91		30-150	0		50	A
Aldrin	ND	40.6	35.4	87		35.4	86		30-150	0		50	A
Heptachlor epoxide	133	40.6	206	**180**	Q	209	**185**	Q	30-150	1		50	B
Endrin	ND	40.6	38.7	95		39.3	96		30-150	2		50	A
Endrin aldehyde	ND	40.6	34.7	85		33.5	82		30-150	4		50	A
Endrin ketone	ND	40.6	39.5	97		40.1	98		30-150	2		50	A
Dieldrin	125	40.6	198	**180**	Q	203	**190**	Q	30-150	2		50	B
4,4'-DDE	181	40.6	248	**165**	Q	265	**204**	Q	30-150	7		50	B
4,4'-DDD	ND	40.6	43.0	106		43.8	107		30-150	2		50	A
4,4'-DDT	52.0	40.6	90.4	95		102	122		30-150	12		50	A
Endosulfan I	ND	40.6	34.8	86		35.0	85		30-150	1		50	A
Endosulfan II	ND	40.6	34.6	85		34.9	85		30-150	1		50	A
Endosulfan sulfate	ND	40.6	31.9	79		31.4	76		30-150	2		50	A
Methoxychlor	ND	40.6	43.1	106		43.2	105		30-150	0		50	A
cis-Chlordane	72.0IP	40.6	134	**153**	Q	132	146		30-150	2		50	B
trans-Chlordane	57.3	40.6	118	149		117	145		30-150	1		50	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34,38 QC Batch ID: WG1937822-4 WG1937822-5 QC Sample: L2434058-02 Client ID: D11_0.2-2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		78		30-150	A
Decachlorobiphenyl	62		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		94		30-150	B
Decachlorobiphenyl	83		89		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34 QC Batch ID: WG1937865-4 WG1937865-5 QC Sample: L2434058-02 Client ID: D11_0.2-2													
2,4-D	ND	202	201J	99		190J	94		30-150	6		30	A
2,4,5-T	ND	202	214	106		204	101		30-150	5		30	A
2,4,5-TP (Silvex)	ND	202	216	107		202J	100		30-150	7		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	106		94		30-150	A
DCAA	102		98		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-01 Date Collected: 06/17/24 09:00

Client ID: D11_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17200		mg/kg	10.0	2.71	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Antimony, Total	1.59	J	mg/kg	5.03	0.382	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Arsenic, Total	173		mg/kg	1.00	0.209	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Barium, Total	116		mg/kg	1.00	0.175	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.671		mg/kg	0.503	0.033	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Cadmium, Total	1.45		mg/kg	1.00	0.099	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Calcium, Total	1080		mg/kg	10.0	3.52	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Chromium, Total	70.8		mg/kg	1.00	0.097	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Cobalt, Total	7.23		mg/kg	2.01	0.167	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Copper, Total	20.5		mg/kg	1.00	0.259	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Iron, Total	22400		mg/kg	5.03	0.908	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Lead, Total	202		mg/kg	5.03	0.269	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Magnesium, Total	3570		mg/kg	10.0	1.55	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Manganese, Total	674		mg/kg	1.00	0.160	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Mercury, Total	1.29		mg/kg	0.091	0.059	1	06/21/24 01:16	06/24/24 10:41	EPA 7471B	1,7471B	JWN
Nickel, Total	15.2		mg/kg	2.51	0.243	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Potassium, Total	1010		mg/kg	251	14.5	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Selenium, Total	0.441	J	mg/kg	2.01	0.259	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Silver, Total	0.375	J	mg/kg	0.503	0.284	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Sodium, Total	25.7	J	mg/kg	201	3.17	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Thallium, Total	0.558	J	mg/kg	2.01	0.317	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Vanadium, Total	33.7		mg/kg	1.00	0.204	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM
Zinc, Total	84.9		mg/kg	5.03	0.295	2	06/21/24 00:29	06/22/24 09:01	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-02 Date Collected: 06/17/24 09:05

Client ID: D11_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16500		mg/kg	9.62	2.60	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Antimony, Total	1.37	J	mg/kg	4.81	0.366	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Arsenic, Total	121		mg/kg	0.962	0.200	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Barium, Total	111		mg/kg	0.962	0.167	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.555		mg/kg	0.481	0.032	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Cadmium, Total	1.00		mg/kg	0.962	0.094	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Calcium, Total	928		mg/kg	9.62	3.37	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Chromium, Total	63.9		mg/kg	0.962	0.092	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Cobalt, Total	7.58		mg/kg	1.92	0.160	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Copper, Total	19.5		mg/kg	0.962	0.248	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Iron, Total	24200		mg/kg	4.81	0.869	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Lead, Total	130		mg/kg	4.81	0.258	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Magnesium, Total	3720		mg/kg	9.62	1.48	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Manganese, Total	501		mg/kg	0.962	0.153	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Mercury, Total	1.18		mg/kg	0.088	0.058	1	06/21/24 01:16	06/24/24 10:31	EPA 7471B	1,7471B	JWN
Nickel, Total	14.4		mg/kg	2.40	0.233	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Potassium, Total	1360		mg/kg	240	13.8	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.92	0.248	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Silver, Total	0.279	J	mg/kg	0.481	0.272	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Sodium, Total	29.8	J	mg/kg	192	3.03	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Thallium, Total	0.540	J	mg/kg	1.92	0.303	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Vanadium, Total	34.5		mg/kg	0.962	0.195	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM
Zinc, Total	74.9		mg/kg	4.81	0.282	2	06/21/24 00:29	06/22/24 09:13	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-05 Date Collected: 06/17/24 09:45

Client ID: D10_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17500		mg/kg	10.0	2.71	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Antimony, Total	0.940	J	mg/kg	5.02	0.381	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Arsenic, Total	18.4		mg/kg	1.00	0.209	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Barium, Total	101		mg/kg	1.00	0.175	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.715		mg/kg	0.502	0.033	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.397	J	mg/kg	1.00	0.098	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Calcium, Total	844		mg/kg	10.0	3.51	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Chromium, Total	25.7		mg/kg	1.00	0.096	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Cobalt, Total	9.00		mg/kg	2.01	0.166	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Copper, Total	23.5		mg/kg	1.00	0.259	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Iron, Total	21100		mg/kg	5.02	0.906	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Lead, Total	92.7		mg/kg	5.02	0.269	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Magnesium, Total	3900		mg/kg	10.0	1.54	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Manganese, Total	736		mg/kg	1.00	0.160	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Mercury, Total	0.356		mg/kg	0.089	0.058	1	06/21/24 01:16	06/24/24 10:45	EPA 7471B	1,7471B	JWN
Nickel, Total	18.9		mg/kg	2.51	0.243	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Potassium, Total	1050		mg/kg	251	14.4	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Selenium, Total	0.658	J	mg/kg	2.01	0.259	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.502	0.284	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Sodium, Total	50.4	J	mg/kg	201	3.16	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Thallium, Total	0.591	J	mg/kg	2.01	0.316	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Vanadium, Total	42.7		mg/kg	1.00	0.204	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM
Zinc, Total	87.5		mg/kg	5.02	0.294	2	06/21/24 00:29	06/22/24 09:05	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-06 Date Collected: 06/17/24 09:50

Client ID: D10_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17600		mg/kg	9.14	2.47	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Antimony, Total	0.648	J	mg/kg	4.57	0.347	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Arsenic, Total	11.6		mg/kg	0.914	0.190	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Barium, Total	115		mg/kg	0.914	0.159	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.597		mg/kg	0.457	0.030	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.215	J	mg/kg	0.914	0.090	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Calcium, Total	560		mg/kg	9.14	3.20	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Chromium, Total	26.1		mg/kg	0.914	0.088	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Cobalt, Total	9.87		mg/kg	1.83	0.152	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Copper, Total	20.0		mg/kg	0.914	0.236	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Iron, Total	24000		mg/kg	4.57	0.825	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Lead, Total	57.6		mg/kg	4.57	0.245	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Magnesium, Total	4460		mg/kg	9.14	1.41	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Manganese, Total	533		mg/kg	0.914	0.145	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Mercury, Total	0.211		mg/kg	0.080	0.052	1	06/21/24 01:16	06/24/24 10:48	EPA 7471B	1,7471B	JWN
Nickel, Total	18.8		mg/kg	2.28	0.221	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Potassium, Total	1840		mg/kg	228	13.2	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.83	0.236	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.457	0.258	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Sodium, Total	32.7	J	mg/kg	183	2.88	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Thallium, Total	0.762	J	mg/kg	1.83	0.288	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Vanadium, Total	42.8		mg/kg	0.914	0.185	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM
Zinc, Total	65.2		mg/kg	4.57	0.268	2	06/21/24 00:29	06/22/24 09:09	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-09 Date Collected: 06/17/24 10:40

Client ID: D9_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14000		mg/kg	9.50	2.56	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Antimony, Total	0.660	J	mg/kg	4.75	0.361	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Arsenic, Total	22.4		mg/kg	0.950	0.198	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Barium, Total	90.3		mg/kg	0.950	0.165	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.427	J	mg/kg	0.475	0.031	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.316	J	mg/kg	0.950	0.093	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Calcium, Total	680		mg/kg	9.50	3.32	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Chromium, Total	24.6		mg/kg	0.950	0.091	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Cobalt, Total	8.93		mg/kg	1.90	0.158	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Copper, Total	20.5		mg/kg	0.950	0.245	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Iron, Total	20700		mg/kg	4.75	0.857	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Lead, Total	63.8		mg/kg	4.75	0.254	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Magnesium, Total	4160		mg/kg	9.50	1.46	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Manganese, Total	395		mg/kg	0.950	0.151	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Mercury, Total	1.68		mg/kg	0.092	0.060	1	06/21/24 01:16	06/24/24 10:51	EPA 7471B	1,7471B	JWN
Nickel, Total	15.7		mg/kg	2.37	0.230	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Potassium, Total	2510		mg/kg	237	13.7	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.90	0.245	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.475	0.269	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Sodium, Total	42.9	J	mg/kg	190	2.99	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Thallium, Total	0.744	J	mg/kg	1.90	0.299	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Vanadium, Total	30.8		mg/kg	0.950	0.193	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM
Zinc, Total	57.6		mg/kg	4.75	0.278	2	06/21/24 00:29	06/22/24 09:43	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-10 Date Collected: 06/17/24 10:45

Client ID: D9_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15900		mg/kg	8.56	2.31	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Antimony, Total	0.614	J	mg/kg	4.28	0.325	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Arsenic, Total	2.47		mg/kg	0.856	0.178	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Barium, Total	139		mg/kg	0.856	0.149	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.478		mg/kg	0.428	0.028	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.087	J	mg/kg	0.856	0.084	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Calcium, Total	597		mg/kg	8.56	3.00	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Chromium, Total	24.0		mg/kg	0.856	0.082	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Cobalt, Total	13.1		mg/kg	1.71	0.142	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Copper, Total	22.5		mg/kg	0.856	0.221	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Iron, Total	25000		mg/kg	4.28	0.773	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Lead, Total	10.3		mg/kg	4.28	0.230	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Magnesium, Total	4860		mg/kg	8.56	1.32	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Manganese, Total	441		mg/kg	0.856	0.136	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Mercury, Total	0.116		mg/kg	0.078	0.051	1	06/21/24 01:16	06/24/24 10:54	EPA 7471B	1,7471B	JWN
Nickel, Total	16.3		mg/kg	2.14	0.207	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Potassium, Total	3630		mg/kg	214	12.3	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.71	0.221	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.428	0.242	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Sodium, Total	50.1	J	mg/kg	171	2.70	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Thallium, Total	0.900	J	mg/kg	1.71	0.270	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Vanadium, Total	35.0		mg/kg	0.856	0.174	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM
Zinc, Total	51.4		mg/kg	4.28	0.251	2	06/21/24 00:29	06/22/24 09:47	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-13 Date Collected: 06/17/24 11:00

Client ID: D8_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	19400		mg/kg	10.2	2.76	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Antimony, Total	0.961	J	mg/kg	5.12	0.389	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Arsenic, Total	106		mg/kg	1.02	0.213	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Barium, Total	120		mg/kg	1.02	0.178	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.719		mg/kg	0.512	0.034	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.912	J	mg/kg	1.02	0.100	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Calcium, Total	928		mg/kg	10.2	3.58	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Chromium, Total	68.0		mg/kg	1.02	0.098	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Cobalt, Total	10.1		mg/kg	2.05	0.170	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Copper, Total	23.6		mg/kg	1.02	0.264	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Iron, Total	23600		mg/kg	5.12	0.925	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Lead, Total	160		mg/kg	5.12	0.274	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Magnesium, Total	4430		mg/kg	10.2	1.58	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Manganese, Total	708		mg/kg	1.02	0.163	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Mercury, Total	0.856		mg/kg	0.090	0.059	1	06/21/24 01:16	06/24/24 11:15	EPA 7471B	1,7471B	JWN
Nickel, Total	18.8		mg/kg	2.56	0.248	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Potassium, Total	1300		mg/kg	256	14.7	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Selenium, Total	0.436	J	mg/kg	2.05	0.264	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Silver, Total	0.320	J	mg/kg	0.512	0.290	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Sodium, Total	34.3	J	mg/kg	205	3.23	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Thallium, Total	0.763	J	mg/kg	2.05	0.323	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Vanadium, Total	39.1		mg/kg	1.02	0.208	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM
Zinc, Total	87.2		mg/kg	5.12	0.300	2	06/21/24 00:29	06/22/24 09:51	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-14 Date Collected: 06/17/24 11:05

Client ID: D8_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13200		mg/kg	9.73	2.63	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Antimony, Total	0.626	J	mg/kg	4.87	0.370	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Arsenic, Total	7.08		mg/kg	0.973	0.202	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Barium, Total	80.0		mg/kg	0.973	0.169	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.431	J	mg/kg	0.487	0.032	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.144	J	mg/kg	0.973	0.095	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Calcium, Total	451		mg/kg	9.73	3.41	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Chromium, Total	20.4		mg/kg	0.973	0.093	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Cobalt, Total	7.75		mg/kg	1.95	0.162	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Copper, Total	12.8		mg/kg	0.973	0.251	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Iron, Total	17400		mg/kg	4.87	0.879	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Lead, Total	10.8		mg/kg	4.87	0.261	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Magnesium, Total	3440		mg/kg	9.73	1.50	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Manganese, Total	375		mg/kg	0.973	0.155	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Mercury, Total	0.107		mg/kg	0.085	0.055	1	06/21/24 01:16	06/24/24 11:18	EPA 7471B	1,7471B	JWN
Nickel, Total	13.4		mg/kg	2.43	0.236	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Potassium, Total	1100		mg/kg	243	14.0	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.95	0.251	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.487	0.275	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Sodium, Total	26.4	J	mg/kg	195	3.07	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Thallium, Total	0.632	J	mg/kg	1.95	0.307	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Vanadium, Total	26.0		mg/kg	0.973	0.198	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM
Zinc, Total	39.4		mg/kg	4.87	0.285	2	06/21/24 00:29	06/22/24 09:55	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-17 Date Collected: 06/17/24 12:05

Client ID: D7_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13700		mg/kg	9.85	2.66	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Antimony, Total	0.627	J	mg/kg	4.93	0.374	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Arsenic, Total	35.1		mg/kg	0.985	0.205	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Barium, Total	89.4		mg/kg	0.985	0.171	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.439	J	mg/kg	0.493	0.033	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.168	J	mg/kg	0.985	0.097	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Calcium, Total	438		mg/kg	9.85	3.45	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Chromium, Total	20.5		mg/kg	0.985	0.095	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Cobalt, Total	8.69		mg/kg	1.97	0.164	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Copper, Total	17.3		mg/kg	0.985	0.254	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Iron, Total	18200		mg/kg	4.93	0.890	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Lead, Total	111		mg/kg	4.93	0.264	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Magnesium, Total	4040		mg/kg	9.85	1.52	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Manganese, Total	325		mg/kg	0.985	0.157	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Mercury, Total	0.057	J	mg/kg	0.085	0.056	1	06/21/24 01:16	06/24/24 11:22	EPA 7471B	1,7471B	JWN
Nickel, Total	16.3		mg/kg	2.46	0.238	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Potassium, Total	1570		mg/kg	246	14.2	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Selenium, Total	0.502	J	mg/kg	1.97	0.254	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.493	0.279	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Sodium, Total	32.0	J	mg/kg	197	3.10	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Thallium, Total	0.571	J	mg/kg	1.97	0.310	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Vanadium, Total	28.0		mg/kg	0.985	0.200	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM
Zinc, Total	55.6		mg/kg	4.93	0.289	2	06/21/24 00:29	06/22/24 09:59	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-18 Date Collected: 06/17/24 12:10

Client ID: D7_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15300		mg/kg	10.6	2.86	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Antimony, Total	0.422	J	mg/kg	5.30	0.403	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Arsenic, Total	1.40		mg/kg	1.06	0.220	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Barium, Total	121		mg/kg	1.06	0.184	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.340	J	mg/kg	0.530	0.035	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	1.06	0.104	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Calcium, Total	726		mg/kg	10.6	3.71	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Chromium, Total	29.4		mg/kg	1.06	0.102	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Cobalt, Total	13.5		mg/kg	2.12	0.176	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Copper, Total	20.8		mg/kg	1.06	0.273	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Iron, Total	26900		mg/kg	5.30	0.957	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Lead, Total	7.19		mg/kg	5.30	0.284	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Magnesium, Total	6630		mg/kg	10.6	1.63	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Manganese, Total	217		mg/kg	1.06	0.168	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.090	0.059	1	06/21/24 01:16	06/24/24 11:25	EPA 7471B	1,7471B	JWN
Nickel, Total	23.7		mg/kg	2.65	0.256	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Potassium, Total	5600		mg/kg	265	15.2	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	2.12	0.273	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.530	0.300	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Sodium, Total	104	J	mg/kg	212	3.34	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Thallium, Total	1.10	J	mg/kg	2.12	0.334	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Vanadium, Total	39.7		mg/kg	1.06	0.215	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM
Zinc, Total	62.7		mg/kg	5.30	0.310	2	06/21/24 00:29	06/22/24 10:03	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-21 Date Collected: 06/17/24 12:30

Client ID: D6_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10100		mg/kg	9.27	2.50	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Antimony, Total	0.509	J	mg/kg	4.63	0.352	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Arsenic, Total	5.95		mg/kg	0.927	0.193	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Barium, Total	47.1		mg/kg	0.927	0.161	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.353	J	mg/kg	0.463	0.031	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.927	0.091	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Calcium, Total	310		mg/kg	9.27	3.24	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Chromium, Total	20.6		mg/kg	0.927	0.089	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Cobalt, Total	5.99		mg/kg	1.85	0.154	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Copper, Total	11.0		mg/kg	0.927	0.239	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Iron, Total	14500		mg/kg	4.63	0.837	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Lead, Total	24.8		mg/kg	4.63	0.248	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Magnesium, Total	2380		mg/kg	9.27	1.43	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Manganese, Total	286		mg/kg	0.927	0.147	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Mercury, Total	0.253		mg/kg	0.075	0.049	1	06/21/24 01:16	06/24/24 11:28	EPA 7471B	1,7471B	JWN
Nickel, Total	9.64		mg/kg	2.32	0.224	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Potassium, Total	645		mg/kg	232	13.3	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Selenium, Total	0.248	J	mg/kg	1.85	0.239	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.463	0.262	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Sodium, Total	26.2	J	mg/kg	185	2.92	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Thallium, Total	0.408	J	mg/kg	1.85	0.292	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Vanadium, Total	23.4		mg/kg	0.927	0.188	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM
Zinc, Total	42.5		mg/kg	4.63	0.272	2	06/21/24 00:29	06/22/24 10:07	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-22 Date Collected: 06/17/24 12:35

Client ID: D6_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9100		mg/kg	8.68	2.34	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Antimony, Total	0.416	J	mg/kg	4.34	0.330	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Arsenic, Total	7.07		mg/kg	0.868	0.181	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Barium, Total	46.8		mg/kg	0.868	0.151	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.330	J	mg/kg	0.434	0.029	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.868	0.085	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Calcium, Total	216		mg/kg	8.68	3.04	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Chromium, Total	14.4		mg/kg	0.868	0.083	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Cobalt, Total	4.87		mg/kg	1.74	0.144	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Copper, Total	9.24		mg/kg	0.868	0.224	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Iron, Total	12200		mg/kg	4.34	0.784	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Lead, Total	20.9		mg/kg	4.34	0.233	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Magnesium, Total	2040		mg/kg	8.68	1.34	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Manganese, Total	318		mg/kg	0.868	0.138	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Mercury, Total	0.102		mg/kg	0.083	0.054	1	06/21/24 01:16	06/24/24 11:31	EPA 7471B	1,7471B	JWN
Nickel, Total	8.62		mg/kg	2.17	0.210	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Potassium, Total	500		mg/kg	217	12.5	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Selenium, Total	0.316	J	mg/kg	1.74	0.224	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.434	0.246	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Sodium, Total	18.6	J	mg/kg	174	2.74	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.74	0.274	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Vanadium, Total	18.4		mg/kg	0.868	0.176	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM
Zinc, Total	34.0		mg/kg	4.34	0.254	2	06/21/24 00:29	06/22/24 10:11	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-25 Date Collected: 06/17/24 13:15

Client ID: D5_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17900		mg/kg	9.70	2.62	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Antimony, Total	1.34	J	mg/kg	4.85	0.369	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Arsenic, Total	136		mg/kg	0.970	0.202	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Barium, Total	102		mg/kg	0.970	0.169	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.564		mg/kg	0.485	0.032	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.572	J	mg/kg	0.970	0.095	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Calcium, Total	708		mg/kg	9.70	3.40	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Chromium, Total	75.0		mg/kg	0.970	0.093	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Cobalt, Total	11.3		mg/kg	1.94	0.161	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Copper, Total	22.0		mg/kg	0.970	0.250	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Iron, Total	24800		mg/kg	4.85	0.876	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Lead, Total	90.0		mg/kg	4.85	0.260	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Magnesium, Total	5150		mg/kg	9.70	1.49	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Manganese, Total	432		mg/kg	0.970	0.154	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Mercury, Total	1.03		mg/kg	0.083	0.054	1	06/21/24 01:16	06/24/24 11:35	EPA 7471B	1,7471B	JWN
Nickel, Total	20.8		mg/kg	2.43	0.235	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Potassium, Total	1970		mg/kg	243	14.0	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.94	0.250	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.485	0.275	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Sodium, Total	37.5	J	mg/kg	194	3.06	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Thallium, Total	0.736	J	mg/kg	1.94	0.306	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Vanadium, Total	39.7		mg/kg	0.970	0.197	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM
Zinc, Total	76.3		mg/kg	4.85	0.284	2	06/21/24 00:29	06/22/24 10:14	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-26 Date Collected: 06/17/24 13:20

Client ID: D5_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13000		mg/kg	8.94	2.41	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Antimony, Total	0.821	J	mg/kg	4.47	0.340	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Arsenic, Total	7.98		mg/kg	0.894	0.186	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Barium, Total	87.2		mg/kg	0.894	0.156	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.432	J	mg/kg	0.447	0.030	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.236	J	mg/kg	0.894	0.088	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Calcium, Total	766		mg/kg	8.94	3.13	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Chromium, Total	20.3		mg/kg	0.894	0.086	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Cobalt, Total	8.43		mg/kg	1.79	0.148	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Copper, Total	10.4		mg/kg	0.894	0.230	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Iron, Total	18000		mg/kg	4.47	0.807	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Lead, Total	14.5		mg/kg	4.47	0.240	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Magnesium, Total	3610		mg/kg	8.94	1.38	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Manganese, Total	429		mg/kg	0.894	0.142	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Mercury, Total	0.126		mg/kg	0.073	0.047	1	06/21/24 01:16	06/24/24 11:38	EPA 7471B	1,7471B	JWN
Nickel, Total	15.8		mg/kg	2.23	0.216	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Potassium, Total	2360		mg/kg	223	12.9	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.79	0.230	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.447	0.253	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Sodium, Total	32.0	J	mg/kg	179	2.82	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Thallium, Total	0.551	J	mg/kg	1.79	0.282	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Vanadium, Total	26.0		mg/kg	0.894	0.181	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM
Zinc, Total	48.3		mg/kg	4.47	0.262	2	06/21/24 00:29	06/22/24 10:18	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-29 Date Collected: 06/17/24 13:50

Client ID: D4_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14200		mg/kg	9.10	2.46	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Antimony, Total	0.610	J	mg/kg	4.55	0.346	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Arsenic, Total	4.30		mg/kg	0.910	0.189	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Barium, Total	50.3		mg/kg	0.910	0.158	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.402	J	mg/kg	0.455	0.030	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.136	J	mg/kg	0.910	0.089	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Calcium, Total	3190		mg/kg	9.10	3.18	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Chromium, Total	17.9		mg/kg	0.910	0.087	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Cobalt, Total	12.1		mg/kg	1.82	0.151	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Copper, Total	28.3		mg/kg	0.910	0.235	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Iron, Total	25300		mg/kg	4.55	0.822	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Lead, Total	11.6		mg/kg	4.55	0.244	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Magnesium, Total	6690		mg/kg	9.10	1.40	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Manganese, Total	330		mg/kg	0.910	0.145	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Mercury, Total	0.097		mg/kg	0.073	0.048	1	06/21/24 01:16	06/24/24 11:41	EPA 7471B	1,7471B	JWN
Nickel, Total	15.7		mg/kg	2.27	0.220	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Potassium, Total	1480		mg/kg	227	13.1	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.82	0.235	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.455	0.257	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Sodium, Total	202		mg/kg	182	2.86	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Thallium, Total	0.857	J	mg/kg	1.82	0.286	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Vanadium, Total	53.8		mg/kg	0.910	0.185	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM
Zinc, Total	56.9		mg/kg	4.55	0.266	2	06/21/24 00:29	06/22/24 10:34	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-30 Date Collected: 06/17/24 13:55

Client ID: D4_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17900		mg/kg	8.42	2.27	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Antimony, Total	0.672	J	mg/kg	4.21	0.320	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Arsenic, Total	2.86		mg/kg	0.842	0.175	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Barium, Total	66.8		mg/kg	0.842	0.146	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.698		mg/kg	0.421	0.028	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.129	J	mg/kg	0.842	0.083	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Calcium, Total	1350		mg/kg	8.42	2.95	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Chromium, Total	33.8		mg/kg	0.842	0.081	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Cobalt, Total	12.8		mg/kg	1.68	0.140	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Copper, Total	23.9		mg/kg	0.842	0.217	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Iron, Total	27500		mg/kg	4.21	0.761	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Lead, Total	8.55		mg/kg	4.21	0.226	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Magnesium, Total	8810		mg/kg	8.42	1.30	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Manganese, Total	313		mg/kg	0.842	0.134	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/21/24 01:16	06/24/24 11:45	EPA 7471B	1,7471B	JWN
Nickel, Total	27.2		mg/kg	2.10	0.204	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Potassium, Total	2970		mg/kg	210	12.1	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.68	0.217	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.421	0.238	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Sodium, Total	65.8	J	mg/kg	168	2.65	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Thallium, Total	1.44	J	mg/kg	1.68	0.265	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Vanadium, Total	46.0		mg/kg	0.842	0.171	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM
Zinc, Total	68.6		mg/kg	4.21	0.247	2	06/21/24 00:29	06/22/24 10:38	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-33 Date Collected: 06/17/24 14:10

Client ID: D3_0-0.2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11400		mg/kg	9.41	2.54	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Antimony, Total	0.465	J	mg/kg	4.70	0.358	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Arsenic, Total	15.7		mg/kg	0.941	0.196	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Barium, Total	54.8		mg/kg	0.941	0.164	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.365	J	mg/kg	0.470	0.031	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.212	J	mg/kg	0.941	0.092	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Calcium, Total	657		mg/kg	9.41	3.29	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Chromium, Total	30.9		mg/kg	0.941	0.090	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Cobalt, Total	7.60		mg/kg	1.88	0.156	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Copper, Total	16.7		mg/kg	0.941	0.243	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Iron, Total	18600		mg/kg	4.70	0.850	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Lead, Total	49.1		mg/kg	4.70	0.252	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Magnesium, Total	3960		mg/kg	9.41	1.45	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Manganese, Total	247		mg/kg	0.941	0.150	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Mercury, Total	0.113		mg/kg	0.084	0.055	1	06/21/24 01:16	06/24/24 11:55	EPA 7471B	1,7471B	JWN
Nickel, Total	15.9		mg/kg	2.35	0.228	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Potassium, Total	1360		mg/kg	235	13.6	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.88	0.243	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.470	0.266	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Sodium, Total	34.2	J	mg/kg	188	2.96	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Thallium, Total	0.497	J	mg/kg	1.88	0.296	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Vanadium, Total	27.9		mg/kg	0.941	0.191	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM
Zinc, Total	50.0		mg/kg	4.70	0.276	2	06/21/24 00:29	06/22/24 10:42	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-34 Date Collected: 06/17/24 14:15

Client ID: D3_0.2-2 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14100		mg/kg	8.64	2.33	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Antimony, Total	0.518	J	mg/kg	4.32	0.328	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Arsenic, Total	1.44		mg/kg	0.864	0.180	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Barium, Total	142		mg/kg	0.864	0.150	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.262	J	mg/kg	0.432	0.029	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.092	J	mg/kg	0.864	0.085	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Calcium, Total	491		mg/kg	8.64	3.02	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Chromium, Total	27.8		mg/kg	0.864	0.083	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Cobalt, Total	15.5		mg/kg	1.73	0.143	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Copper, Total	27.4		mg/kg	0.864	0.223	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Iron, Total	26400		mg/kg	4.32	0.780	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Lead, Total	5.06		mg/kg	4.32	0.231	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Magnesium, Total	6120		mg/kg	8.64	1.33	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Manganese, Total	183		mg/kg	0.864	0.137	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.070	0.046	1	06/21/24 01:16	06/24/24 11:58	EPA 7471B	1,7471B	JWN
Nickel, Total	25.8		mg/kg	2.16	0.209	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Potassium, Total	5870		mg/kg	216	12.4	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.73	0.223	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.432	0.244	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Sodium, Total	133	J	mg/kg	173	2.72	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Thallium, Total	1.12	J	mg/kg	1.73	0.272	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Vanadium, Total	36.2		mg/kg	0.864	0.175	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM
Zinc, Total	50.6		mg/kg	4.32	0.253	2	06/21/24 00:29	06/22/24 10:46	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-37 Date Collected: 06/17/24 09:30

Client ID: FB_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Barium, Total	0.00090		mg/l	0.00050	0.00017	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/24 12:41	06/24/24 15:29	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/20/24 21:39	06/23/24 13:54	EPA 3005A	1,6020B	WKP

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-38 Date Collected: 06/17/24 12:00

Client ID: DUP_06172024 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16600		mg/kg	9.04	2.44	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Antimony, Total	0.763	J	mg/kg	4.52	0.343	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Arsenic, Total	18.1		mg/kg	0.904	0.188	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Barium, Total	89.2		mg/kg	0.904	0.157	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.665		mg/kg	0.452	0.030	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.381	J	mg/kg	0.904	0.089	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Calcium, Total	499		mg/kg	9.04	3.16	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Chromium, Total	23.6		mg/kg	0.904	0.087	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Cobalt, Total	8.45		mg/kg	1.81	0.150	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Copper, Total	24.2		mg/kg	0.904	0.233	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Iron, Total	20100		mg/kg	4.52	0.816	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Lead, Total	86.6		mg/kg	4.52	0.242	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Magnesium, Total	3670		mg/kg	9.04	1.39	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Manganese, Total	649		mg/kg	0.904	0.144	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Mercury, Total	0.318		mg/kg	0.084	0.055	1	06/21/24 01:16	06/24/24 12:01	EPA 7471B	1,7471B	JWN
Nickel, Total	17.8		mg/kg	2.26	0.219	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Potassium, Total	970		mg/kg	226	13.0	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Selenium, Total	0.730	J	mg/kg	1.81	0.233	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.452	0.256	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Sodium, Total	29.6	J	mg/kg	181	2.85	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Thallium, Total	0.625	J	mg/kg	1.81	0.285	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Vanadium, Total	39.5		mg/kg	0.904	0.183	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM
Zinc, Total	72.7		mg/kg	4.52	0.265	2	06/21/24 00:29	06/22/24 10:50	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 37 Batch: WG1937238-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Arsenic, Total	0.00022	J	mg/l	0.00050	0.00016	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP
Zinc, Total	0.00938	J	mg/l	0.01000	0.00341	1	06/20/24 21:39	06/23/24 13:49	1,6020B	WKP

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34,38 Batch: WG1937289-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434058

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Barium, Total	ND		mg/kg	0.400	0.070	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Copper, Total	ND		mg/kg	0.400	0.103	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Iron, Total	1.13	J	mg/kg	2.00	0.361	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Potassium, Total	ND		mg/kg	100	5.76	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/21/24 00:29	06/22/24 08:53	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34,38 Batch: WG1937290-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/21/24 01:16	06/24/24 10:25	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 37 Batch: WG1938546-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/24 12:41	06/24/24 15:13	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 37 Batch: WG1937238-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	100		-		80-120	-		
Arsenic, Total	103		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	105		-		80-120	-		
Cadmium, Total	108		-		80-120	-		
Calcium, Total	105		-		80-120	-		
Chromium, Total	103		-		80-120	-		
Cobalt, Total	106		-		80-120	-		
Copper, Total	95		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	104		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	104		-		80-120	-		
Nickel, Total	100		-		80-120	-		
Potassium, Total	106		-		80-120	-		
Selenium, Total	94		-		80-120	-		
Silver, Total	108		-		80-120	-		
Sodium, Total	105		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	104		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 37 Batch: WG1937238-2					
Zinc, Total	99	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34,38 Batch: WG1937289-2					
Aluminum, Total	107	-	80-120	-	
Antimony, Total	106	-	80-120	-	
Arsenic, Total	101	-	80-120	-	
Barium, Total	104	-	80-120	-	
Beryllium, Total	105	-	80-120	-	
Cadmium, Total	104	-	80-120	-	
Calcium, Total	102	-	80-120	-	
Chromium, Total	104	-	80-120	-	
Cobalt, Total	105	-	80-120	-	
Copper, Total	105	-	80-120	-	
Iron, Total	105	-	80-120	-	
Lead, Total	102	-	80-120	-	
Magnesium, Total	102	-	80-120	-	
Manganese, Total	103	-	80-120	-	
Nickel, Total	103	-	80-120	-	
Potassium, Total	107	-	80-120	-	
Selenium, Total	104	-	80-120	-	
Silver, Total	107	-	80-120	-	
Sodium, Total	105	-	80-120	-	
Thallium, Total	101	-	80-120	-	
Vanadium, Total	106	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34,38 Batch: WG1937289-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34,38 Batch: WG1937290-2					
Mercury, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 37 Batch: WG1938546-2					
Mercury, Total	89	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 37 QC Batch ID: WG1937238-3 QC Sample: L2434068-01 Client ID: MS Sample												
Aluminum, Total	0.0144	2	2.29	114		-	-		75-125	-		20
Antimony, Total	0.00128J	0.5	0.5584	112		-	-		75-125	-		20
Arsenic, Total	0.00107	0.12	0.1410	117		-	-		75-125	-		20
Barium, Total	0.2955	2	2.459	108		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05539	111		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05974	113		-	-		75-125	-		20
Calcium, Total	276.	10	316	**400**	Q	-	-		75-125	-		20
Chromium, Total	0.00019J	0.2	0.2019	101		-	-		75-125	-		20
Cobalt, Total	0.00121	0.5	0.5416	108		-	-		75-125	-		20
Copper, Total	0.00193	0.25	0.2601	103		-	-		75-125	-		20
Iron, Total	0.0393J	1	1.17	117		-	-		75-125	-		20
Lead, Total	ND	0.53	0.6133	116		-	-		75-125	-		20
Magnesium, Total	124.	10	145	**210**	Q	-	-		75-125	-		20
Manganese, Total	0.1129	0.5	0.6600	109		-	-		75-125	-		20
Nickel, Total	0.01002	0.5	0.5444	107		-	-		75-125	-		20
Potassium, Total	33.8	10	48.6	**148**	Q	-	-		75-125	-		20
Selenium, Total	ND	0.12	0.128	107		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05484	110		-	-		75-125	-		20
Sodium, Total	506.	10	553	**470**	Q	-	-		75-125	-		20
Thallium, Total	0.00014J	0.12	0.1320	110		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.5189	104		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 37 QC Batch ID: WG1937238-3 QC Sample: L2434068-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5090	102	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34,38 QC Batch ID: WG1937289-3 WG1937289-4 QC Sample: L2434058-02 Client ID: D11_0.2-2												
Aluminum, Total	16500	191	17600	**576**	Q	16500	**0**	Q	75-125	6		20
Antimony, Total	1.37J	47.8	39.7	83		34.3	**70**	Q	75-125	15		20
Arsenic, Total	121	11.5	130	78		102	**0**	Q	75-125	**24**	Q	20
Barium, Total	111	191	300	99		292	92		75-125	3		20
Beryllium, Total	0.555	4.78	5.34	100		5.22	95		75-125	2		20
Cadmium, Total	1.00	5.06	5.75	94		5.40	84		75-125	6		20
Calcium, Total	928	955	1850	96		1700	79		75-125	8		20
Chromium, Total	63.9	19.1	79.8	83		68.1	**21**	Q	75-125	16		20
Cobalt, Total	7.58	47.8	53.4	96		51.8	90		75-125	3		20
Copper, Total	19.5	23.9	44.9	106		41.6	90		75-125	8		20
Iron, Total	24200	95.5	25300	**1150**	Q	23400	**0**	Q	75-125	8		20
Lead, Total	130	50.6	177	93		152	**42**	Q	75-125	15		20
Magnesium, Total	3720	955	4770	110		4440	**73**	Q	75-125	7		20
Manganese, Total	501	47.8	496	**0**	Q	511	**20**	Q	75-125	3		20
Nickel, Total	14.4	47.8	59.8	95		56.9	86		75-125	5		20
Potassium, Total	1360	955	2410	110		2390	105		75-125	1		20
Selenium, Total	ND	11.5	12.3	107		11.8	100		75-125	4		20
Silver, Total	0.279J	4.78	5.25	110		4.97	101		75-125	5		20
Sodium, Total	29.8J	955	981	103		951	97		75-125	3		20
Thallium, Total	0.540J	11.5	12.3	107		12.1	103		75-125	2		20
Vanadium, Total	34.5	47.8	83.4	102		78.1	89		75-125	7		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34,38 QC Batch ID: WG1937289-3 WG1937289-4 QC Sample: L2434058-02 Client ID: D11_0.2-2											
Zinc, Total	74.9	47.8	121	96		108	**67**	Q	75-125	11	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33-34,38 QC Batch ID: WG1937290-3 WG1937290-4 QC Sample: L2434058-02 Client ID: D11_0.2-2											
Mercury, Total	1.18	1.67	2.46	**77**	Q	2.51	82		80-120	2	20
Total Metals - Mansfield Lab Associated sample(s): 37 QC Batch ID: WG1938546-3 QC Sample: L2434068-01 Client ID: MS Sample											
Mercury, Total	ND	0.005	0.00459	92		-	-		75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 37 QC Batch ID: WG1937238-4 QC Sample: L2434068-01 Client ID: DUP Sample						
Aluminum, Total	0.0144	0.0166	mg/l	14		20
Antimony, Total	0.00128J	0.00091J	mg/l	NC		20
Arsenic, Total	0.00107	0.00125	mg/l	15		20
Barium, Total	0.2955	0.3184	mg/l	7		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	276.	292	mg/l	6		20
Chromium, Total	0.00019J	ND	mg/l	NC		20
Cobalt, Total	0.00121	0.00132	mg/l	9		20
Copper, Total	0.00193	0.00252	mg/l	**27**	Q	20
Iron, Total	0.0393J	0.0253J	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Manganese, Total	0.1129	0.1212	mg/l	7		20
Nickel, Total	0.01002	0.01082	mg/l	8		20
Potassium, Total	33.8	35.6	mg/l	5		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Thallium, Total	0.00014J	0.00017J	mg/l	NC		20
Vanadium, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 37 QC Batch ID: WG1937238-4 QC Sample: L2434068-01 Client ID: DUP Sample					
Zinc, Total	ND	0.00381J	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 37 QC Batch ID: WG1937238-4 QC Sample: L2434068-01 Client ID: DUP Sample					
Magnesium, Total	124.	127	mg/l	2	20
Sodium, Total	506.	513	mg/l	1	20
Total Metals - Mansfield Lab Associated sample(s): 37 QC Batch ID: WG1938546-4 QC Sample: L2434068-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2434058
Report Date: 06/25/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 37 QC Batch ID: WG1937238-6 QC Sample: L2434068-01 Client ID: DUP Sample						
Barium, Total	0.2955	0.3026	mg/l	2		20
Calcium, Total	276.	298.	mg/l	8		20
Manganese, Total	0.1129	0.1290	mg/l	14		20
Potassium, Total	33.8	35.0	mg/l	4		20
Total Metals - Mansfield Lab Associated sample(s): 37 QC Batch ID: WG1937238-6 QC Sample: L2434068-01 Client ID: DUP Sample						
Magnesium, Total	124.	129.	mg/l	4		20
Sodium, Total	506.	547.	mg/l	8		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-01
Client ID: D11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 09:00
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.0		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.07	0.213	1	06/21/24 10:25	06/23/24 07:47	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-02
Client ID: D11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 09:05
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.3		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/21/24 01:35	06/21/24 12:58	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.996	0.199	1	06/21/24 10:25	06/23/24 07:47	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-05
Client ID: D10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 09:45
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.4		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.01	0.202	1	06/21/24 10:25	06/23/24 07:47	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-06
Client ID: D10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 09:50
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/21/24 01:35	06/21/24 13:32	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.926	0.185	1	06/21/24 10:25	06/23/24 07:47	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-09
Client ID: D9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 10:40
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.3		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.01	0.202	1	06/21/24 10:25	06/23/24 07:47	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-10
Client ID: D9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 10:45
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.99	0.21	1	06/21/24 06:40	06/21/24 13:54	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.867	0.173	1	06/21/24 10:25	06/23/24 07:47	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-13
Client ID: D8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 11:00
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.7		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.07	0.214	1	06/21/24 10:25	06/23/24 07:47	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-14
Client ID: D8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 11:05
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.7		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/21/24 06:40	06/21/24 13:57	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.991	0.198	1	06/21/24 10:25	06/23/24 07:47	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-17
Client ID: D7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 12:05
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.3		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.996	0.199	1	06/21/24 10:25	06/23/24 07:47	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-18
Client ID: D7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 12:10
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.6		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.27	1	06/21/24 06:40	06/21/24 13:58	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.07	0.214	1	06/21/24 10:25	06/23/24 07:47	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-21
Client ID: D6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 12:30
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Chromium, Hexavalent	0.247	J	mg/kg	0.942	0.188	1	06/21/24 10:25	06/23/24 08:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-22
Client ID: D6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 12:35
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/21/24 06:40	06/21/24 13:59	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.897	0.179	1	06/21/24 10:25	06/23/24 08:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-25
Client ID: D5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 13:15
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.9		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.01	0.203	1	06/21/24 10:25	06/23/24 08:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-26
Client ID: D5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 13:20
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/21/24 06:40	06/21/24 14:02	1,9010C/9012B	JER
Chromium, Hexavalent	0.488	J	mg/kg	0.930	0.186	1	06/21/24 10:25	06/23/24 08:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-29
Client ID: D4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 13:50
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Chromium, Hexavalent	0.230	J	mg/kg	0.918	0.184	1	06/21/24 10:25	06/23/24 08:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-30
Client ID: D4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 13:55
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/21/24 06:40	06/21/24 14:03	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.891	0.178	1	06/21/24 10:25	06/23/24 08:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-33
Client ID: D3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 14:10
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	06/19/24 10:47	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.952	0.190	1	06/21/24 10:25	06/23/24 08:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-34
Client ID: D3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 14:15
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	06/19/24 11:02	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	06/21/24 06:40	06/21/24 14:04	1,9010C/9012B	JER
Chromium, Hexavalent	0.270	J	mg/kg	0.866	0.173	1	06/21/24 10:25	06/23/24 08:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-37
Client ID: FB_06172024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Field Blank

Date Collected: 06/17/24 09:30
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/21/24 01:35	06/21/24 13:04	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/19/24 00:05	06/19/24 00:23	1,7196A	AAS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434058-38
Client ID: DUP_06172024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 12:00
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	06/19/24 11:02	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/21/24 06:40	06/21/24 14:05	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.940	0.188	1	06/21/24 10:25	06/23/24 08:18	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434058
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 37 Batch: WG1936134-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/19/24 00:05	06/19/24 00:22	1,7196A	AAS
General Chemistry - Westborough Lab for sample(s): 02,06 Batch: WG1937336-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	06/21/24 01:35	06/21/24 12:29	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 37 Batch: WG1937338-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/21/24 01:35	06/21/24 12:03	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 10,14,18,22,26,30,34,38 Batch: WG1937368-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	06/21/24 06:40	06/21/24 13:50	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1937522-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/21/24 10:25	06/23/24 07:47	1,7196A	DTH
General Chemistry - Westborough Lab for sample(s): 21-22,25-26,29-30,33-34,38 Batch: WG1937523-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/21/24 10:25	06/23/24 08:18	1,7196A	DTH

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 37 Batch: WG1936134-2								
Chromium, Hexavalent	102		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,06 Batch: WG1937336-2 WG1937336-3								
Cyanide, Total	81		87		80-120	5		35
General Chemistry - Westborough Lab Associated sample(s): 37 Batch: WG1937338-2 WG1937338-3								
Cyanide, Total	100		106		85-115	6		20
General Chemistry - Westborough Lab Associated sample(s): 10,14,18,22,26,30,34,38 Batch: WG1937368-2 WG1937368-3								
Cyanide, Total	99		98		80-120	1		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1937522-2								
Chromium, Hexavalent	103		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29-30,33-34,38 Batch: WG1937523-2								
Chromium, Hexavalent	103		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 37 QC Batch ID: WG1936134-4 QC Sample: L2434058-37 Client ID: FB_06172024												
Chromium, Hexavalent	ND	0.1	0.101	101		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,06 QC Batch ID: WG1937336-4 WG1937336-5 QC Sample: L2434058-02 Client ID: D11_0.2-2												
Cyanide, Total	ND	12	11	93		12	100		75-125	7		35
General Chemistry - Westborough Lab Associated sample(s): 37 QC Batch ID: WG1937338-4 WG1937338-5 QC Sample: L2433640-04 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.207	104		0.202	101		80-120	2		20
General Chemistry - Westborough Lab Associated sample(s): 10,14,18,22,26,30,34,38 QC Batch ID: WG1937368-4 WG1937368-5 QC Sample: L2434058-10 Client ID: D9_0.2-2												
Cyanide, Total	ND	10	11	100		10	97		75-125	3		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1937522-4 WG1937522-5 QC Sample: L2434058-02 Client ID: D11_0.2-2												
Chromium, Hexavalent	ND	1480	1350	91		1370	87		75-125	1		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29-30,33-34,38 QC Batch ID: WG1937523-4 QC Sample: L2434058-21 Client ID: D6_0-0.2												
Chromium, Hexavalent	0.247J	1460	1290	89		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434058

Report Date: 06/25/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 37 QC Batch ID: WG1936134-3 QC Sample: L2434058-37 Client ID: FB_06172024						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-30,33 QC Batch ID: WG1936306-1 QC Sample: L2434058-02 Client ID: D11_0.2-2						
Solids, Total	80.3	80.1	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 34,38 QC Batch ID: WG1936307-1 QC Sample: L2433981-01 Client ID: DUP Sample						
Solids, Total	85.6	85.2	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1937522-7 QC Sample: L2434058-02 Client ID: D11_0.2-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29-30,33-34,38 QC Batch ID: WG1937523-6 QC Sample: L2434058-21 Client ID: D6_0-0.2						
Chromium, Hexavalent	0.247J	0.424J	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434058-01A	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-01B	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-01C	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2434058-02A	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-02A1	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-02A2	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-02B	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-02B1	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-02B2	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-02C	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-02C1	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-02C2	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-02D	Plastic 2oz unpreserved for TS	C	NA		2.8	Y	Absent		TS(7)
L2434058-02D1	Plastic 2oz unpreserved for TS	C	NA		2.8	Y	Absent		TS(7)
L2434058-02D2	Plastic 2oz unpreserved for TS	C	NA		2.8	Y	Absent		TS(7)
L2434058-02E	Glass 120ml/4oz unpreserved	C	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434058-02E1	Glass 120ml/4oz unpreserved	C	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-02E2	Glass 120ml/4oz unpreserved	C	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-02F	Glass 500ml/16oz unpreserved	C	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-02F1	Glass 250ml/8oz unpreserved	C	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-02F2	Glass 250ml/8oz unpreserved	C	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-02G	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2434058-02G1	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2434058-02G2	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2434058-02X	Vial MeOH preserved split	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-02X1	Vial MeOH preserved split	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-02X2	Vial MeOH preserved split	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-02Y	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)
L2434058-02Y1	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)
L2434058-02Y2	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)
L2434058-02Z	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)
L2434058-02Z1	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)
L2434058-02Z2	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434058-03A	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-03B	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-03C	Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		HOLD-METAL(180)
L2434058-04A	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-04B	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-04C	Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		HOLD-METAL(180)
L2434058-05A	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-05B	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-05C	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2434058-06A	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-06B	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-06C	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-06D	Plastic 2oz unpreserved for TS	C	NA		2.8	Y	Absent		TS(7)
L2434058-06E	Glass 120ml/4oz unpreserved	C	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-06F	Glass 500ml/16oz unpreserved	C	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-06G	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2434058-06X	Vial MeOH preserved split	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-06Y	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)
L2434058-06Z	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434058-07A	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-07B	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-07C	Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		HOLD-METAL(180)
L2434058-08A	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-08B	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-08C	Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		HOLD-METAL(180)
L2434058-09A	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-09B	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-09C	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2434058-10A	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-10B	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-10C	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-10D	Plastic 2oz unpreserved for TS	C	NA		2.8	Y	Absent		TS(7)
L2434058-10E	Glass 120ml/4oz unpreserved	C	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-10F	Glass 500ml/16oz unpreserved	C	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-10G	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2434058-10X	Vial MeOH preserved split	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-10Y	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)
L2434058-10Z	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434058-11A	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-11B	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-11C	Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		HOLD-METAL(180)
L2434058-12A	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-12B	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-12C	Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		HOLD-METAL(180)
L2434058-13A	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-13B	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-13C	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2434058-14A	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-14B	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-14C	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-14D	Plastic 2oz unpreserved for TS	C	NA		2.8	Y	Absent		TS(7)
L2434058-14E	Glass 120ml/4oz unpreserved	C	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-14F	Glass 500ml/16oz unpreserved	C	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-14G	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2434058-14X	Vial MeOH preserved split	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-14Y	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)
L2434058-14Z	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434058-15A	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-15B	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-15C	Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		HOLD-METAL(180)
L2434058-16A	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-16B	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-16C	Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		HOLD-METAL(180)
L2434058-17A	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-17B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-17C	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2434058-18A	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-18B	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-18C	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-18D	Plastic 2oz unpreserved for TS	C	NA		2.8	Y	Absent		TS(7)
L2434058-18E	Glass 120ml/4oz unpreserved	C	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-18F	Glass 500ml/16oz unpreserved	C	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-18G	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2434058-18X	Vial MeOH preserved split	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-18Y	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)
L2434058-18Z	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434058-19A	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-19B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-19C	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2434058-20A	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-20B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-20C	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2434058-21A	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-21B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-21C	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2434058-22A	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-22B	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-22C	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-22D	Plastic 2oz unpreserved for TS	C	NA		2.8	Y	Absent		TS(7)
L2434058-22E	Glass 120ml/4oz unpreserved	C	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-22F	Glass 500ml/16oz unpreserved	C	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-22G	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2434058-22X	Vial MeOH preserved split	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-22Y	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)
L2434058-22Z	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434058-23A	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-23B	Glass 500ml/16oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-23C	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2434058-24A	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-24B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-24C	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2434058-25A	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-25B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-25C	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2434058-26A	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-26B	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-26C	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-26D	Plastic 2oz unpreserved for TS	C	NA		2.8	Y	Absent		TS(7)
L2434058-26E	Glass 120ml/4oz unpreserved	C	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-26F	Glass 500ml/16oz unpreserved	C	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-26G	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2434058-26X	Vial MeOH preserved split	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-26Y	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)
L2434058-26Z	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434058-27A	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-27B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-27C	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2434058-28A	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-28B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-28C	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2434058-29A	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-29B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-29C	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2434058-30A	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-30B	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-30C	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-30D	Plastic 2oz unpreserved for TS	C	NA		2.8	Y	Absent		TS(7)
L2434058-30E	Glass 120ml/4oz unpreserved	C	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-30F	Glass 500ml/16oz unpreserved	C	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-30G	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2434058-30X	Vial MeOH preserved split	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-30Y	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)
L2434058-30Z	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434058-31A	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-31B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-31C	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2434058-32A	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-32B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-32C	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2434058-33A	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-33B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434058-33C	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2434058-34A	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-34B	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-34C	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-34D	Plastic 2oz unpreserved for TS	C	NA		2.8	Y	Absent		TS(7)
L2434058-34E	Glass 120ml/4oz unpreserved	C	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-34F	Glass 500ml/16oz unpreserved	C	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-34G	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2434058-34X	Vial MeOH preserved split	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-34Y	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)
L2434058-34Z	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434058-35A	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-35B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-35C	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2434058-36A	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-36B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434058-36C	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2434058-37A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2434058-37B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2434058-37C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2434058-37D	Amber 100ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434058-37E	Amber 100ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2434058-37F	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2434058-37G	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2434058-37H	Amber 1000ml unpreserved	A	7	7	2.6	Y	Absent		HERB-APA(7)
L2434058-37I	Amber 1000ml unpreserved	A	7	7	2.6	Y	Absent		HERB-APA(7)
L2434058-37J	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2434058-37K	Amber 120ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2434058-37L	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180)
L2434058-37M	Plastic 500ml unpreserved	A	7	7	2.6	Y	Absent		HEXCR-7196(1)
L2434058-37N	Plastic 250ml NaOH preserved	A	>12	>12	2.6	Y	Absent		TCN-9010(14)
L2434058-37O	Amber 250ml unpreserved	A	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2434058-37P	Amber 250ml unpreserved	A	7	7	2.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2434058-38A	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-38B	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434058
Report Date: 06/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434058-38C	5 gram Encore Sampler	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-38D	Plastic 2oz unpreserved for TS	C	NA		2.8	Y	Absent		TS(7)
L2434058-38E	Glass 120ml/4oz unpreserved	C	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-38F	Glass 500ml/16oz unpreserved	C	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434058-38G	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2434058-38X	Vial MeOH preserved split	C	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2434058-38Y	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)
L2434058-38Z	Vial Water preserved split	C	NA		2.8	Y	Absent	18-JUN-24 14:25	NYTCL-8260HLW(14)
L2434058-39A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2434058-39B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434058
Project Number:	3858.0004Y000	**Report Date:**	06/25/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434058
Project Number:	3858.0004Y000	**Report Date:**	06/25/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434058
Project Number:	3858.0004Y000	**Report Date:**	06/25/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434058
Project Number:	3858.0004Y000	**Report Date:**	06/25/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/18/24

ALPHA Job #: L2431058

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
34058-01	D11-0-0.2	6/17/24	0900	S	EL			X	X	X	X				3
02	D11-0.2-2		0905	S	EL	X	X	X	X	X	X	X	X	MS/MSD	21
03	D11-2-4		0910	S	EL			H	H	H	H			HOLD	3
04	D11-4-6		0915	S	EL			H	H	H	H			HOLD	3
05	D10-0-0.2		0945	S	EL			X	X	X	X				3
06	D10-0.2-2		0950	S	EL	X	X	X	X	X	X	X	X		7
07	D10-2-4		0955	S	EL			H	H	H	H			HOLD	3
08	D10-4-6		1000	S	EL			H	H	H	H			HOLD	3
09	D9-0-0.2		1040	S	EL			X	X	X	X				3
10	D9-0.2-2		1045	S	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/17/24 1500	JT Pace	6/17 15:04
JT Pace	6/17 17:50		6/17/24 18:35
	6/18/24		6/18 2200
	6/18 115		6/18/24 0115

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 4

Date Rec'd in Lab: 6/18/24

ALPHA Job #: L2434059

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
11	D1-2-4	6/17/24	1050	S	EL			H	H	H	H			HOLD	3
12	D1-4-6		1055	S	EL			H	H	H	H			HOLD	3
13	D8-0-0.2		1100	S	EL			X	X	X	X				3
14	D8-0.2-2		1105	S	EL	X	X	X	X	X	X	X	X		7
15	D8-2-4		1110	S	EL			H	H	H	H			HOLD	3
16	D8-4-6		1115	S	EL			H	H	H	H			HOLD	3
17	D7-0-0.2		1205	S	EL			X	X	X	X				3
18	D7-0.2-2		1210	S	EL	X	X	X	X	X	X	X	X		7
19	D7-2-4		1215	S	EL			H	H	H	H			HOLD	
20	D7-4-6		1220	S	EL			H	H	H	H			HOLD	

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/17/24 1500	Pace	6/17 15:04
Pace	6/17 17:50		6/17/24 18:35
	6/18/24		6/17 2300
	6/18		6/18/24 0115

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL LABORATORIES

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 4

Date Rec'd in Lab: 6/18/24

ALPHA Job #: L2434054

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☑ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
34058 21	D6-0-0.2	6/17/24	1230	S	EL			X	X	X	X				3
22	D6-0.2-2		1235	S	EL	X	X	X	X	X	X	X	X		7
23	D6-2-4		1240	S	EL			H	H	H	H			HOLD	3
24	D6-4-6		1245	S	EL			H	H	H	H			HOLD	3
25	D5-0-0.2		1315	S	EL			X	X	X	X				3
26	D5-0.2-2		1320	S	EL	X	X	X	X	X	X	X	X		7
27	D5-2-4		1325	S	EL			H	H	H	H			HOLD	3
28	D5-4-6		1330	S	EL			H	H	H	H			HOLD	3
29	D4-0-0.2		1350	S	EL			X	X	X	X				3
30	D4-0.2-2		1355	S	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/17/24 1500	Pace	6/17 15:04
Pace	6/17 17:50		6/17/24 18:21
ME	6/18 115		6/17 2200
			6/18/24 0115

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 4 of 4

Date Rec'd in Lab: 6/18/24

ALPHA Job #: L2434058

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
34058-31	D4-2-4	6/17/24	1400	S	EL			H	H	H	H			HOLD	3
32	D4-4-6	"	1405	S	EL			H	H	H	H			HOLD	3
33	D3-0-0.2	"	1410	S	EL			X	X	X	X				5
34	D3-0.2-2	"	1415	S	EL	X	X	X	X	X	X	X	X		1
35	D3-2-4	"	1420	S	EL			H	H	H	H			HOLD	3
36	D3-4-6	"	1425	S	EL			H	H	H	H			HOLD	3
37	PB-06172024	"	0930	W	EL	X	X	X	X	X	X	X	X		16
38	DUP-06172024	"	1200	S	EL	X	X	X	X	X	X	X	X		7
39	TB-06172024	6/10/24	—	W	EL	X									2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
	6/17/24 1500	Pace	6/17 15:04
Pace	6/17 17:50		6/17 18:35
	6/17/24		6/17 2200
	6/18 115		6/18/24 0115

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2434335
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/26/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434335
Report Date: 06/26/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2434335-01	E3_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 08:30	06/18/24
L2434335-02	E3_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 08:35	06/18/24
L2434335-03	E3_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 08:40	06/18/24
L2434335-04	E3_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 08:45	06/18/24
L2434335-05	E4_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 10:00	06/18/24
L2434335-06	E4_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 10:05	06/18/24
L2434335-07	E4_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 10:10	06/18/24
L2434335-08	E4_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 10:15	06/18/24
L2434335-09	E6_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 10:35	06/18/24
L2434335-10	E6_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 10:40	06/18/24
L2434335-11	E6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 10:45	06/18/24
L2434335-12	E6_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 10:50	06/18/24
L2434335-13	E7_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 11:05	06/18/24
L2434335-14	E7_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 11:10	06/18/24
L2434335-15	E9_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 12:25	06/18/24
L2434335-16	E9_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 12:30	06/18/24
L2434335-17	E9_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 12:35	06/18/24
L2434335-18	E9_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 12:40	06/18/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2434335-19	E10_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 13:10	06/18/24
L2434335-20	E10_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 13:15	06/18/24
L2434335-21	E10_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 13:20	06/18/24
L2434335-22	E10_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 13:25	06/18/24
L2434335-23	E11_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 13:40	06/18/24
L2434335-24	E11_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 13:45	06/18/24
L2434335-25	E11_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 13:50	06/18/24
L2434335-26	E11_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 13:55	06/18/24
L2434335-27	TB_06182024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 00:00	06/18/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434335
Project Number:	3858.0004Y000	**Report Date:**	06/26/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434335
Project Number:	3858.0004Y000	**Report Date:**	06/26/24

Case Narrative (continued)

Report Submission

June 26, 2024: This final report includes the results of all requested analyses.

June 25, 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2434335-01, -02, -05, -06, -09, -10, -13, -14, -15, -16, -19, -20, -23, and -24: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2434335-09 and -10: The sample has an elevated detection limit for mercury due to the dilution required by the sample matrix.

Hexavalent Chromium

The WG1938326-2 LCS recovery for chromium, hexavalent (74%), associated with L2434335-01, -02, -05, -06, -09, -10, -13, -14, -15, and -16, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1938327-2 LCS recovery for chromium, hexavalent (74%), associated with L2434335-19, -20, -23, and -24, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1938327-4 Insoluble MS recovery for chromium, hexavalent (74%), performed on L2434335-19, is below the acceptance criteria. The Soluble MS recovery for chromium, hexavalent (48%) was also below criteria. This has been attributed to matrix interference. A post-spike was performed with an acceptable recovery of 94%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/26/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-02
Client ID: E3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 08:35
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/22/24 10:58
Analyst: LAC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-02 Date Collected: 06/18/24 08:35

Client ID: E3_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.79	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-02 Date Collected: 06/18/24 08:35

Client ID: E3_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-06 Date Collected: 06/18/24 10:05
Client ID: E4_0.2-2 Date Received: 06/18/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/22/24 11:19
Analyst: LAC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.6	3.5	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.3	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.41	1
Tetrachloroethene	ND		ug/kg	0.76	0.30	1
Chlorobenzene	ND		ug/kg	0.76	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.1	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.39	1
1,1,1-Trichloroethane	ND		ug/kg	0.76	0.26	1
Bromodichloromethane	ND		ug/kg	0.76	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.42	1
cis-1,3-Dichloropropene	ND		ug/kg	0.76	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.76	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.76	0.24	1
Bromoform	ND		ug/kg	6.1	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.76	0.25	1
Benzene	ND		ug/kg	0.76	0.25	1
Toluene	ND		ug/kg	1.5	0.83	1
Ethylbenzene	ND		ug/kg	1.5	0.22	1
Chloromethane	ND		ug/kg	6.1	1.4	1
Bromomethane	ND		ug/kg	3.0	0.89	1
Vinyl chloride	ND		ug/kg	1.5	0.51	1
Chloroethane	ND		ug/kg	3.0	0.69	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-06 Date Collected: 06/18/24 10:05

Client ID: E4_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.76	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.31	1
p/m-Xylene	ND		ug/kg	3.0	0.86	1
o-Xylene	ND		ug/kg	1.5	0.44	1
Xylenes, Total	ND		ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.27	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	3.0	0.36	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.4	1
Carbon disulfide	ND		ug/kg	15	7.0	1
2-Butanone	ND		ug/kg	15	3.4	1
Vinyl acetate	ND		ug/kg	15	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	15	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.43	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.76	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.26	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.29	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.1	0.26	1
Isopropylbenzene	ND		ug/kg	1.5	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.17	1
Naphthalene	ND		ug/kg	6.1	0.99	1
Acrylonitrile	ND		ug/kg	6.1	1.8	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-06 Date Collected: 06/18/24 10:05

Client ID: E4_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.49	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.42	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.51	1
1,4-Dioxane	ND		ug/kg	120	54.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.27	1
p-Ethyltoluene	ND		ug/kg	3.0	0.59	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.29	1
Ethyl ether	ND		ug/kg	3.0	0.52	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.6	2.2	1
Tentatively Identified Compounds						
Total TIC Compounds	19.4	J	ug/kg			1
Unknown Alkane	3.46	J	ug/kg			1
Unknown	15.9	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-10
Client ID: E6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 10:40
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/22/24 11:40
Analyst: LAC
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.6	3.5	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.3	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.76	0.30	1
Chlorobenzene	ND		ug/kg	0.76	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.1	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.39	1
1,1,1-Trichloroethane	ND		ug/kg	0.76	0.25	1
Bromodichloromethane	ND		ug/kg	0.76	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.76	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.76	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.76	0.24	1
Bromoform	ND		ug/kg	6.1	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.76	0.25	1
Benzene	ND		ug/kg	0.76	0.25	1
Toluene	ND		ug/kg	1.5	0.82	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.1	1.4	1
Bromomethane	ND		ug/kg	3.0	0.88	1
Vinyl chloride	ND		ug/kg	1.5	0.51	1
Chloroethane	ND		ug/kg	3.0	0.68	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-10 Date Collected: 06/18/24 10:40

Client ID: E6_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.76	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.85	1
o-Xylene	ND		ug/kg	1.5	0.44	1
Xylenes, Total	ND		ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	3.0	0.36	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.3	1
Carbon disulfide	ND		ug/kg	15	6.9	1
2-Butanone	ND		ug/kg	15	3.4	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.76	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.29	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.1	0.26	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	6.1	0.98	1
Acrylonitrile	ND		ug/kg	6.1	1.7	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-10 Date Collected: 06/18/24 10:40

Client ID: E6_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.49	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.41	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.51	1
1,4-Dioxane	ND		ug/kg	120	53.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.27	1
p-Ethyltoluene	ND		ug/kg	3.0	0.58	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.29	1
Ethyl ether	ND		ug/kg	3.0	0.52	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.6	2.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-14
Client ID: E7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 11:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/22/24 12:01
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.9	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.69	0.27	1
Chlorobenzene	ND		ug/kg	0.69	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.96	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.69	0.23	1
Bromodichloromethane	ND		ug/kg	0.69	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.69	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.69	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.69	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.69	0.23	1
Benzene	ND		ug/kg	0.69	0.23	1
Toluene	ND		ug/kg	1.4	0.75	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.81	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-14 Date Collected: 06/18/24 11:10

Client ID: E7_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.69	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.3	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.69	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.26	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.6	0.90	1
Acrylonitrile	ND		ug/kg	5.6	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-14 Date Collected: 06/18/24 11:10

Client ID: E7_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.46	1
1,4-Dioxane	ND		ug/kg	110	49.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.24	1
p-Ethyltoluene	ND		ug/kg	2.8	0.53	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.26	1
Ethyl ether	ND		ug/kg	2.8	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.9	2.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-16 Date Collected: 06/18/24 12:30
Client ID: E9_0.2-2 Date Received: 06/18/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/22/24 12:22
Analyst: LAC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.91	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.71	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-16 Date Collected: 06/18/24 12:30

Client ID: E9_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.3	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.85	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-16 Date Collected: 06/18/24 12:30

Client ID: E9_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-20 Date Collected: 06/18/24 13:15
Client ID: E10_0.2-2 Date Received: 06/18/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/22/24 12:42
Analyst: LAC
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.67	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.73	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.4	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-20 Date Collected: 06/18/24 13:15

Client ID: E10_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.5	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
Vinyl acetate	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.67	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.3	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.15	1
Naphthalene	ND		ug/kg	5.4	0.87	1
Acrylonitrile	ND		ug/kg	5.4	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-20 Date Collected: 06/18/24 13:15

Client ID: E10_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	1.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-24
Client ID: E11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 13:45
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/22/24 13:03
Analyst: LAC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.9	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.69	0.27	1
Chlorobenzene	ND		ug/kg	0.69	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.96	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.69	0.23	1
Bromodichloromethane	ND		ug/kg	0.69	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.69	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.69	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.69	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.69	0.23	1
Benzene	ND		ug/kg	0.69	0.23	1
Toluene	ND		ug/kg	1.4	0.75	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.8	0.80	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.8	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-24 Date Collected: 06/18/24 13:45

Client ID: E11_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.69	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.3	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.69	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.26	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.5	0.90	1
Acrylonitrile	ND		ug/kg	5.5	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-24 Date Collected: 06/18/24 13:45

Client ID: E11_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.46	1
1,4-Dioxane	ND		ug/kg	110	49.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.24	1
p-Ethyltoluene	ND		ug/kg	2.8	0.53	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.26	1
Ethyl ether	ND		ug/kg	2.8	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.9	2.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-27 Date Collected: 06/10/24 00:00
Client ID: TB_06182024 Date Received: 06/18/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 06/20/24 16:40
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-27 Date Collected: 06/10/24 00:00

Client ID: TB_06182024 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-27 Date Collected: 06/10/24 00:00

Client ID: TB_06182024 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 09:46
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 27 Batch: WG1937421-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 09:46
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 27 Batch: WG1937421-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 09:46
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 27 Batch: WG1937421-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 09:46
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 27 Batch: WG1937421-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	93		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/22/24 09:15
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,16,20,24 Batch: WG1938591-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	0.74	J	ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/22/24 09:15
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,16,20,24 Batch: WG1938591-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/22/24 09:15
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,16,20,24 Batch: WG1938591-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/22/24 09:15
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,16,20,24 Batch: WG1938591-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 27 Batch: WG1937421-3 WG1937421-4								
Methylene chloride	94		100		70-130	6		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	94		98		70-130	4		20
Carbon tetrachloride	100		98		63-132	2		20
1,2-Dichloropropane	110		120		70-130	9		20
Dibromochloromethane	88		100		63-130	13		20
1,1,2-Trichloroethane	94		100		70-130	6		20
Tetrachloroethene	98		100		70-130	2		20
Chlorobenzene	93		100		75-130	7		20
Trichlorofluoromethane	89		88		62-150	1		20
1,2-Dichloroethane	91		100		70-130	9		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	90		98		67-130	9		20
trans-1,3-Dichloropropene	99		110		70-130	11		20
cis-1,3-Dichloropropene	94		100		70-130	6		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	80		94		54-136	16		20
1,1,2,2-Tetrachloroethane	110		130		67-130	17		20
Benzene	100		100		70-130	0		20
Toluene	100		110		70-130	10		20
Ethylbenzene	97		100		70-130	3		20
Chloromethane	94		95		64-130	1		20
Bromomethane	**16**	Q	**22**	Q	39-139	**32**	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 27 Batch: WG1937421-3 WG1937421-4								
Vinyl chloride	83		81		55-140	2		20
Chloroethane	**54**	Q	**53**	Q	55-138	2		20
1,1-Dichloroethene	98		98		61-145	0		20
trans-1,2-Dichloroethene	96		96		70-130	0		20
Trichloroethene	84		85		70-130	1		20
1,2-Dichlorobenzene	94		100		70-130	6		20
1,3-Dichlorobenzene	96		100		70-130	4		20
1,4-Dichlorobenzene	93		100		70-130	7		20
Methyl tert butyl ether	87		100		63-130	14		20
p/m-Xylene	90		95		70-130	5		20
o-Xylene	85		90		70-130	6		20
cis-1,2-Dichloroethene	88		97		70-130	10		20
Dibromomethane	86		96		70-130	11		20
1,2,3-Trichloropropane	96		110		64-130	14		20
Acrylonitrile	110		120		70-130	9		20
Styrene	90		95		70-130	5		20
Dichlorodifluoromethane	77		74		36-147	4		20
Acetone	79		90		58-148	13		20
Carbon disulfide	100		99		51-130	1		20
2-Butanone	100		120		63-138	18		20
Vinyl acetate	**180**	Q	**200**	Q	70-130	11		20
4-Methyl-2-pentanone	97		120		59-130	**21**	Q	20
2-Hexanone	100		120		57-130	18		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434335
Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 27 Batch: WG1937421-3 WG1937421-4								
Bromochloromethane	84		93		70-130	10		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	92		110		70-130	18		20
1,3-Dichloropropane	100		110		70-130	10		20
1,1,1,2-Tetrachloroethane	90		99		64-130	10		20
Bromobenzene	96		100		70-130	4		20
n-Butylbenzene	97		100		53-136	3		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	110		120		70-130	9		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	83		98		41-144	17		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	98		100		70-130	2		20
p-Isopropyltoluene	100		110		70-130	10		20
Naphthalene	74		93		70-130	**23**	Q	20
n-Propylbenzene	110		120		69-130	9		20
1,2,3-Trichlorobenzene	81		96		70-130	17		20
1,2,4-Trichlorobenzene	87		100		70-130	14		20
1,3,5-Trimethylbenzene	100		110		64-130	10		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	70		88		56-162	**23**	Q	20
p-Diethylbenzene	99		100		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 27 Batch: WG1937421-3 WG1937421-4								
p-Ethyltoluene	100		110		70-130	10		20
1,2,4,5-Tetramethylbenzene	84		92		70-130	9		20
Ethyl ether	89		98		59-134	10		20
trans-1,4-Dichloro-2-butene	84		95		70-130	12		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		102		70-130
Toluene-d8	106		107		70-130
4-Bromofluorobenzene	119		118		70-130
Dibromofluoromethane	95		93		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,16,20,24 Batch: WG1938591-3 WG1938591-4								
Methylene chloride	89		88		70-130	1		30
1,1-Dichloroethane	95		93		70-130	2		30
Chloroform	101		99		70-130	2		30
Carbon tetrachloride	97		94		70-130	3		30
1,2-Dichloropropane	106		104		70-130	2		30
Dibromochloromethane	88		90		70-130	2		30
1,1,2-Trichloroethane	93		95		70-130	2		30
Tetrachloroethene	106		100		70-130	6		30
Chlorobenzene	102		99		70-130	3		30
Trichlorofluoromethane	106		103		70-139	3		30
1,2-Dichloroethane	94		97		70-130	3		30
1,1,1-Trichloroethane	99		98		70-130	1		30
Bromodichloromethane	91		92		70-130	1		30
trans-1,3-Dichloropropene	94		98		70-130	4		30
cis-1,3-Dichloropropene	98		97		70-130	1		30
1,1-Dichloropropene	104		102		70-130	2		30
Bromoform	71		82		70-130	14		30
1,1,2,2-Tetrachloroethane	74		90		70-130	20		30
Benzene	105		102		70-130	3		30
Toluene	108		104		70-130	4		30
Ethylbenzene	106		102		70-130	4		30
Chloromethane	**145**	Q	**138**	Q	52-130	5		30
Bromomethane	124		114		57-147	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,16,20,24 Batch: WG1938591-3 WG1938591-4								
Vinyl chloride	114		107		67-130	6		30
Chloroethane	107		103		50-151	4		30
1,1-Dichloroethene	94		91		65-135	3		30
trans-1,2-Dichloroethene	99		94		70-130	5		30
Trichloroethene	100		98		70-130	2		30
1,2-Dichlorobenzene	87		96		70-130	10		30
1,3-Dichlorobenzene	90		97		70-130	7		30
1,4-Dichlorobenzene	88		96		70-130	9		30
Methyl tert butyl ether	82		87		66-130	6		30
p/m-Xylene	106		103		70-130	3		30
o-Xylene	103		100		70-130	3		30
cis-1,2-Dichloroethene	93		80		70-130	15		30
Dibromomethane	87		91		70-130	4		30
Styrene	100		99		70-130	1		30
Dichlorodifluoromethane	122		116		30-146	5		30
Acetone	81		93		54-140	14		30
Carbon disulfide	104		101		59-130	3		30
2-Butanone	82		101		70-130	21		30
Vinyl acetate	79		89		70-130	12		30
4-Methyl-2-pentanone	80		91		70-130	13		30
1,2,3-Trichloropropane	75		92		68-130	20		30
2-Hexanone	76		90		70-130	17		30
Bromochloromethane	95		92		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,16,20,24 Batch: WG1938591-3 WG1938591-4

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
2,2-Dichloropropane	103		96		70-130	7		30
1,2-Dibromoethane	88		93		70-130	6		30
1,3-Dichloropropane	94		99		69-130	5		30
1,1,1,2-Tetrachloroethane	96		94		70-130	2		30
Bromobenzene	89		97		70-130	9		30
n-Butylbenzene	94		100		70-130	6		30
sec-Butylbenzene	95		102		70-130	7		30
tert-Butylbenzene	94		101		70-130	7		30
o-Chlorotoluene	108		116		70-130	7		30
p-Chlorotoluene	93		101		70-130	8		30
1,2-Dibromo-3-chloropropane	108		80		68-130	30		30
Hexachlorobutadiene	87		94		67-130	8		30
Isopropylbenzene	96		102		70-130	6		30
p-Isopropyltoluene	94		99		70-130	5		30
Naphthalene	74		86		70-130	15		30
Acrylonitrile	85		94		70-130	10		30
n-Propylbenzene	97		103		70-130	6		30
1,2,3-Trichlorobenzene	82		93		70-130	13		30
1,2,4-Trichlorobenzene	86		95		70-130	10		30
1,3,5-Trimethylbenzene	96		102		70-130	6		30
1,2,4-Trimethylbenzene	94		100		70-130	6		30
1,4-Dioxane	83		97		65-136	16		30
p-Diethylbenzene	94		100		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,16,20,24 Batch: WG1938591-3 WG1938591-4								
p-Ethyltoluene	96		102		70-130	6		30
1,2,4,5-Tetramethylbenzene	93		98		70-130	5		30
Ethyl ether	81		87		67-130	7		30
trans-1,4-Dichloro-2-butene	73		89		70-130	20		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		101		70-130
Toluene-d8	104		103		70-130
4-Bromofluorobenzene	92		101		70-130
Dibromofluoromethane	98		96		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-02
Client ID: E3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 08:35
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 15:59
Analyst: ALS
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 05:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	42	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-02 Date Collected: 06/18/24 08:35

Client ID: E3_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	28	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	33	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	21	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	24	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	34	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-02 Date Collected: 06/18/24 08:35

Client ID: E3_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
Total TIC Compounds	1220	J	ug/kg			1
Unknown Organic Acid	355	J	ug/kg			1
Unknown	459	J	ug/kg			1
Unknown Organic Acid	408	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	48		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-06
Client ID: E4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 10:05
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 16:17
Analyst: ALS
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 05:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-06 Date Collected: 06/18/24 10:05

Client ID: E4_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	170	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-06 Date Collected: 06/18/24 10:05

Client ID: E4_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1
Tentatively Identified Compounds						
Total TIC Compounds	7280	J	ug/kg			1
Unknown	1400	J	ug/kg			1
Unknown	2720	J	ug/kg			1
Unknown	1090	J	ug/kg			1
Unknown	167	J	ug/kg			1
Unknown	207	J	ug/kg			1
Unknown	412	J	ug/kg			1
Unknown	225	J	ug/kg			1
Unknown	181	J	ug/kg			1
Unknown	205	J	ug/kg			1
Unknown	438	J	ug/kg			1
Unknown	233	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	55		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-10
Client ID: E6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 10:40
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 16:35
Analyst: ALS
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 05:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	26.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	31.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
1,2-Dichlorobenzene	ND		ug/kg	230	41.	1
1,3-Dichlorobenzene	ND		ug/kg	230	40.	1
1,4-Dichlorobenzene	ND		ug/kg	230	40.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	61.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	40.	1
Fluoranthene	74	J	ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	660	210	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	ND		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	36.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	80.	1
Butyl benzyl phthalate	ND		ug/kg	230	58.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	78.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-10 Date Collected: 06/18/24 10:40

Client ID: E6_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	45	J	ug/kg	140	26.	1
Benzo(a)pyrene	ND		ug/kg	180	56.	1
Benzo(b)fluoranthene	61	J	ug/kg	140	39.	1
Benzo(k)fluoranthene	ND		ug/kg	140	37.	1
Chrysene	42	J	ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	36.	1
Anthracene	ND		ug/kg	140	45.	1
Benzo(ghi)perylene	30	J	ug/kg	180	27.	1
Fluorene	ND		ug/kg	230	22.	1
Phenanthrene	ND		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	27.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	32.	1
Pyrene	68	J	ug/kg	140	23.	1
Biphenyl	ND		ug/kg	520	30.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	95.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	ND		ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	210	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	76.	1
2-Nitrophenol	ND		ug/kg	500	86.	1
4-Nitrophenol	ND		ug/kg	320	94.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	600	110	1
Pentachlorophenol	ND		ug/kg	180	51.	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	36.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-10 Date Collected: 06/18/24 10:40

Client ID: E6_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1
Benzoic Acid	ND		ug/kg	740	230	1
Benzyl Alcohol	ND		ug/kg	230	70.	1
Carbazole	ND		ug/kg	230	22.	1
1,4-Dioxane	ND		ug/kg	34	10.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	57		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-14
Client ID: E7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 11:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 16:52
Analyst: ALS
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 05:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-14 Date Collected: 06/18/24 11:10

Client ID: E7_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-14 Date Collected: 06/18/24 11:10

Client ID: E7_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	61		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-16
Client ID: E9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 12:30
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 17:10
Analyst: ALS
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 05:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-16 Date Collected: 06/18/24 12:30

Client ID: E9_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-16 Date Collected: 06/18/24 12:30

Client ID: E9_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1
Tentatively Identified Compounds						
Total TIC Compounds	191	J	ug/kg			1
Unknown Amide	191	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	57		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-20
Client ID: E10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 13:15
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 17:28
Analyst: ALS
Percent Solids: 77%
Extraction Method: EPA 3546
Extraction Date: 06/23/24 05:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	220	21.	1
1,2-Dichlorobenzene	ND		ug/kg	220	39.	1
1,3-Dichlorobenzene	ND		ug/kg	220	37.	1
1,4-Dichlorobenzene	ND		ug/kg	220	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	57.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	75.	1
Butyl benzyl phthalate	ND		ug/kg	220	54.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	73.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-20 Date Collected: 06/18/24 13:15

Client ID: E10_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	45.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	53.	1
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	220	39.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	89.	1
Dibenzofuran	ND		ug/kg	220	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	22.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	71.	1
2-Nitrophenol	ND		ug/kg	460	81.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	220	32.	1
2-Methylphenol	ND		ug/kg	220	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-20 Date Collected: 06/18/24 13:15

Client ID: E10_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	41.	1
Benzoic Acid	ND		ug/kg	700	220	1
Benzyl Alcohol	ND		ug/kg	220	66.	1
Carbazole	ND		ug/kg	220	21.	1
1,4-Dioxane	ND		ug/kg	32	9.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	44		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	42		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-24
Client ID: E11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 13:45
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 17:45
Analyst: ALS
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 05:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-24 Date Collected: 06/18/24 13:45

Client ID: E11_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-24 Date Collected: 06/18/24 13:45

Client ID: E11_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	47		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/24/24 12:45
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/23/24 05:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,16,20,24 Batch: WG1938072-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/24/24 12:45
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/23/24 05:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,16,20,24 Batch: WG1938072-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/24/24 12:45
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/23/24 05:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,16,20,24 Batch: WG1938072-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	62		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,16,20,24 Batch: WG1938072-2 WG1938072-3								
Acenaphthene	56		57		31-137	2		50
1,2,4-Trichlorobenzene	54		58		38-107	7		50
Hexachlorobenzene	59		66		40-140	11		50
Bis(2-chloroethyl)ether	48		51		40-140	6		50
2-Chloronaphthalene	56		61		40-140	9		50
1,2-Dichlorobenzene	51		53		40-140	4		50
1,3-Dichlorobenzene	51		52		40-140	2		50
1,4-Dichlorobenzene	51		53		28-104	4		50
3,3'-Dichlorobenzidine	49		50		40-140	2		50
2,4-Dinitrotoluene	57		64		40-132	12		50
2,6-Dinitrotoluene	56		68		40-140	19		50
Fluoranthene	56		63		40-140	12		50
4-Chlorophenyl phenyl ether	61		65		40-140	6		50
4-Bromophenyl phenyl ether	61		67		40-140	9		50
Bis(2-chloroisopropyl)ether	56		58		40-140	4		50
Bis(2-chloroethoxy)methane	52		57		40-117	9		50
Hexachlorobutadiene	71		71		40-140	0		50
Hexachlorocyclopentadiene	68		73		40-140	7		50
Hexachloroethane	53		55		40-140	4		50
Isophorone	48		54		40-140	12		50
Naphthalene	54		56		40-140	4		50
Nitrobenzene	51		55		40-140	8		50
NDPA/DPA	55		62		36-157	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,16,20,24 Batch: WG1938072-2 WG1938072-3								
n-Nitrosodi-n-propylamine	53		58		32-121	9		50
Bis(2-ethylhexyl)phthalate	57		62		40-140	8		50
Butyl benzyl phthalate	56		69		40-140	21		50
Di-n-butylphthalate	57		65		40-140	13		50
Di-n-octylphthalate	61		66		40-140	8		50
Diethyl phthalate	55		62		40-140	12		50
Dimethyl phthalate	55		67		40-140	20		50
Benzo(a)anthracene	58		60		40-140	3		50
Benzo(a)pyrene	65		62		40-140	5		50
Benzo(b)fluoranthene	62		63		40-140	2		50
Benzo(k)fluoranthene	60		57		40-140	5		50
Chrysene	58		59		40-140	2		50
Acenaphthylene	54		61		40-140	12		50
Anthracene	59		61		40-140	3		50
Benzo(ghi)perylene	65		57		40-140	13		50
Fluorene	55		58		40-140	5		50
Phenanthrene	57		58		40-140	2		50
Dibenzo(a,h)anthracene	62		56		40-140	10		50
Indeno(1,2,3-cd)pyrene	65		58		40-140	11		50
Pyrene	58		63		35-142	8		50
Biphenyl	53		58		37-127	9		50
4-Chloroaniline	**39**	Q	40		40-140	3		50
2-Nitroaniline	58		69		47-134	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,16,20,24 Batch: WG1938072-2 WG1938072-3								
3-Nitroaniline	42		47		26-129	11		50
4-Nitroaniline	54		59		41-125	9		50
Dibenzofuran	56		59		40-140	5		50
2-Methylnaphthalene	56		59		40-140	5		50
1,2,4,5-Tetrachlorobenzene	63		67		40-117	6		50
Acetophenone	51		55		14-144	8		50
2,4,6-Trichlorophenol	63		74		30-130	16		50
p-Chloro-m-cresol	58		65		26-103	11		50
2-Chlorophenol	54		57		25-102	5		50
2,4-Dichlorophenol	54		61		30-130	12		50
2,4-Dimethylphenol	52		58		30-130	11		50
2-Nitrophenol	56		59		30-130	5		50
4-Nitrophenol	56		64		11-114	13		50
2,4-Dinitrophenol	54		61		4-130	12		50
4,6-Dinitro-o-cresol	60		72		10-130	18		50
Pentachlorophenol	56		67		17-109	18		50
Phenol	57		61		26-90	7		50
2-Methylphenol	52		57		30-130.	9		50
3-Methylphenol/4-Methylphenol	50		56		30-130	11		50
2,4,5-Trichlorophenol	65		74		30-130	13		50
Benzoic Acid	41		50		10-110	20		50
Benzyl Alcohol	56		62		40-140	10		50
Carbazole	57		60		54-128	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,16,20,24 Batch: WG1938072-2 WG1938072-3								
1,4-Dioxane	**36**	Q	**36**	Q	40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		56		25-120
Phenol-d6	52		55		10-120
Nitrobenzene-d5	46		48		23-120
2-Fluorobiphenyl	53		56		30-120
2,4,6-Tribromophenol	54		63		10-136
4-Terphenyl-d14	52		59		18-120

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-02
Client ID: E3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 08:35
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/24/24 13:25
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 19:26
Cleanup Method: EPA 3665A
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.4	4.66	1	A
Aroclor 1221	ND		ug/kg	52.4	5.26	1	A
Aroclor 1232	ND		ug/kg	52.4	11.1	1	A
Aroclor 1242	ND		ug/kg	52.4	7.07	1	A
Aroclor 1248	ND		ug/kg	52.4	7.87	1	A
Aroclor 1254	24.2	J	ug/kg	52.4	5.74	1	B
Aroclor 1260	ND		ug/kg	52.4	9.69	1	A
Aroclor 1262	ND		ug/kg	52.4	6.66	1	A
Aroclor 1268	ND		ug/kg	52.4	5.43	1	A
PCBs, Total	24.2	J	ug/kg	52.4	4.66	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	120		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-06
Client ID: E4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 10:05
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/24/24 13:37
Analyst: MEO
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 19:26
Cleanup Method: EPA 3665A
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.6	5.38	1	A
Aroclor 1221	ND		ug/kg	60.6	6.07	1	A
Aroclor 1232	ND		ug/kg	60.6	12.8	1	A
Aroclor 1242	ND		ug/kg	60.6	8.16	1	A
Aroclor 1248	ND		ug/kg	60.6	9.08	1	A
Aroclor 1254	ND		ug/kg	60.6	6.62	1	A
Aroclor 1260	ND		ug/kg	60.6	11.2	1	A
Aroclor 1262	ND		ug/kg	60.6	7.69	1	A
Aroclor 1268	ND		ug/kg	60.6	6.27	1	A
PCBs, Total	ND		ug/kg	60.6	5.38	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-10
Client ID: E6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 10:40
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/24/24 13:48
Analyst: MEO
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 18:49
Cleanup Method: EPA 3665A
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	68.7	6.10	1	A
Aroclor 1221	ND		ug/kg	68.7	6.89	1	A
Aroclor 1232	ND		ug/kg	68.7	14.6	1	A
Aroclor 1242	ND		ug/kg	68.7	9.27	1	A
Aroclor 1248	ND		ug/kg	68.7	10.3	1	A
Aroclor 1254	ND		ug/kg	68.7	7.52	1	A
Aroclor 1260	ND		ug/kg	68.7	12.7	1	A
Aroclor 1262	ND		ug/kg	68.7	8.73	1	A
Aroclor 1268	ND		ug/kg	68.7	7.12	1	A
PCBs, Total	ND		ug/kg	68.7	6.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	116		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-14
Client ID: E7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 11:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/24/24 13:59
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 18:49
Cleanup Method: EPA 3665A
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.4	4.74	1	A
Aroclor 1221	ND		ug/kg	53.4	5.35	1	A
Aroclor 1232	ND		ug/kg	53.4	11.3	1	A
Aroclor 1242	ND		ug/kg	53.4	7.20	1	A
Aroclor 1248	ND		ug/kg	53.4	8.01	1	A
Aroclor 1254	ND		ug/kg	53.4	5.84	1	A
Aroclor 1260	ND		ug/kg	53.4	9.87	1	B
Aroclor 1262	ND		ug/kg	53.4	6.78	1	A
Aroclor 1268	ND		ug/kg	53.4	5.53	1	A
PCBs, Total	ND		ug/kg	53.4	4.74	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	119		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-16
Client ID: E9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 12:30
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/24/24 14:11
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 18:49
Cleanup Method: EPA 3665A
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.7	5.12	1	A
Aroclor 1221	ND		ug/kg	57.7	5.78	1	A
Aroclor 1232	ND		ug/kg	57.7	12.2	1	A
Aroclor 1242	ND		ug/kg	57.7	7.78	1	A
Aroclor 1248	ND		ug/kg	57.7	8.65	1	A
Aroclor 1254	ND		ug/kg	57.7	6.31	1	A
Aroclor 1260	ND		ug/kg	57.7	10.7	1	A
Aroclor 1262	ND		ug/kg	57.7	7.33	1	A
Aroclor 1268	ND		ug/kg	57.7	5.98	1	A
PCBs, Total	ND		ug/kg	57.7	5.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-20
Client ID: E10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 13:15
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/24/24 14:23
Analyst: MEO
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 19:26
Cleanup Method: EPA 3665A
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.9	5.32	1	A
Aroclor 1221	ND		ug/kg	59.9	6.00	1	A
Aroclor 1232	ND		ug/kg	59.9	12.7	1	A
Aroclor 1242	ND		ug/kg	59.9	8.07	1	A
Aroclor 1248	ND		ug/kg	59.9	8.98	1	A
Aroclor 1254	ND		ug/kg	59.9	6.55	1	A
Aroclor 1260	ND		ug/kg	59.9	11.1	1	A
Aroclor 1262	ND		ug/kg	59.9	7.61	1	A
Aroclor 1268	ND		ug/kg	59.9	6.20	1	A
PCBs, Total	ND		ug/kg	59.9	5.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	118		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	126		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-24
Client ID: E11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 13:45
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/24/24 14:34
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 19:26
Cleanup Method: EPA 3665A
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.2	4.99	1	A
Aroclor 1221	ND		ug/kg	56.2	5.63	1	A
Aroclor 1232	ND		ug/kg	56.2	11.9	1	A
Aroclor 1242	ND		ug/kg	56.2	7.58	1	A
Aroclor 1248	ND		ug/kg	56.2	8.43	1	A
Aroclor 1254	ND		ug/kg	56.2	6.15	1	A
Aroclor 1260	ND		ug/kg	56.2	10.4	1	B
Aroclor 1262	ND		ug/kg	56.2	7.14	1	A
Aroclor 1268	ND		ug/kg	56.2	5.82	1	A
PCBs, Total	ND		ug/kg	56.2	4.99	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/24/24 11:07
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/23/24 18:49
Cleanup Method: EPA 3665A
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,06,10,14,16,20,24 Batch: WG1938250-1						
Aroclor 1016	ND		ug/kg	49.0	4.35	A
Aroclor 1221	ND		ug/kg	49.0	4.91	A
Aroclor 1232	ND		ug/kg	49.0	10.4	A
Aroclor 1242	ND		ug/kg	49.0	6.61	A
Aroclor 1248	ND		ug/kg	49.0	7.35	A
Aroclor 1254	ND		ug/kg	49.0	5.36	A
Aroclor 1260	ND		ug/kg	49.0	9.06	A
Aroclor 1262	ND		ug/kg	49.0	6.22	A
Aroclor 1268	ND		ug/kg	49.0	5.08	A
PCBs, Total	ND		ug/kg	49.0	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	109		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,16,20,24 Batch: WG1938250-2 WG1938250-3									
Aroclor 1016	95		94		40-140	1		50	A
Aroclor 1260	86		85		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		103		30-150	A
Decachlorobiphenyl	111		110		30-150	A
2,4,5,6-Tetrachloro-m-xylene	106		105		30-150	B
Decachlorobiphenyl	121		119		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-01
Client ID: E3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 08:30
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 15:06
Analyst: MMG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.381	1	A
Lindane	ND		ug/kg	0.810	0.362	1	A
Alpha-BHC	ND		ug/kg	0.810	0.230	1	A
Beta-BHC	ND		ug/kg	1.94	0.738	1	A
Heptachlor	ND		ug/kg	0.972	0.436	1	A
Aldrin	ND		ug/kg	1.94	0.685	1	A
Heptachlor epoxide	30.3		ug/kg	3.65	1.09	1	B
Endrin	ND		ug/kg	0.810	0.332	1	A
Endrin aldehyde	ND		ug/kg	2.43	0.851	1	A
Endrin ketone	ND		ug/kg	1.94	0.501	1	A
Dieldrin	259		ug/kg	1.22	0.608	1	A
4,4'-DDE	119		ug/kg	1.94	0.450	1	A
4,4'-DDD	ND		ug/kg	1.94	0.694	1	A
4,4'-DDT	21.0		ug/kg	1.94	1.56	1	B
Endosulfan I	ND		ug/kg	1.94	0.460	1	A
Endosulfan II	ND		ug/kg	1.94	0.650	1	A
Endosulfan sulfate	ND		ug/kg	0.810	0.386	1	A
Methoxychlor	ND		ug/kg	3.65	1.13	1	A
Toxaphene	ND		ug/kg	36.5	10.2	1	A
cis-Chlordane	12.2	IP	ug/kg	2.43	0.678	1	B
trans-Chlordane	11.9		ug/kg	2.43	0.642	1	B
Chlordane	104		ug/kg	16.2	6.44	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-01 Date Collected: 06/18/24 08:30

Client ID: E3_0-0.2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-01
Client ID: E3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 08:30
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 13:11
Analyst: MMG
Percent Solids: 81%
Methylation Date: 06/23/24 05:07
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 10:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	205	12.9	1	A
2,4,5-T	ND		ug/kg	205	6.35	1	A
2,4,5-TP (Silvex)	ND		ug/kg	205	5.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	93		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-02
Client ID: E3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 08:35
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 15:19
Analyst: MMG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.746	0.333	1	A
Alpha-BHC	ND		ug/kg	0.746	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.679	1	A
Heptachlor	ND		ug/kg	0.895	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	11.2		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.746	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.783	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	59.1		ug/kg	1.12	0.559	1	A
4,4'-DDE	34.7		ug/kg	1.79	0.414	1	A
4,4'-DDD	0.821	J	ug/kg	1.79	0.638	1	A
4,4'-DDT	6.76		ug/kg	1.79	1.44	1	B
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.746	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.40	1	A
cis-Chlordane	4.91	IP	ug/kg	2.24	0.623	1	B
trans-Chlordane	4.72		ug/kg	2.24	0.591	1	A
Chlordane	25.3	IP	ug/kg	14.9	5.93	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-02 Date Collected: 06/18/24 08:35

Client ID: E3_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-02
Client ID: E3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 08:35
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 13:29
Analyst: MMG
Percent Solids: 88%
Methylation Date: 06/23/24 05:07
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 10:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	189	11.9	1	A
2,4,5-T	ND		ug/kg	189	5.85	1	A
2,4,5-TP (Silvex)	ND		ug/kg	189	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	102		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-05
Client ID: E4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 10:00
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 15:32
Analyst: JAG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.97	0.386	1	A
Lindane	ND		ug/kg	0.822	0.368	1	A
Alpha-BHC	ND		ug/kg	0.822	0.234	1	A
Beta-BHC	ND		ug/kg	1.97	0.748	1	A
Heptachlor	ND		ug/kg	0.987	0.442	1	A
Aldrin	ND		ug/kg	1.97	0.695	1	A
Heptachlor epoxide	19.1		ug/kg	3.70	1.11	1	A
Endrin	ND		ug/kg	0.822	0.337	1	A
Endrin aldehyde	ND		ug/kg	2.47	0.864	1	A
Endrin ketone	ND		ug/kg	1.97	0.508	1	A
Dieldrin	13.0		ug/kg	1.23	0.617	1	A
4,4'-DDD	ND		ug/kg	1.97	0.704	1	A
4,4'-DDT	94.1		ug/kg	1.97	1.59	1	A
Endosulfan I	ND		ug/kg	1.97	0.466	1	A
Endosulfan II	ND		ug/kg	1.97	0.660	1	A
Endosulfan sulfate	ND		ug/kg	0.822	0.391	1	A
Methoxychlor	ND		ug/kg	3.70	1.15	1	A
Toxaphene	ND		ug/kg	37.0	10.4	1	A
cis-Chlordane	5.90	IP	ug/kg	2.47	0.688	1	B
trans-Chlordane	6.13	P	ug/kg	2.47	0.651	1	B
Chlordane	ND		ug/kg	16.4	6.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	111		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-05
Client ID: E4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 10:00
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 13:48
Analyst: MMG
Percent Solids: 79%
Methylation Date: 06/23/24 05:07

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 10:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	210	13.3	1	A
2,4,5-T	ND		ug/kg	210	6.53	1	A
2,4,5-TP (Silvex)	ND		ug/kg	210	5.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	88		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-05 D
Client ID: E4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 10:00
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 18:00
Analyst: JAG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	346		ug/kg	9.87	2.28	5	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-06
Client ID: E4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 10:05
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 15:44
Analyst: JAG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.98	0.388	1	A
Lindane	ND		ug/kg	0.824	0.368	1	A
Alpha-BHC	ND		ug/kg	0.824	0.234	1	A
Beta-BHC	ND		ug/kg	1.98	0.750	1	A
Heptachlor	ND		ug/kg	0.989	0.444	1	A
Aldrin	ND		ug/kg	1.98	0.697	1	A
Heptachlor epoxide	ND	IP	ug/kg	3.71	1.11	1	B
Endrin	ND		ug/kg	0.824	0.338	1	A
Endrin aldehyde	ND		ug/kg	2.47	0.866	1	A
Endrin ketone	ND		ug/kg	1.98	0.510	1	A
Dieldrin	1.37		ug/kg	1.24	0.618	1	A
4,4'-DDE	18.1		ug/kg	1.98	0.458	1	A
4,4'-DDD	ND		ug/kg	1.98	0.706	1	A
4,4'-DDT	7.75		ug/kg	1.98	1.59	1	A
Endosulfan I	ND		ug/kg	1.98	0.467	1	A
Endosulfan II	ND		ug/kg	1.98	0.661	1	A
Endosulfan sulfate	ND		ug/kg	0.824	0.392	1	A
Methoxychlor	ND		ug/kg	3.71	1.15	1	A
Toxaphene	ND		ug/kg	37.1	10.4	1	A
cis-Chlordane	0.705	JIP	ug/kg	2.47	0.689	1	B
trans-Chlordane	0.900	JIP	ug/kg	2.47	0.653	1	B
Chlordane	ND		ug/kg	16.5	6.55	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-06 Date Collected: 06/18/24 10:05

Client ID: E4_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	109		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-06
Client ID: E4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 10:05
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 14:38
Analyst: MMG
Percent Solids: 78%
Methylation Date: 06/23/24 05:07

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 10:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	211	13.3	1	A
2,4,5-T	ND		ug/kg	211	6.55	1	A
2,4,5-TP (Silvex)	ND		ug/kg	211	5.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	96		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-09
Client ID: E6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 10:35
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 15:56
Analyst: JAG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.769	0.344	1	A
Alpha-BHC	ND		ug/kg	0.769	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.699	1	A
Heptachlor	ND		ug/kg	0.922	0.414	1	A
Aldrin	ND		ug/kg	1.84	0.650	1	A
Endrin	ND		ug/kg	0.769	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.807	1	A
Endrin ketone	ND		ug/kg	1.84	0.475	1	A
Dieldrin	140		ug/kg	1.15	0.576	1	A
4,4'-DDD	ND		ug/kg	1.84	0.658	1	A
Endosulfan I	ND		ug/kg	1.84	0.436	1	A
Endosulfan II	ND		ug/kg	1.84	0.616	1	A
Endosulfan sulfate	ND		ug/kg	0.769	0.366	1	A
Methoxychlor	268		ug/kg	3.46	1.08	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	110		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	126		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-09
Client ID: E6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 10:35
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 14:57
Analyst: MMG
Percent Solids: 83%
Methylation Date: 06/23/24 05:07
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 11:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	199	12.6	1	A
2,4,5-T	ND		ug/kg	199	6.18	1	A
2,4,5-TP (Silvex)	ND		ug/kg	199	5.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	108		30-150	A
DCAA	104		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-09 D
Client ID: E6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 10:35
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 18:12
Analyst: JAG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Heptachlor epoxide	160		ug/kg	69.2	20.8	20	A
4,4'-DDE	568		ug/kg	36.9	8.53	20	A
4,4'-DDT	237		ug/kg	36.9	29.7	20	B
Toxaphene	2760		ug/kg	692	194.	20	A
cis-Chlordane	389		ug/kg	46.1	12.8	20	A
trans-Chlordane	388		ug/kg	46.1	12.2	20	B
Chlordane	2640		ug/kg	307	122.	20	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-10
Client ID: E6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 10:40
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 16:09
Analyst: JAG
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.12	0.414	1	A
Lindane	ND		ug/kg	0.882	0.394	1	A
Alpha-BHC	ND		ug/kg	0.882	0.250	1	A
Beta-BHC	ND		ug/kg	2.12	0.802	1	A
Heptachlor	ND		ug/kg	1.06	0.474	1	A
Aldrin	ND		ug/kg	2.12	0.745	1	A
Heptachlor epoxide	273		ug/kg	3.97	1.19	1	B
Endrin	ND		ug/kg	0.882	0.362	1	A
Endrin aldehyde	ND		ug/kg	2.64	0.926	1	A
Endrin ketone	ND		ug/kg	2.12	0.545	1	A
Dieldrin	57.9		ug/kg	1.32	0.661	1	A
4,4'-DDD	ND		ug/kg	2.12	0.755	1	A
4,4'-DDT	230		ug/kg	2.12	1.70	1	A
Endosulfan I	ND		ug/kg	2.12	0.500	1	A
Endosulfan II	ND		ug/kg	2.12	0.707	1	A
Endosulfan sulfate	ND		ug/kg	0.882	0.420	1	A
Methoxychlor	94.4		ug/kg	3.97	1.23	1	A
Toxaphene	2290		ug/kg	39.7	11.1	1	B
cis-Chlordane	229	IP	ug/kg	2.64	0.737	1	B
trans-Chlordane	270		ug/kg	2.64	0.698	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-10
Client ID: E6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 10:40
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 15:15
Analyst: MMG
Percent Solids: 71%
Methylation Date: 06/23/24 05:07

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 11:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	231	14.5	1	A
2,4,5-T	ND		ug/kg	231	7.15	1	A
2,4,5-TP (Silvex)	ND		ug/kg	231	6.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	102		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-10 D
Client ID: E6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 10:40
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 18:24
Analyst: JAG
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	392		ug/kg	10.6	2.45	5	A
Chlordane	1670	IP	ug/kg	88.2	35.0	5	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-13
Client ID: E7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 11:05
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 16:57
Analyst: JAG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.767	0.343	1	A
Alpha-BHC	ND		ug/kg	0.767	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.698	1	A
Heptachlor	ND		ug/kg	0.921	0.413	1	A
Aldrin	ND		ug/kg	1.84	0.648	1	A
Heptachlor epoxide	101		ug/kg	3.45	1.04	1	B
Endrin	ND		ug/kg	0.767	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.806	1	A
Endrin ketone	ND		ug/kg	1.84	0.474	1	A
Dieldrin	170		ug/kg	1.15	0.575	1	A
4,4'-DDE	113		ug/kg	1.84	0.426	1	A
4,4'-DDD	ND		ug/kg	1.84	0.657	1	A
4,4'-DDT	22.6		ug/kg	1.84	1.48	1	B
Endosulfan I	ND		ug/kg	1.84	0.435	1	A
Endosulfan II	ND		ug/kg	1.84	0.615	1	A
Endosulfan sulfate	ND		ug/kg	0.767	0.365	1	A
Methoxychlor	ND		ug/kg	3.45	1.07	1	A
Toxaphene	47.3	IP	ug/kg	34.5	9.67	1	A
cis-Chlordane	36.5	IP	ug/kg	2.30	0.641	1	B
trans-Chlordane	33.0		ug/kg	2.30	0.608	1	B
Chlordane	ND		ug/kg	15.3	6.10	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-13 Date Collected: 06/18/24 11:05

Client ID: E7_0-0.2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-13
Client ID: E7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 11:05
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/23/24 15:34
Analyst: MMG
Percent Solids: 83%
Methylation Date: 06/23/24 05:07
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 11:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	201	12.7	1	A
2,4,5-T	ND		ug/kg	201	6.24	1	A
2,4,5-TP (Silvex)	ND		ug/kg	201	5.35	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-14
Client ID: E7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 11:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 17:10
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.651	1	A
Heptachlor	ND		ug/kg	0.859	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.605	1	A
Heptachlor epoxide	29.0		ug/kg	3.22	0.966	1	B
Endrin	ND		ug/kg	0.716	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.752	1	A
Endrin ketone	ND		ug/kg	1.72	0.442	1	A
Dieldrin	41.3		ug/kg	1.07	0.537	1	B
4,4'-DDE	36.1		ug/kg	1.72	0.397	1	A
4,4'-DDD	ND		ug/kg	1.72	0.613	1	A
4,4'-DDT	7.51		ug/kg	1.72	1.38	1	B
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.574	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	34.7		ug/kg	32.2	9.02	1	A
cis-Chlordane	8.69	IP	ug/kg	2.15	0.598	1	B
trans-Chlordane	11.8		ug/kg	2.15	0.567	1	B
Chlordane	ND		ug/kg	14.3	5.69	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-14 Date Collected: 06/18/24 11:10

Client ID: E7_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	116		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-14
Client ID: E7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 11:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 12:50
Analyst: PEG
Percent Solids: 91%
Methylation Date: 06/24/24 19:11
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.66	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	73		30-150	A
DCAA	68		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-15
Client ID: E9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 12:25
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 17:22
Analyst: JAG
Percent Solids: 64%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.50	0.489	1	A
Lindane	ND		ug/kg	1.04	0.465	1	A
Alpha-BHC	ND		ug/kg	1.04	0.296	1	A
Beta-BHC	ND		ug/kg	2.50	0.947	1	A
Heptachlor	ND		ug/kg	1.25	0.560	1	A
Aldrin	ND		ug/kg	2.50	0.879	1	A
Heptachlor epoxide	ND		ug/kg	4.68	1.40	1	A
Endrin	ND		ug/kg	1.04	0.427	1	A
Endrin aldehyde	ND		ug/kg	3.12	1.09	1	A
Endrin ketone	ND		ug/kg	2.50	0.643	1	A
Dieldrin	ND		ug/kg	1.56	0.780	1	A
4,4'-DDE	87.0		ug/kg	2.50	0.578	1	A
4,4'-DDD	ND		ug/kg	2.50	0.891	1	A
4,4'-DDT	23.8		ug/kg	2.50	2.01	1	B
Endosulfan I	ND		ug/kg	2.50	0.590	1	A
Endosulfan II	ND		ug/kg	2.50	0.834	1	A
Endosulfan sulfate	ND		ug/kg	1.04	0.495	1	A
Methoxychlor	ND		ug/kg	4.68	1.46	1	A
Toxaphene	ND		ug/kg	46.8	13.1	1	A
cis-Chlordane	ND		ug/kg	3.12	0.870	1	A
trans-Chlordane	ND		ug/kg	3.12	0.824	1	A
Chlordane	ND		ug/kg	20.8	8.27	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-15 Date Collected: 06/18/24 12:25

Client ID: E9_0-0.2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-15
Client ID: E9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 12:25
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 13:08
Analyst: PEG
Percent Solids: 64%
Methylation Date: 06/24/24 19:11
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	261	16.4	1	A
2,4,5-T	ND		ug/kg	261	8.08	1	A
2,4,5-TP (Silvex)	ND		ug/kg	261	6.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-16
Client ID: E9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 12:30
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 17:35
Analyst: JAG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.755	0.337	1	A
Alpha-BHC	ND		ug/kg	0.755	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.687	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.755	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.792	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	ND		ug/kg	1.13	0.566	1	A
4,4'-DDE	1.36	J	ug/kg	1.81	0.419	1	B
4,4'-DDD	ND		ug/kg	1.81	0.646	1	A
4,4'-DDT	ND		ug/kg	1.81	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.605	1	A
Endosulfan sulfate	ND		ug/kg	0.755	0.359	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.51	1	A
cis-Chlordane	ND		ug/kg	2.26	0.631	1	A
trans-Chlordane	ND		ug/kg	2.26	0.598	1	A
Chlordane	ND		ug/kg	15.1	6.00	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-16 Date Collected: 06/18/24 12:30

Client ID: E9_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-16
Client ID: E9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 12:30
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 13:26
Analyst: JAG
Percent Solids: 84%
Methylation Date: 06/24/24 19:11

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.3	1	A
2,4,5-T	ND		ug/kg	196	6.06	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	89		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-19
Client ID: E10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 13:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 17:47
Analyst: JAG
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.28	0.447	1	A
Lindane	ND		ug/kg	0.951	0.425	1	A
Alpha-BHC	ND		ug/kg	0.951	0.270	1	A
Beta-BHC	ND		ug/kg	2.28	0.866	1	A
Heptachlor	ND		ug/kg	1.14	0.512	1	A
Aldrin	ND		ug/kg	2.28	0.804	1	A
Heptachlor epoxide	127	IP	ug/kg	4.28	1.28	1	A
Endrin	ND		ug/kg	0.951	0.390	1	A
Endrin aldehyde	ND		ug/kg	2.85	0.999	1	A
Endrin ketone	ND		ug/kg	2.28	0.588	1	A
4,4'-DDD	ND		ug/kg	2.28	0.814	1	A
4,4'-DDT	226		ug/kg	2.28	1.84	1	B
Endosulfan I	ND		ug/kg	2.28	0.539	1	A
Endosulfan II	ND		ug/kg	2.28	0.763	1	A
Endosulfan sulfate	ND		ug/kg	0.951	0.453	1	A
Methoxychlor	ND		ug/kg	4.28	1.33	1	A
Toxaphene	87.1	IP	ug/kg	42.8	12.0	1	A
cis-Chlordane	89.2	IP	ug/kg	2.85	0.795	1	B
trans-Chlordane	82.9	P	ug/kg	2.85	0.753	1	B
Chlordane	672		ug/kg	19.0	7.56	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-19
Client ID: E10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 13:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 13:45
Analyst: JAG
Percent Solids: 66%
Methylation Date: 06/24/24 19:11
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	244	15.4	1	A
2,4,5-T	ND		ug/kg	244	7.57	1	A
2,4,5-TP (Silvex)	ND		ug/kg	244	6.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	81		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-19 D
Client ID: E10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 13:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 18:37
Analyst: JAG
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	525		ug/kg	7.14	3.57	5	B
4,4'-DDE	363		ug/kg	11.4	2.64	5	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-20
Client ID: E10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 13:15
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 18:49
Analyst: JAG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 06/24/24 10:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.02	0.397	1	A
Lindane	ND		ug/kg	0.844	0.377	1	A
Alpha-BHC	ND		ug/kg	0.844	0.240	1	A
Beta-BHC	ND		ug/kg	2.02	0.768	1	A
Heptachlor	ND		ug/kg	1.01	0.454	1	A
Aldrin	ND		ug/kg	2.02	0.713	1	A
Heptachlor epoxide	11.1		ug/kg	3.80	1.14	1	B
Endrin	ND		ug/kg	0.844	0.346	1	A
Endrin aldehyde	ND		ug/kg	2.53	0.886	1	A
Endrin ketone	ND		ug/kg	2.02	0.522	1	A
Dieldrin	22.9		ug/kg	1.26	0.633	1	A
4,4'-DDE	12.9		ug/kg	2.02	0.468	1	A
4,4'-DDD	ND		ug/kg	2.02	0.722	1	A
4,4'-DDT	2.32		ug/kg	2.02	1.63	1	B
Endosulfan I	ND		ug/kg	2.02	0.478	1	A
Endosulfan II	ND		ug/kg	2.02	0.677	1	A
Endosulfan sulfate	ND		ug/kg	0.844	0.402	1	A
Methoxychlor	ND		ug/kg	3.80	1.18	1	A
Toxaphene	38.7		ug/kg	38.0	10.6	1	B
cis-Chlordane	3.34	IP	ug/kg	2.53	0.705	1	B
trans-Chlordane	4.87		ug/kg	2.53	0.668	1	B
Chlordane	ND		ug/kg	16.9	6.71	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-20 Date Collected: 06/18/24 13:15

Client ID: E10_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-20
Client ID: E10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 13:15
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 14:03
Analyst: JAG
Percent Solids: 77%
Methylation Date: 06/24/24 19:11
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	210	13.2	1	A
2,4,5-T	ND		ug/kg	210	6.52	1	A
2,4,5-TP (Silvex)	ND		ug/kg	210	5.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	77		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-23
Client ID: E11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 13:40
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 11:04
Analyst: EJL
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 06/24/24 10:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.379	1	A
Lindane	ND		ug/kg	0.807	0.361	1	A
Alpha-BHC	ND		ug/kg	0.807	0.229	1	A
Beta-BHC	ND		ug/kg	1.94	0.734	1	A
Heptachlor	ND		ug/kg	0.968	0.434	1	A
Aldrin	ND		ug/kg	1.94	0.682	1	A
Heptachlor epoxide	76.8		ug/kg	3.63	1.09	1	B
Endrin	ND		ug/kg	0.807	0.331	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.847	1	A
Endrin ketone	ND		ug/kg	1.94	0.499	1	A
Dieldrin	104		ug/kg	1.21	0.605	1	B
4,4'-DDE	98.7		ug/kg	1.94	0.448	1	B
4,4'-DDD	1.26	JIP	ug/kg	1.94	0.691	1	B
4,4'-DDT	24.6		ug/kg	1.94	1.56	1	A
Endosulfan I	ND		ug/kg	1.94	0.458	1	A
Endosulfan II	ND		ug/kg	1.94	0.647	1	A
Endosulfan sulfate	ND		ug/kg	0.807	0.384	1	A
Methoxychlor	ND		ug/kg	3.63	1.13	1	A
Toxaphene	ND		ug/kg	36.3	10.2	1	A
cis-Chlordane	47.5	IP	ug/kg	2.42	0.675	1	B
trans-Chlordane	34.3		ug/kg	2.42	0.639	1	B
Chlordane	ND		ug/kg	16.1	6.42	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-23 Date Collected: 06/18/24 13:40

Client ID: E11_0-0.2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-23
Client ID: E11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 13:40
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 14:21
Analyst: JAG
Percent Solids: 80%
Methylation Date: 06/24/24 19:11
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	204	12.8	1	A
2,4,5-T	ND		ug/kg	204	6.32	1	A
2,4,5-TP (Silvex)	ND		ug/kg	204	5.43	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-24
Client ID: E11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 13:45
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 11:15
Analyst: EJL
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/24/24 10:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.376	1	A
Lindane	ND		ug/kg	0.801	0.358	1	A
Alpha-BHC	ND		ug/kg	0.801	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.729	1	A
Heptachlor	ND		ug/kg	0.961	0.431	1	A
Aldrin	ND		ug/kg	1.92	0.677	1	A
Heptachlor epoxide	5.30		ug/kg	3.60	1.08	1	A
Endrin	ND		ug/kg	0.801	0.328	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.841	1	A
Endrin ketone	ND		ug/kg	1.92	0.495	1	A
Dieldrin	7.91		ug/kg	1.20	0.601	1	B
4,4'-DDE	26.3		ug/kg	1.92	0.444	1	B
4,4'-DDD	ND		ug/kg	1.92	0.686	1	A
4,4'-DDT	10.3		ug/kg	1.92	1.54	1	A
Endosulfan I	ND		ug/kg	1.92	0.454	1	A
Endosulfan II	ND		ug/kg	1.92	0.642	1	A
Endosulfan sulfate	ND		ug/kg	0.801	0.381	1	A
Methoxychlor	ND		ug/kg	3.60	1.12	1	A
Toxaphene	ND		ug/kg	36.0	10.1	1	A
cis-Chlordane	4.34	IP	ug/kg	2.40	0.670	1	B
trans-Chlordane	5.16		ug/kg	2.40	0.634	1	A
Chlordane	ND		ug/kg	16.0	6.37	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-24 Date Collected: 06/18/24 13:45

Client ID: E11_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434335
Project Number: 3858.0004Y000
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-24
Client ID: E11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/18/24 13:45
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 14:58
Analyst: JAG
Percent Solids: 82%
Methylation Date: 06/24/24 19:11
Extraction Method: EPA 8151A
Extraction Date: 06/22/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	201	12.6	1	A
2,4,5-T	ND		ug/kg	201	6.22	1	A
2,4,5-TP (Silvex)	ND		ug/kg	201	5.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/23/24 10:05
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 10:48

Methylation Date: 06/23/24 05:07

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13 Batch: WG1937960-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.08	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	91		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/25/24 07:03
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 06/22/24 16:12

Methylation Date: 06/24/24 19:11

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 14-16,19-20,23-24 Batch: WG1938029-1						
2,4-D	ND		ug/kg	163	10.3	A
2,4,5-T	ND		ug/kg	163	5.06	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/25/24 12:37
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-16,19 Batch: WG1938236-1						
Delta-BHC	ND		ug/kg	1.59	0.311	A
Lindane	ND		ug/kg	0.661	0.296	A
Alpha-BHC	ND		ug/kg	0.661	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.602	A
Heptachlor	ND		ug/kg	0.794	0.356	A
Aldrin	ND		ug/kg	1.59	0.559	A
Heptachlor epoxide	ND		ug/kg	2.98	0.893	A
Endrin	ND		ug/kg	0.661	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.694	A
Endrin ketone	ND		ug/kg	1.59	0.409	A
Dieldrin	ND		ug/kg	0.992	0.496	A
4,4'-DDE	ND		ug/kg	1.59	0.367	A
4,4'-DDD	ND		ug/kg	1.59	0.566	A
4,4'-DDT	ND		ug/kg	1.59	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.375	A
Endosulfan II	ND		ug/kg	1.59	0.530	A
Endosulfan sulfate	ND		ug/kg	0.661	0.315	A
Methoxychlor	ND		ug/kg	2.98	0.926	A
Toxaphene	ND		ug/kg	29.8	8.33	A
cis-Chlordane	ND		ug/kg	1.98	0.553	A
trans-Chlordane	ND		ug/kg	1.98	0.524	A
Chlordane	ND		ug/kg	13.2	5.26	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/25/24 12:37
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/23/24 16:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-16,19 Batch: WG1938236-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/25/24 09:23
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/24/24 13:55
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 20,23-24 Batch: WG1938496-1						
Delta-BHC	ND		ug/kg	1.59	0.311	A
Lindane	ND		ug/kg	0.662	0.296	A
Alpha-BHC	ND		ug/kg	0.662	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.602	A
Heptachlor	ND		ug/kg	0.794	0.356	A
Aldrin	ND		ug/kg	1.59	0.559	A
Heptachlor epoxide	ND		ug/kg	2.98	0.893	A
Endrin	ND		ug/kg	0.662	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.695	A
Endrin ketone	ND		ug/kg	1.59	0.409	A
Dieldrin	ND		ug/kg	0.993	0.496	A
4,4'-DDE	ND		ug/kg	1.59	0.367	A
4,4'-DDD	ND		ug/kg	1.59	0.566	A
4,4'-DDT	ND		ug/kg	1.59	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.375	A
Endosulfan II	ND		ug/kg	1.59	0.531	A
Endosulfan sulfate	ND		ug/kg	0.662	0.315	A
Methoxychlor	ND		ug/kg	2.98	0.926	A
Toxaphene	ND		ug/kg	29.8	8.34	A
cis-Chlordane	ND		ug/kg	1.98	0.553	A
trans-Chlordane	ND		ug/kg	1.98	0.524	A
Chlordane	ND		ug/kg	13.2	5.26	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/25/24 09:23
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/24/24 13:55
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 20,23-24 Batch: WG1938496-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	63		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13 Batch: WG1937960-2 WG1937960-3									
2,4-D	102		88		30-150	15		30	A
2,4,5-T	117		101		30-150	15		30	A
2,4,5-TP (Silvex)	108		99		30-150	9		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	103		92		30-150	A
DCAA	131		116		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 14-16,19-20,23-24 Batch: WG1938029-2 WG1938029-3									
2,4-D	88		108		30-150	20		30	A
2,4,5-T	90		111		30-150	21		30	A
2,4,5-TP (Silvex)	94		115		30-150	20		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	90		111		30-150	A
DCAA	95		116		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-16,19 Batch: WG1938236-2 WG1938236-3									
Delta-BHC	89		82		30-150	8		30	A
Lindane	83		78		30-150	6		30	A
Alpha-BHC	86		80		30-150	7		30	A
Beta-BHC	82		77		30-150	6		30	A
Heptachlor	80		75		30-150	6		30	A
Aldrin	87		80		30-150	8		30	A
Heptachlor epoxide	88		80		30-150	10		30	A
Endrin	96		88		30-150	9		30	A
Endrin aldehyde	85		76		30-150	11		30	A
Endrin ketone	94		84		30-150	11		30	A
Dieldrin	103		94		30-150	9		30	A
4,4'-DDE	96		86		30-150	11		30	A
4,4'-DDD	105		95		30-150	10		30	A
4,4'-DDT	99		90		30-150	10		30	A
Endosulfan I	90		80		30-150	12		30	A
Endosulfan II	97		89		30-150	9		30	A
Endosulfan sulfate	100		89		30-150	12		30	A
Methoxychlor	108		96		30-150	12		30	A
cis-Chlordane	87		79		30-150	10		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-16,19 Batch: WG1938236-2 WG1938236-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		64		30-150	A
Decachlorobiphenyl	83		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		71		30-150	B
Decachlorobiphenyl	104		86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-16,19 Batch: WG1938236-2 WG1938236-3									
trans-Chlordane	107		97		30-150	10		30	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		64		30-150	A
Decachlorobiphenyl	83		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		71		30-150	B
Decachlorobiphenyl	104		86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 20,23-24 Batch: WG1938496-2 WG1938496-3									
Delta-BHC	62		77		30-150	22		30	A
Lindane	60		74		30-150	21		30	A
Alpha-BHC	62		78		30-150	23		30	A
Beta-BHC	60		74		30-150	21		30	A
Heptachlor	62		75		30-150	19		30	A
Aldrin	61		74		30-150	19		30	A
Heptachlor epoxide	58		68		30-150	16		30	A
Endrin	66		80		30-150	19		30	A
Endrin aldehyde	53		67		30-150	23		30	A
Endrin ketone	63		76		30-150	19		30	A
Dieldrin	69		83		30-150	18		30	A
4,4'-DDE	61		74		30-150	19		30	A
4,4'-DDD	68		82		30-150	19		30	A
4,4'-DDT	67		78		30-150	15		30	A
Endosulfan I	62		73		30-150	16		30	A
Endosulfan II	65		78		30-150	18		30	A
Endosulfan sulfate	54		69		30-150	24		30	A
Methoxychlor	76		88		30-150	15		30	A
cis-Chlordane	60		71		30-150	17		30	A
trans-Chlordane	70		85		30-150	19		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 20,23-24 Batch: WG1938496-2 WG1938496-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		64		30-150	A
Decachlorobiphenyl	57		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		73		30-150	B
Decachlorobiphenyl	56		69		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-01 Date Collected: 06/18/24 08:30

Client ID: E3_0-0.2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13700		mg/kg	9.59	2.59	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.79	0.364	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Arsenic, Total	14.7		mg/kg	0.959	0.199	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Barium, Total	84.4		mg/kg	0.959	0.167	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.483		mg/kg	0.479	0.032	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.362	J	mg/kg	0.959	0.094	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Calcium, Total	2110		mg/kg	9.59	3.36	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Chromium, Total	33.4		mg/kg	0.959	0.092	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.48		mg/kg	1.92	0.159	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Copper, Total	23.5		mg/kg	0.959	0.247	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Iron, Total	20300		mg/kg	4.79	0.866	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Lead, Total	53.7		mg/kg	4.79	0.257	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Magnesium, Total	4750		mg/kg	9.59	1.48	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Manganese, Total	324		mg/kg	0.959	0.152	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Mercury, Total	1.50		mg/kg	0.096	0.063	1	06/24/24 12:52	06/24/24 18:24	EPA 7471B	1,7471B	JWN
Nickel, Total	17.8		mg/kg	2.40	0.232	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Potassium, Total	1710		mg/kg	240	13.8	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.92	0.247	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.479	0.271	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Sodium, Total	42.5	J	mg/kg	192	3.02	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Thallium, Total	0.603	J	mg/kg	1.92	0.302	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Vanadium, Total	32.0		mg/kg	0.959	0.195	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL
Zinc, Total	70.1		mg/kg	4.79	0.281	2	06/24/24 11:43	06/24/24 17:59	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-02 Date Collected: 06/18/24 08:35

Client ID: E3_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14500		mg/kg	9.06	2.44	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.53	0.344	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Arsenic, Total	7.33		mg/kg	0.906	0.188	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Barium, Total	86.0		mg/kg	0.906	0.158	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.445	J	mg/kg	0.453	0.030	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.197	J	mg/kg	0.906	0.089	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Calcium, Total	2320		mg/kg	9.06	3.17	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Chromium, Total	30.3		mg/kg	0.906	0.087	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Cobalt, Total	12.1		mg/kg	1.81	0.150	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Copper, Total	22.4		mg/kg	0.906	0.234	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Iron, Total	21800		mg/kg	4.53	0.818	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Lead, Total	27.6		mg/kg	4.53	0.243	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Magnesium, Total	6190		mg/kg	9.06	1.39	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Manganese, Total	382		mg/kg	0.906	0.144	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Mercury, Total	0.997		mg/kg	0.072	0.047	1	06/24/24 12:52	06/24/24 18:28	EPA 7471B	1,7471B	JWN
Nickel, Total	18.5		mg/kg	2.26	0.219	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Potassium, Total	2520		mg/kg	226	13.0	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.81	0.234	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.453	0.256	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Sodium, Total	52.0	J	mg/kg	181	2.85	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Thallium, Total	0.661	J	mg/kg	1.81	0.285	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Vanadium, Total	32.7		mg/kg	0.906	0.184	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL
Zinc, Total	64.0		mg/kg	4.53	0.265	2	06/24/24 11:43	06/24/24 18:03	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-05 Date Collected: 06/18/24 10:00

Client ID: E4_0-0.2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9060		mg/kg	9.80	2.64	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.90	0.372	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Arsenic, Total	21.7		mg/kg	0.980	0.204	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Barium, Total	63.1		mg/kg	0.980	0.170	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.373	J	mg/kg	0.490	0.032	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.116	J	mg/kg	0.980	0.096	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Calcium, Total	347		mg/kg	9.80	3.43	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Chromium, Total	15.9		mg/kg	0.980	0.094	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.20		mg/kg	1.96	0.163	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Copper, Total	7.76		mg/kg	0.980	0.253	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Iron, Total	10900		mg/kg	4.90	0.885	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Lead, Total	67.2		mg/kg	4.90	0.263	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Magnesium, Total	1630		mg/kg	9.80	1.51	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Manganese, Total	444		mg/kg	0.980	0.156	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Mercury, Total	0.183		mg/kg	0.083	0.054	1	06/24/24 12:52	06/24/24 18:31	EPA 7471B	1,7471B	JWN
Nickel, Total	7.81		mg/kg	2.45	0.237	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Potassium, Total	387		mg/kg	245	14.1	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.96	0.253	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.490	0.277	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Sodium, Total	20.9	J	mg/kg	196	3.09	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.96	0.309	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Vanadium, Total	16.4		mg/kg	0.980	0.199	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL
Zinc, Total	44.0		mg/kg	4.90	0.287	2	06/24/24 11:43	06/24/24 18:06	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-06 Date Collected: 06/18/24 10:05

Client ID: E4_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14600		mg/kg	9.98	2.69	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.99	0.379	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Arsenic, Total	8.74		mg/kg	0.998	0.208	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Barium, Total	117		mg/kg	0.998	0.174	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.492	J	mg/kg	0.499	0.033	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.998	0.098	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Calcium, Total	514		mg/kg	9.98	3.49	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Chromium, Total	20.6		mg/kg	0.998	0.096	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.59		mg/kg	2.00	0.166	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Copper, Total	13.5		mg/kg	0.998	0.257	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Iron, Total	19800		mg/kg	4.99	0.901	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Lead, Total	19.9		mg/kg	4.99	0.267	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Magnesium, Total	2900		mg/kg	9.98	1.54	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Manganese, Total	407		mg/kg	0.998	0.159	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Mercury, Total	0.086		mg/kg	0.081	0.053	1	06/24/24 12:52	06/24/24 18:34	EPA 7471B	1,7471B	JWN
Nickel, Total	13.6		mg/kg	2.50	0.242	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Potassium, Total	465		mg/kg	250	14.4	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	2.00	0.257	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.499	0.282	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Sodium, Total	31.1	J	mg/kg	200	3.14	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Thallium, Total	0.373	J	mg/kg	2.00	0.314	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.4		mg/kg	0.998	0.203	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL
Zinc, Total	38.0		mg/kg	4.99	0.292	2	06/24/24 11:43	06/24/24 18:10	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-09 Date Collected: 06/18/24 10:35

Client ID: E6_0-0.2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8490		mg/kg	9.68	2.61	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.84	0.368	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Arsenic, Total	57.5		mg/kg	0.968	0.201	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Barium, Total	57.9		mg/kg	0.968	0.168	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.325	J	mg/kg	0.484	0.032	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Cadmium, Total	2.43		mg/kg	0.968	0.095	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Calcium, Total	1040		mg/kg	9.68	3.39	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Chromium, Total	50.3		mg/kg	0.968	0.093	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.72		mg/kg	1.94	0.161	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Copper, Total	14.8		mg/kg	0.968	0.250	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Iron, Total	11400		mg/kg	4.84	0.874	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Lead, Total	250		mg/kg	4.84	0.259	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Magnesium, Total	2350		mg/kg	9.68	1.49	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Manganese, Total	295		mg/kg	0.968	0.154	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Mercury, Total	75.9		mg/kg	7.78	5.07	100	06/24/24 12:52	06/24/24 20:13	EPA 7471B	1,7471B	JWN
Nickel, Total	10.4		mg/kg	2.42	0.234	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Potassium, Total	825		mg/kg	242	13.9	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.94	0.250	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Silver, Total	0.340	J	mg/kg	0.484	0.274	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Sodium, Total	23.0	J	mg/kg	194	3.05	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.94	0.305	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Vanadium, Total	18.2		mg/kg	0.968	0.196	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL
Zinc, Total	76.3		mg/kg	4.84	0.284	2	06/24/24 11:43	06/24/24 18:13	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-10 Date Collected: 06/18/24 10:40

Client ID: E6_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13700		mg/kg	10.9	2.95	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	5.47	0.416	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Arsenic, Total	49.7		mg/kg	1.09	0.227	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Barium, Total	103		mg/kg	1.09	0.190	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.509	J	mg/kg	0.547	0.036	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Cadmium, Total	1.05	J	mg/kg	1.09	0.107	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Calcium, Total	999		mg/kg	10.9	3.83	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Chromium, Total	38.0		mg/kg	1.09	0.105	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.36		mg/kg	2.19	0.182	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Copper, Total	15.8		mg/kg	1.09	0.282	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Iron, Total	17700		mg/kg	5.47	0.988	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Lead, Total	104		mg/kg	5.47	0.293	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Magnesium, Total	3550		mg/kg	10.9	1.68	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Manganese, Total	424		mg/kg	1.09	0.174	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Mercury, Total	49.8		mg/kg	11.6	7.59	100	06/24/24 12:52	06/24/24 20:16	EPA 7471B	1,7471B	JWN
Nickel, Total	15.6		mg/kg	2.73	0.265	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Potassium, Total	1400		mg/kg	273	15.7	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	2.19	0.282	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.547	0.310	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Sodium, Total	34.5	J	mg/kg	219	3.44	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Thallium, Total	0.523	J	mg/kg	2.19	0.344	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Vanadium, Total	26.6		mg/kg	1.09	0.222	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL
Zinc, Total	58.1		mg/kg	5.47	0.320	2	06/24/24 11:43	06/24/24 18:17	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-13 Date Collected: 06/18/24 11:05

Client ID: E7_0-0.2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10600		mg/kg	9.66	2.61	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.83	0.367	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Arsenic, Total	60.4		mg/kg	0.966	0.201	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Barium, Total	62.6		mg/kg	0.966	0.168	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.380	J	mg/kg	0.483	0.032	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.479	J	mg/kg	0.966	0.095	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Calcium, Total	465		mg/kg	9.66	3.38	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Chromium, Total	42.1		mg/kg	0.966	0.093	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.07		mg/kg	1.93	0.160	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Copper, Total	15.5		mg/kg	0.966	0.249	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Iron, Total	16100		mg/kg	4.83	0.872	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Lead, Total	70.7		mg/kg	4.83	0.259	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Magnesium, Total	3200		mg/kg	9.66	1.49	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Manganese, Total	248		mg/kg	0.966	0.154	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Mercury, Total	0.442		mg/kg	0.080	0.052	1	06/24/24 12:52	06/24/24 18:50	EPA 7471B	1,7471B	JWN
Nickel, Total	12.8		mg/kg	2.42	0.234	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Potassium, Total	1170		mg/kg	242	13.9	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.93	0.249	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.483	0.273	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Sodium, Total	29.3	J	mg/kg	193	3.04	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Thallium, Total	0.374	J	mg/kg	1.93	0.304	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Vanadium, Total	24.6		mg/kg	0.966	0.196	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL
Zinc, Total	47.3		mg/kg	4.83	0.283	2	06/24/24 11:43	06/24/24 18:20	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-14 Date Collected: 06/18/24 11:10

Client ID: E7_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11800		mg/kg	8.78	2.37	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.39	0.334	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Arsenic, Total	17.5		mg/kg	0.878	0.183	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Barium, Total	103		mg/kg	0.878	0.153	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.270	J	mg/kg	0.439	0.029	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.188	J	mg/kg	0.878	0.086	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Calcium, Total	539		mg/kg	8.78	3.07	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Chromium, Total	29.6		mg/kg	0.878	0.084	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.84		mg/kg	1.76	0.146	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Copper, Total	29.0		mg/kg	0.878	0.227	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Iron, Total	19700		mg/kg	4.39	0.793	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Lead, Total	23.8		mg/kg	4.39	0.235	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Magnesium, Total	4140		mg/kg	8.78	1.35	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Manganese, Total	234		mg/kg	0.878	0.140	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Mercury, Total	0.194		mg/kg	0.082	0.054	1	06/24/24 12:52	06/24/24 19:00	EPA 7471B	1,7471B	JWN
Nickel, Total	14.6		mg/kg	2.20	0.213	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Potassium, Total	3180		mg/kg	220	12.6	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Selenium, Total	0.310	J	mg/kg	1.76	0.227	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.439	0.249	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Sodium, Total	43.8	J	mg/kg	176	2.77	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Thallium, Total	0.658	J	mg/kg	1.76	0.277	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.1		mg/kg	0.878	0.178	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL
Zinc, Total	43.4		mg/kg	4.39	0.257	2	06/24/24 11:43	06/24/24 18:23	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-15 Date Collected: 06/18/24 12:25

Client ID: E9_0-0.2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 64%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15500		mg/kg	12.1	3.27	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	6.05	0.460	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Arsenic, Total	19.7		mg/kg	1.21	0.252	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Barium, Total	96.4		mg/kg	1.21	0.211	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.522	J	mg/kg	0.605	0.040	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	1.21	0.119	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Calcium, Total	346		mg/kg	12.1	4.24	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Chromium, Total	18.9		mg/kg	1.21	0.116	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.07		mg/kg	2.42	0.201	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Copper, Total	11.6		mg/kg	1.21	0.312	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Iron, Total	19000		mg/kg	6.05	1.09	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Lead, Total	39.1		mg/kg	6.05	0.324	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Magnesium, Total	2970		mg/kg	12.1	1.86	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Manganese, Total	419		mg/kg	1.21	0.192	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Mercury, Total	0.077	J	mg/kg	0.113	0.073	1	06/24/24 12:52	06/24/24 19:03	EPA 7471B	1,7471B	JWN
Nickel, Total	12.3		mg/kg	3.03	0.293	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Potassium, Total	573		mg/kg	303	17.4	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	2.42	0.312	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.605	0.342	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Sodium, Total	24.8	J	mg/kg	242	3.81	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	2.42	0.381	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.5		mg/kg	1.21	0.246	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL
Zinc, Total	43.3		mg/kg	6.05	0.355	2	06/24/24 11:43	06/24/24 18:27	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-16 Date Collected: 06/18/24 12:30

Client ID: E9_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14400		mg/kg	9.22	2.49	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.61	0.350	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Arsenic, Total	3.62		mg/kg	0.922	0.192	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Barium, Total	68.9		mg/kg	0.922	0.160	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.382	J	mg/kg	0.461	0.030	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.922	0.090	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Calcium, Total	417		mg/kg	9.22	3.23	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Chromium, Total	19.2		mg/kg	0.922	0.089	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.83		mg/kg	1.84	0.153	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Copper, Total	17.6		mg/kg	0.922	0.238	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Iron, Total	19100		mg/kg	4.61	0.832	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Lead, Total	10.4		mg/kg	4.61	0.247	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Magnesium, Total	3700		mg/kg	9.22	1.42	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Manganese, Total	183		mg/kg	0.922	0.146	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Mercury, Total	0.060	J	mg/kg	0.086	0.056	1	06/24/24 12:52	06/24/24 19:07	EPA 7471B	1,7471B	JWN
Nickel, Total	14.0		mg/kg	2.30	0.223	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Potassium, Total	1420		mg/kg	230	13.3	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.84	0.238	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.461	0.261	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Sodium, Total	34.0	J	mg/kg	184	2.90	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Thallium, Total	0.743	J	mg/kg	1.84	0.290	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Vanadium, Total	29.7		mg/kg	0.922	0.187	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL
Zinc, Total	39.4		mg/kg	4.61	0.270	2	06/24/24 11:43	06/24/24 18:39	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-19 Date Collected: 06/18/24 13:10

Client ID: E10_0-0.2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12300		mg/kg	11.4	3.08	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Antimony, Total	0.751	J	mg/kg	5.71	0.434	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Arsenic, Total	155		mg/kg	1.14	0.238	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Barium, Total	79.5		mg/kg	1.14	0.199	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.502	J	mg/kg	0.571	0.038	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Cadmium, Total	1.60		mg/kg	1.14	0.112	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Calcium, Total	913		mg/kg	11.4	4.00	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Chromium, Total	88.6		mg/kg	1.14	0.110	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.66		mg/kg	2.28	0.190	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Copper, Total	18.7		mg/kg	1.14	0.295	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Iron, Total	15300		mg/kg	5.71	1.03	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Lead, Total	164		mg/kg	5.71	0.306	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Magnesium, Total	2900		mg/kg	11.4	1.76	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Manganese, Total	495		mg/kg	1.14	0.182	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Mercury, Total	1.21		mg/kg	0.114	0.075	1	06/24/24 12:52	06/24/24 19:10	EPA 7471B	1,7471B	JWN
Nickel, Total	12.6		mg/kg	2.86	0.276	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Potassium, Total	734		mg/kg	286	16.4	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Selenium, Total	0.535	J	mg/kg	2.28	0.295	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Silver, Total	0.489	J	mg/kg	0.571	0.323	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Sodium, Total	31.4	J	mg/kg	228	3.60	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	2.28	0.360	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Vanadium, Total	23.9		mg/kg	1.14	0.232	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL
Zinc, Total	74.6		mg/kg	5.71	0.335	2	06/24/24 11:43	06/24/24 18:42	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-20 Date Collected: 06/18/24 13:15

Client ID: E10_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17400		mg/kg	10.0	2.70	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Antimony, Total	0.546	J	mg/kg	5.01	0.381	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Arsenic, Total	14.1		mg/kg	1.00	0.208	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Barium, Total	112		mg/kg	1.00	0.174	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.501		mg/kg	0.501	0.033	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.224	J	mg/kg	1.00	0.098	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Calcium, Total	696		mg/kg	10.0	3.51	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Chromium, Total	25.0		mg/kg	1.00	0.096	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.82		mg/kg	2.00	0.166	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Copper, Total	17.5		mg/kg	1.00	0.258	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Iron, Total	21600		mg/kg	5.01	0.905	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Lead, Total	13.9		mg/kg	5.01	0.268	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Magnesium, Total	4480		mg/kg	10.0	1.54	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Manganese, Total	319		mg/kg	1.00	0.159	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Mercury, Total	0.118		mg/kg	0.091	0.059	1	06/24/24 12:52	06/24/24 19:13	EPA 7471B	1,7471B	JWN
Nickel, Total	15.8		mg/kg	2.50	0.242	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Potassium, Total	1100		mg/kg	250	14.4	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	2.00	0.258	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.501	0.284	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Sodium, Total	28.1	J	mg/kg	200	3.16	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Thallium, Total	0.342	J	mg/kg	2.00	0.316	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Vanadium, Total	31.5		mg/kg	1.00	0.203	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL
Zinc, Total	48.3		mg/kg	5.01	0.294	2	06/24/24 11:43	06/24/24 18:46	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-23 Date Collected: 06/18/24 13:40

Client ID: E11_0-0.2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13500		mg/kg	9.72	2.62	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Antimony, Total	1.35	J	mg/kg	4.86	0.370	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Arsenic, Total	148		mg/kg	0.972	0.202	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Barium, Total	87.6		mg/kg	0.972	0.169	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.612		mg/kg	0.486	0.032	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Cadmium, Total	1.22		mg/kg	0.972	0.095	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Calcium, Total	906		mg/kg	9.72	3.40	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Chromium, Total	69.9		mg/kg	0.972	0.093	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.96		mg/kg	1.94	0.161	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Copper, Total	17.6		mg/kg	0.972	0.251	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Iron, Total	16600		mg/kg	4.86	0.878	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Lead, Total	119		mg/kg	4.86	0.261	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Magnesium, Total	2730		mg/kg	9.72	1.50	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Manganese, Total	497		mg/kg	0.972	0.155	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Mercury, Total	1.13		mg/kg	0.095	0.062	1	06/24/24 12:52	06/24/24 19:16	EPA 7471B	1,7471B	JWN
Nickel, Total	13.2		mg/kg	2.43	0.235	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Potassium, Total	481		mg/kg	243	14.0	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Selenium, Total	0.387	J	mg/kg	1.94	0.251	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Silver, Total	0.412	J	mg/kg	0.486	0.275	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Sodium, Total	23.4	J	mg/kg	194	3.06	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.94	0.306	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.2		mg/kg	0.972	0.197	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL
Zinc, Total	70.7		mg/kg	4.86	0.285	2	06/24/24 11:43	06/24/24 18:49	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-24 Date Collected: 06/18/24 13:45

Client ID: E11_0.2-2 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10500		mg/kg	9.47	2.56	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.74	0.360	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Arsenic, Total	12.0		mg/kg	0.947	0.197	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Barium, Total	54.6		mg/kg	0.947	0.165	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.356	J	mg/kg	0.474	0.031	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.125	J	mg/kg	0.947	0.093	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Calcium, Total	484		mg/kg	9.47	3.32	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Chromium, Total	19.6		mg/kg	0.947	0.091	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.42		mg/kg	1.89	0.157	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Copper, Total	8.06		mg/kg	0.947	0.244	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Iron, Total	15800		mg/kg	4.74	0.856	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Lead, Total	18.4		mg/kg	4.74	0.254	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Magnesium, Total	2610		mg/kg	9.47	1.46	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Manganese, Total	313		mg/kg	0.947	0.151	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Mercury, Total	0.112		mg/kg	0.081	0.053	1	06/24/24 12:52	06/24/24 19:20	EPA 7471B	1,7471B	JWN
Nickel, Total	10.2		mg/kg	2.37	0.229	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Potassium, Total	384		mg/kg	237	13.6	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Selenium, Total	0.372	J	mg/kg	1.89	0.244	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.474	0.268	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Sodium, Total	25.1	J	mg/kg	189	2.98	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.89	0.298	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Vanadium, Total	23.6		mg/kg	0.947	0.192	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL
Zinc, Total	34.6		mg/kg	4.74	0.278	2	06/24/24 11:43	06/24/24 18:53	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434335

Project Number: 3858.0004Y000 **Report Date:** 06/26/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-16,19-20,23-24 Batch: WG1937678-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Iron, Total	1.40	J	mg/kg	2.00	0.361	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/24/24 11:43	06/24/24 17:10	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-16,19-20,23-24 Batch: WG1937679-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/24/24 12:52	06/24/24 17:51	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-16,19-20,23-24 Batch: WG1937678-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	94		-		80-120	-		
Arsenic, Total	95		-		80-120	-		
Barium, Total	101		-		80-120	-		
Beryllium, Total	101		-		80-120	-		
Cadmium, Total	94		-		80-120	-		
Calcium, Total	97		-		80-120	-		
Chromium, Total	96		-		80-120	-		
Cobalt, Total	97		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	101		-		80-120	-		
Lead, Total	96		-		80-120	-		
Magnesium, Total	94		-		80-120	-		
Manganese, Total	97		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	93		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	99		-		80-120	-		
Thallium, Total	98		-		80-120	-		
Vanadium, Total	98		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-16,19-20,23-24 Batch: WG1937678-2					
Zinc, Total	95	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-16,19-20,23-24 Batch: WG1937679-2					
Mercury, Total	100	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434335
Report Date: 06/26/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-16,19-20,23-24 QC Batch ID: WG1937678-3 QC Sample: L2434319-01 Client ID: MS Sample												
Aluminum, Total	6020	172	5680	**0**	Q	-	-		75-125	-		20
Antimony, Total	0.428J	43	35.3	82		-	-		75-125	-		20
Arsenic, Total	2.28	10.3	12.7	101		-	-		75-125	-		20
Barium, Total	36.5	172	200	95		-	-		75-125	-		20
Beryllium, Total	0.277J	4.3	4.38	102		-	-		75-125	-		20
Cadmium, Total	1.17	4.56	7.07	**129**	Q	-	-		75-125	-		20
Calcium, Total	5540	861	6400	100		-	-		75-125	-		20
Chromium, Total	11.6	17.2	26.2	85		-	-		75-125	-		20
Cobalt, Total	4.16	43	42.8	90		-	-		75-125	-		20
Copper, Total	40.3	21.5	104	**296**	Q	-	-		75-125	-		20
Iron, Total	10500	86.1	11600	**1280**	Q	-	-		75-125	-		20
Lead, Total	43.6	45.6	136	**202**	Q	-	-		75-125	-		20
Magnesium, Total	1850	861	2880	120		-	-		75-125	-		20
Manganese, Total	237	43	260	**53**	Q	-	-		75-125	-		20
Nickel, Total	18.2	43	57.4	91		-	-		75-125	-		20
Potassium, Total	486	861	1200	83		-	-		75-125	-		20
Selenium, Total	ND	10.3	9.34	90		-	-		75-125	-		20
Silver, Total	ND	4.3	4.28	99		-	-		75-125	-		20
Sodium, Total	131J	861	998	116		-	-		75-125	-		20
Thallium, Total	ND	10.3	8.89	86		-	-		75-125	-		20
Vanadium, Total	68.6	43	124	**129**	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434335
Report Date: 06/26/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-16,19-20,23-24 QC Batch ID: WG1937678-3 QC Sample: L2434319-01 Client ID: MS Sample										
Zinc, Total	78.5	43	241	**378**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-16,19-20,23-24 QC Batch ID: WG1937679-3 QC Sample: L2434319-01 Client ID: MS Sample										
Mercury, Total	0.105	1.69	1.73	96		-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434335
Report Date: 06/26/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-16,19-20,23-24 QC Batch ID: WG1937678-4 QC Sample: L2434319-01 Client ID: DUP Sample						
Aluminum, Total	6020	4810	mg/kg	**22**	Q	20
Antimony, Total	0.428J	0.477J	mg/kg	NC		20
Arsenic, Total	2.28	2.49	mg/kg	9		20
Barium, Total	36.5	35.4	mg/kg	3		20
Beryllium, Total	0.277J	0.254J	mg/kg	NC		20
Cadmium, Total	1.17	1.56	mg/kg	**29**	Q	20
Calcium, Total	5540	4440	mg/kg	**22**	Q	20
Chromium, Total	11.6	12.2	mg/kg	5		20
Cobalt, Total	4.16	4.07	mg/kg	2		20
Copper, Total	40.3	37.6	mg/kg	7		20
Iron, Total	10500	10100	mg/kg	4		20
Lead, Total	43.6	54.6	mg/kg	**22**	Q	20
Magnesium, Total	1850	1380	mg/kg	**29**	Q	20
Manganese, Total	237	274	mg/kg	14		20
Nickel, Total	18.2	20.1	mg/kg	10		20
Potassium, Total	486	373	mg/kg	**26**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	131J	90.7J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-16,19-20,23-24 QC Batch ID: WG1937678-4 QC Sample: L2434319-01 Client ID: DUP Sample						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	68.6	66.7	mg/kg	3		20
Zinc, Total	78.5	93.8	mg/kg	18		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-16,19-20,23-24 QC Batch ID: WG1937679-4 QC Sample: L2434319-01 Client ID: DUP Sample						
Mercury, Total	0.105	0.072	mg/kg	**37**	Q	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2434335
Report Date: 06/26/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-16,19-20,23-24 QC Batch ID: WG1937678-6 QC Sample: L2434319-01 Client ID: DUP Sample						
Aluminum, Total	6020	6190	mg/kg	3		20
Barium, Total	36.5	37.6	mg/kg	3		20
Calcium, Total	5540	5810	mg/kg	5		20
Copper, Total	40.3	41.6	mg/kg	3		20
Iron, Total	10500	11200	mg/kg	7		20
Magnesium, Total	1850	2000	mg/kg	8		20
Manganese, Total	237	247	mg/kg	4		20
Vanadium, Total	68.6	71.1	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-01
Client ID: E3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 08:30
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	06/19/24 09:55	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.990	0.198	1	06/24/24 08:11	06/24/24 12:53	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-02
Client ID: E3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 08:35
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.7		%	0.100	NA	1	-	06/19/24 09:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/21/24 20:20	06/24/24 17:13	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.912	0.182	1	06/24/24 08:11	06/24/24 12:53	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-05
Client ID: E4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 10:00
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.8		%	0.100	NA	1	-	06/19/24 09:55	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.02	0.203	1	06/24/24 08:11	06/24/24 12:53	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-06
Client ID: E4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 10:05
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.4		%	0.100	NA	1	-	06/19/24 09:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/21/24 20:20	06/24/24 17:14	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.02	0.204	1	06/24/24 08:11	06/24/24 12:53	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-09
Client ID: E6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 10:35
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	06/19/24 09:55	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.968	0.194	1	06/24/24 08:11	06/24/24 12:53	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-10
Client ID: E6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 10:40
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.1		%	0.100	NA	1	-	06/19/24 09:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.4	0.29	1	06/21/24 20:20	06/24/24 17:15	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.12	0.225	1	06/24/24 08:11	06/24/24 12:53	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-13
Client ID: E7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 11:05
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	06/19/24 09:55	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.968	0.194	1	06/24/24 08:11	06/24/24 12:53	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-14
Client ID: E7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 11:10
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	06/19/24 09:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/21/24 20:20	06/24/24 17:16	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.882	0.176	1	06/24/24 08:11	06/24/24 12:53	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-15
Client ID: E9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 12:25
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	63.6		%	0.100	NA	1	-	06/19/24 09:55	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.26	0.252	1	06/24/24 08:11	06/24/24 12:53	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-16
Client ID: E9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 12:30
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	06/19/24 09:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/21/24 20:20	06/24/24 17:17	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.954	0.191	1	06/24/24 08:11	06/24/24 12:53	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-19
Client ID: E10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 13:10
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	66.4		%	0.100	NA	1	-	06/19/24 09:55	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.20	0.241	1	06/24/24 08:11	06/24/24 13:24	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-20
Client ID: E10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 13:15
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.0		%	0.100	NA	1	-	06/19/24 09:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.3	0.27	1	06/21/24 20:20	06/24/24 17:20	1,9010C/9012B	JER
Chromium, Hexavalent	0.260	J	mg/kg	1.04	0.208	1	06/24/24 08:11	06/24/24 13:24	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-23
Client ID: E11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 13:40
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.4		%	0.100	NA	1	-	06/19/24 09:55	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.995	0.199	1	06/24/24 08:11	06/24/24 13:24	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2434335-24
Client ID: E11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 13:45
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	06/19/24 09:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/21/24 20:20	06/24/24 17:21	1,9010C/9012B	JER
Chromium, Hexavalent	0.368	J	mg/kg	0.982	0.196	1	06/24/24 08:11	06/24/24 13:24	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434335
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 02,06,10,14,16,20,24 Batch: WG1937779-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	06/21/24 20:20	06/24/24 17:04	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-02,05-06,09-10,13-16 Batch: WG1938326-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/24/24 08:11	06/24/24 12:53	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 19-20,23-24 Batch: WG1938327-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/24/24 08:11	06/24/24 13:24	1,7196A	RDS

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434335

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,16,20,24 Batch: WG1937779-2 WG1937779-3								
Cyanide, Total	100		104		80-120	4		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-16 Batch: WG1938326-2								
Chromium, Hexavalent	**74**	Q	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 19-20,23-24 Batch: WG1938327-2								
Chromium, Hexavalent	**74**	Q	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434335
Report Date: 06/26/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,16,20,24 QC Batch ID: WG1937779-4 WG1937779-5 QC Sample: L2434319-01 Client ID: MS Sample												
Cyanide, Total	ND	10	11	110		11	110		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-16 QC Batch ID: WG1938326-4 QC Sample: L2434335-10 Client ID: E6_0.2-2												
Chromium, Hexavalent	ND	1600	1430	89		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 19-20,23-24 QC Batch ID: WG1938327-4 QC Sample: L2434335-19 Client ID: E10_0-0.2												
Chromium, Hexavalent	ND	1720	1270	**74**	Q	-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434335
Report Date: 06/26/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-16,19-20,23-24 QC Batch ID: WG1936341-1 QC Sample: L2434335-01 Client ID: E3_0-0.2						
Solids, Total	80.8	76.8	%	5		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-16 QC Batch ID: WG1938326-6 QC Sample: L2434335-10 Client ID: E6_0.2-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 19-20,23-24 QC Batch ID: WG1938327-6 QC Sample: L2434335-19 Client ID: E10_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434335
Report Date: 06/26/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434335-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2434335-01B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434335-01C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434335-02A	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-02B	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-02C	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-02D	Plastic 2oz unpreserved for TS	C	NA		2.5	Y	Absent		TS(7)
L2434335-02E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2434335-02F	Glass 120ml/4oz unpreserved	C	NA		2.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434335-02G	Glass 500ml/16oz unpreserved	C	NA		2.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434335-02X	Vial MeOH preserved split	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-02Y	Vial Water preserved split	C	NA		2.5	Y	Absent	19-JUN-24 11:56	NYTCL-8260HLW(14)
L2434335-02Z	Vial Water preserved split	C	NA		2.5	Y	Absent	19-JUN-24 11:56	NYTCL-8260HLW(14)
L2434335-03A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434335
Report Date: 06/26/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434335-03B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-03C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-04A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-METAL(180)
L2434335-04B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-04C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2434335-05B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434335-05C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434335-06A	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-06B	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-06C	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-06D	Plastic 2oz unpreserved for TS	C	NA		2.5	Y	Absent		TS(7)
L2434335-06E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2434335-06F	Glass 120ml/4oz unpreserved	C	NA		2.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434335-06G	Glass 500ml/16oz unpreserved	C	NA		2.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434335-06X	Vial MeOH preserved split	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-06Y	Vial Water preserved split	C	NA		2.5	Y	Absent	19-JUN-24 11:56	NYTCL-8260HLW(14)
L2434335-06Z	Vial Water preserved split	C	NA		2.5	Y	Absent	19-JUN-24 11:56	NYTCL-8260HLW(14)
L2434335-07A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434335
Report Date: 06/26/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434335-07B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-07C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-08A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-METAL(180)
L2434335-08B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-08C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-09A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2434335-09B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434335-09C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434335-10A	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-10B	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-10C	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-10D	Plastic 2oz unpreserved for TS	C	NA		2.5	Y	Absent		TS(7)
L2434335-10E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2434335-10F	Glass 120ml/4oz unpreserved	C	NA		2.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434335-10G	Glass 500ml/16oz unpreserved	C	NA		2.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434335-10X	Vial MeOH preserved split	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-10Y	Vial Water preserved split	C	NA		2.5	Y	Absent	19-JUN-24 11:56	NYTCL-8260HLW(14)
L2434335-10Z	Vial Water preserved split	C	NA		2.5	Y	Absent	19-JUN-24 11:56	NYTCL-8260HLW(14)
L2434335-11A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434335
Report Date: 06/26/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434335-11B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-11C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-12A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-METAL(180)
L2434335-12B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-12C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-13A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2434335-13B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434335-13C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434335-14A	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-14B	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-14C	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-14D	Plastic 2oz unpreserved for TS	C	NA		2.5	Y	Absent		TS(7)
L2434335-14E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2434335-14F	Glass 120ml/4oz unpreserved	C	NA		2.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434335-14G	Glass 500ml/16oz unpreserved	C	NA		2.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434335-14X	Vial MeOH preserved split	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-14Y	Vial Water preserved split	C	NA		2.5	Y	Absent	19-JUN-24 11:56	NYTCL-8260HLW(14)
L2434335-14Z	Vial Water preserved split	C	NA		2.5	Y	Absent	19-JUN-24 11:56	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434335
Report Date: 06/26/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434335-15A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2434335-15B	Glass 120ml/4oz unpreserved	B	NA		3.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434335-15C	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434335-16A	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-16B	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-16C	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-16D	Plastic 2oz unpreserved for TS	C	NA		2.5	Y	Absent		TS(7)
L2434335-16E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2434335-16F	Glass 120ml/4oz unpreserved	C	NA		2.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434335-16G	Glass 500ml/16oz unpreserved	C	NA		2.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434335-16X	Vial MeOH preserved split	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-16Y	Vial Water preserved split	C	NA		2.5	Y	Absent	19-JUN-24 11:56	NYTCL-8260HLW(14)
L2434335-16Z	Vial Water preserved split	C	NA		2.5	Y	Absent	19-JUN-24 11:56	NYTCL-8260HLW(14)
L2434335-17A	Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L2434335-17B	Glass 120ml/4oz unpreserved	B	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-17C	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-18A	Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L2434335-18B	Glass 120ml/4oz unpreserved	B	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-18C	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434335
Report Date: 06/26/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434335-19A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2434335-19B	Glass 120ml/4oz unpreserved	B	NA		3.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434335-19C	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434335-20A	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-20B	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-20C	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-20D	Plastic 2oz unpreserved for TS	C	NA		2.5	Y	Absent		TS(7)
L2434335-20E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2434335-20F	Glass 120ml/4oz unpreserved	C	NA		2.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434335-20G	Glass 500ml/16oz unpreserved	C	NA		2.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434335-20X	Vial MeOH preserved split	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-20Y	Vial Water preserved split	C	NA		2.5	Y	Absent	19-JUN-24 11:56	NYTCL-8260HLW(14)
L2434335-20Z	Vial Water preserved split	C	NA		2.5	Y	Absent	19-JUN-24 11:56	NYTCL-8260HLW(14)
L2434335-21A	Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L2434335-21B	Glass 120ml/4oz unpreserved	B	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-21C	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-22A	Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L2434335-22B	Glass 120ml/4oz unpreserved	B	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-22C	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434335
Report Date: 06/26/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434335-23A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2434335-23B	Glass 120ml/4oz unpreserved	B	NA		3.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434335-23C	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434335-24A	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-24B	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-24C	5 gram Encore Sampler	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-24D	Plastic 2oz unpreserved for TS	C	NA		2.5	Y	Absent		TS(7)
L2434335-24E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2434335-24F	Glass 120ml/4oz unpreserved	C	NA		2.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434335-24G	Glass 500ml/16oz unpreserved	C	NA		2.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434335-24X	Vial MeOH preserved split	C	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2434335-24Y	Vial Water preserved split	C	NA		2.5	Y	Absent	19-JUN-24 11:56	NYTCL-8260HLW(14)
L2434335-24Z	Vial Water preserved split	C	NA		2.5	Y	Absent	19-JUN-24 11:56	NYTCL-8260HLW(14)
L2434335-25A	Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L2434335-25B	Glass 120ml/4oz unpreserved	B	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-25C	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-26A	Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L2434335-26B	Glass 120ml/4oz unpreserved	B	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-26C	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434335-27A	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434335
Report Date: 06/26/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434335-27B	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434335
Project Number:	3858.0004Y000	**Report Date:**	06/26/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434335
Project Number:	3858.0004Y000	**Report Date:**	06/26/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434335
Project Number:	3858.0004Y000	**Report Date:**	06/26/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434335
Project Number:	3858.0004Y000	**Report Date:**	06/26/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 6/19/24

ALPHA Job #: L2434335

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
54335 -01	E3-0-0.2	6/18/24	0830	S	EL			X	X	X	X				3
-02	E3-0.2-2		0835	S	EL	X	X	X	X	X	X	X	X		7
-03	E3-2-4		0840	S	EL			H	H	H	H			HOLD	3
-04	E3-4-6		0845	S	EL			H	H	H	H			HOLD	3
-05	E4-0-0.2		1000	S	EL			X	X	X	X				3
-06	E4-0.2-2		1005	S	EL	X	X	X	X	X	X	X	X		7
-07	E4-2-4		1010	S	EL			H	H	H	H			HOLD	3
-08	E4-4-6		1015	S	EL			H	H	H	H			HOLD	3
-09	E6-0-0.2		1035	S	EL			X	X	X	X				3
-10	E6-0.2-2		1040	S	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/18/24 1440	Rice	6/18/24 1445
NJSC	6/18/24 1717	NJSC	6/18/24 1717
NJSC	6/18/24		6/18/24 18.50
	6/19 KO		6/18 2200
			6/19/24 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 3

Date Rec'd in Lab: 6/19/24

ALPHA Job #: L2434335

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
34335-11	E6-2-4	6/18/24	1045	S	EL			H	H	H	H			HOLD	3
-12	E6-4-6		1050	S	EL			H	H	H	H			HOLD	3
-13	E7-0-0.2		1105	S	EL			X	X	X	X				3
-14	E7-0.2-2		1110	S	EL	X	X	X	X	X	X	X	X		7
-15	E9-0-0.2		1225	S	EL			X	X	X	X				3
-16	E9-0.2-2		1230	S	EL	X	X	X	X	X	X	X	X		7
-17	E9-2-4		1235	S	EL			H	H	H	H			HOLD	3
-18	E9-4-6		1240	S	EL			H	H	H	H			HOLD	3
-19	E10-0-0.2		1310	S	EL			X	X	X	X				3
-20	E10-0.2-2		1315	S	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/18/24 1440	Pace	6/18/24 1445
NJSC	6/18/24 1717	NJSC	6/18/24 1717
	6/18/24		6/18/24 1825
	6/18/24		6/18 2200
	6/19		6/19/24 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 6/19/24

ALPHA Job #: L2434335

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
34335-21	[redacted] EID-2-4	6/18/24	1320	S	EL			H	H	H	H			HOLD	3
-22	EID-4-6		1325	S	EL			H	H	H	H			HOLD	3
-23	EII-0-0.2			S	EL			X	X	X	X				3
-24	EII-0.2-2			S	EL	X	X	X	X	X	X	X	X		7
-25	EII-2-4			S	EL			H	H	H	H			HOLD	3
-26	EII-4-6			S	EL			H	H	H	H			HOLD	3
-27	TB-06182024	6/18/24	—	W	EL	X									

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/18/24 1440	[redacted] Pace	6/18/24 1445
NJSC	6/18/24 1717	NJSC	6/18/24 1719
	6/18/24		6/18/24 1852
	6/19 140		6/18 2200
			6/19/24 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2434640
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/27/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2434640-01	E12_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 08:50	06/19/24
L2434640-02	E12_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 08:55	06/19/24
L2434640-03	E12_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 09:00	06/19/24
L2434640-04	E12_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 09:05	06/19/24
L2434640-05	E13_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 09:35	06/19/24
L2434640-06	E13_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 09:40	06/19/24
L2434640-07	E13_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 09:45	06/19/24
L2434640-08	E13_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 09:50	06/19/24
L2434640-09	E14_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 10:25	06/19/24
L2434640-10	E14_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 10:30	06/19/24
L2434640-11	E14_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 10:35	06/19/24
L2434640-12	E14_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 10:40	06/19/24
L2434640-13	F15_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 11:35	06/19/24
L2434640-14	F15_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 11:40	06/19/24
L2434640-15	F15_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 11:45	06/19/24
L2434640-16	F15_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 11:50	06/19/24
L2434640-17	F14_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 12:20	06/19/24
L2434640-18	F14_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 12:25	06/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2434640-19	F14_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 12:30	06/19/24
L2434640-20	F14_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 12:35	06/19/24
L2434640-21	F13_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 13:00	06/19/24
L2434640-22	F13_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 13:05	06/19/24
L2434640-23	F13_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 13:10	06/19/24
L2434640-24	F13_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 13:15	06/19/24
L2434640-25	F12_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 13:45	06/19/24
L2434640-26	F12_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 13:50	06/19/24
L2434640-27	F12_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 13:55	06/19/24
L2434640-28	F12_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 14:00	06/19/24
L2434640-29	DUP_06192024	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 12:00	06/19/24
L2434640-30	FB_06192024	FIELD BLANK	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 09:30	06/19/24
L2434640-31	TB_06192024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 00:00	06/19/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434640
Project Number:	3858.0004Y000	**Report Date:**	06/27/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434640
Project Number:	3858.0004Y000	**Report Date:**	06/27/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2434640-16: The collection date and time on the chain of custody was 18-JUN-24 11:50; however, the collection date/time on the container label was 18-JUN-24 11:45. At the client's request, the collection date/time is reported as 19-JUN-24 11:50.

Total Metals

L2434640-01, -02, -05, -06, -09, 10, -13, -14, -17, -18, -21, -22, -25, -26, and -29 : The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1939385 CCV recovery, associated with L2434640-30, was above the acceptance criteria for chromium. Any associated samples with positive detections were re-analyzed under a passing CCV. The samples that were non-detect for this element are reporting results from the original analyses.

The WG1938877-1 Method Blank, associated with L2434640-01, -02, -05, -06, -09, -10, -13, -14, -17, -18, -21, -22, -25, -26, and -29, has a concentration above the reporting limit for iron. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG1938877-3/-4 MS/MSD recoveries for aluminum (595%/761%), arsenic (MSD 245%),chromium (59%/274%), iron (694%/1320%), and manganese (MSD 152%), performed on L2434640-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1938877-3/-4 MS/MSD recoveries, performed on L2434640-01, are outside the acceptance criteria for calcium (MS 546%), lead (149%/154%), magnesium (MSD 136%), potassium (MS 127%), and zinc (MSD 136%). A post digestion spike was performed and was within acceptance criteria.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434640
Project Number:	3858.0004Y000	**Report Date:**	06/27/24

Case Narrative (continued)

The WG1938877-3/-4 MS/MSD RPDs for calcium (100%) and chromium (25%), performed on L2434640-01, are above the acceptance criteria.

Total Mercury

The WG1938878-3/-4 MS/MSD recoveries, performed on L2434640-01, are outside the acceptance criteria for mercury (14%/77%). A post digestion spike was performed and was within acceptance criteria.

The WG1938878-3/-4 MS/MSD RPD for mercury (23%), performed on L2434640-01, is above the acceptance criteria.

Hexavalent Chromium

The WG1938930-4/-5 Insoluble MS/MSD recoveries for chromium, hexavalent (65%), performed on L2434640-01, are outside the acceptance criteria. The Soluble MS recovery for chromium, hexavalent (44%) was also outside criteria. This has been attributed to matrix interference. A post-spike was performed with a recovery of 89%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 06/27/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-02
Client ID: E12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 08:55
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/23/24 22:16
Analyst: AJK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-02 Date Collected: 06/19/24 08:55

Client ID: E12_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	0.60	J	ug/kg	2.2	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	0.60	J	ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.20	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-02 Date Collected: 06/19/24 08:55

Client ID: E12_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	86	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.20	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-06 Date Collected: 06/19/24 09:40
Client ID: E13_0.2-2 Date Received: 06/19/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/23/24 22:43
Analyst: AJK
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-06 Date Collected: 06/19/24 09:40

Client ID: E13_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.25	1
Dichlorodifluoromethane	ND		ug/kg	12	1.2	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.82	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-06 Date Collected: 06/19/24 09:40

Client ID: E13_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-10 Date Collected: 06/19/24 10:30
Client ID: E14_0.2-2 Date Received: 06/19/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/23/24 23:09
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.70	0.28	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.98	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.24	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.70	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.82	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-10 Date Collected: 06/19/24 10:30

Client ID: E14_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.79	1
o-Xylene	ND		ug/kg	1.4	0.41	1
Xylenes, Total	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	9.9	J	ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.70	0.19	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.17	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.6	0.92	1
Acrylonitrile	ND		ug/kg	5.6	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-10 Date Collected: 06/19/24 10:30

Client ID: E14_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	49.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.54	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	2.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	106		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-14
Client ID: F15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 11:40
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/23/24 23:35
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.16	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-14 Date Collected: 06/19/24 11:40

Client ID: F15_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-14 Date Collected: 06/19/24 11:40

Client ID: F15_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	74	33.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-18
Client ID: F14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 12:25
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/24/24 00:01
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-18 Date Collected: 06/19/24 12:25

Client ID: F14_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-18 Date Collected: 06/19/24 12:25

Client ID: F14_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-22
Client ID: F13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 13:05
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/24/24 00:28
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-22 Date Collected: 06/19/24 13:05

Client ID: F13_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	110		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	23		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-22 Date Collected: 06/19/24 13:05

Client ID: F13_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	93	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Tentatively Identified Compounds						
Total TIC Compounds	29.2	J	ug/kg			1
Ethane, 1,1-Difluoro-	29.2	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-26
Client ID: F12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 13:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/24/24 00:54
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-26 Date Collected: 06/19/24 13:50

Client ID: F12_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.7	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.0	0.82	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-26 Date Collected: 06/19/24 13:50

Client ID: F12_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1
Tentatively Identified Compounds						
Total TIC Compounds	29.4	J	ug/kg			1
Ethane, 1,1-Difluoro-	29.4	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-31 Date Collected: 06/10/24 00:00

Client ID: TB_06192024 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Trip Blank (Aqueous)

Analytical Method: 1,8260D

Analytical Date: 06/20/24 13:26

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-31 Date Collected: 06/10/24 00:00

Client ID: TB_06192024 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-31 Date Collected: 06/10/24 00:00

Client ID: TB_06192024 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	109		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 10:48
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG1938078-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 10:48
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG1938078-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 10:48
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG1938078-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 10:48
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG1938078-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/23/24 18:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1938616-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/23/24 18:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1938616-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	0.61	J	ug/kg	2.0	0.56
o-Xylene	0.58	J	ug/kg	1.0	0.29
Xylenes, Total	1.2	J	ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.76	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/23/24 18:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1938616-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/23/24 18:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1938616-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1938078-3 WG1938078-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	120		120		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	120		120		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	100		110		70-130	10		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	96		97		54-136	1		20
1,1,2,2-Tetrachloroethane	120		130		67-130	8		20
Benzene	110		110		70-130	0		20
Toluene	110		120		70-130	9		20
Ethylbenzene	110		120		70-130	9		20
Chloromethane	91		90		64-130	1		20
Bromomethane	47		55		39-139	16		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1938078-3 WG1938078-4								
Vinyl chloride	120		120		55-140	0		20
Chloroethane	110		120		55-138	9		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	91		93		63-130	2		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Dibromomethane	110		110		70-130	0		20
1,2,3-Trichloropropane	120		110		64-130	9		20
Acrylonitrile	96		96		70-130	0		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	94		95		36-147	1		20
Acetone	89		74		58-148	18		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	100		96		63-138	4		20
Vinyl acetate	**170**	Q	**160**	Q	70-130	6		20
4-Methyl-2-pentanone	82		80		59-130	2		20
2-Hexanone	73		71		57-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1938078-3 WG1938078-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	110		110		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	120		120		53-136	0		20
sec-Butylbenzene	120		120		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	120		120		70-130	0		20
p-Chlorotoluene	120		120		70-130	0		20
1,2-Dibromo-3-chloropropane	90		88		41-144	2		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	120		120		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	72		77		70-130	7		20
n-Propylbenzene	120		120		69-130	0		20
1,2,3-Trichlorobenzene	78		83		70-130	6		20
1,2,4-Trichlorobenzene	84		85		70-130	1		20
1,3,5-Trimethylbenzene	120		120		64-130	0		20
1,2,4-Trimethylbenzene	120		120		70-130	0		20
1,4-Dioxane	102		110		56-162	8		20
p-Diethylbenzene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1938078-3 WG1938078-4								
p-Ethyltoluene	120		120		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		98		70-130	2		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	110		100		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	106		105		70-130
Dibromofluoromethane	101		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1938616-3 WG1938616-4								
Methylene chloride	83		83		70-130	0		30
1,1-Dichloroethane	78		78		70-130	0		30
Chloroform	84		84		70-130	0		30
Carbon tetrachloride	83		83		70-130	0		30
1,2-Dichloropropane	85		84		70-130	1		30
Dibromochloromethane	105		105		70-130	0		30
1,1,2-Trichloroethane	92		91		70-130	1		30
Tetrachloroethene	75		75		70-130	0		30
Chlorobenzene	89		90		70-130	1		30
Trichlorofluoromethane	78		78		70-139	0		30
1,2-Dichloroethane	86		85		70-130	1		30
1,1,1-Trichloroethane	84		84		70-130	0		30
Bromodichloromethane	91		90		70-130	1		30
trans-1,3-Dichloropropene	89		89		70-130	0		30
cis-1,3-Dichloropropene	81		80		70-130	1		30
1,1-Dichloropropene	70		70		70-130	0		30
Bromoform	98		97		70-130	1		30
1,1,2,2-Tetrachloroethane	93		89		70-130	4		30
Benzene	82		81		70-130	1		30
Toluene	83		84		70-130	1		30
Ethylbenzene	84		85		70-130	1		30
Chloromethane	75		74		52-130	1		30
Bromomethane	57		**56**	Q	57-147	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1938616-3 WG1938616-4								
Vinyl chloride	**63**	Q	**63**	Q	67-130	0		30
Chloroethane	66		66		50-151	0		30
1,1-Dichloroethene	73		72		65-135	1		30
trans-1,2-Dichloroethene	80		80		70-130	0		30
Trichloroethene	86		87		70-130	1		30
1,2-Dichlorobenzene	90		90		70-130	0		30
1,3-Dichlorobenzene	86		86		70-130	0		30
1,4-Dichlorobenzene	87		86		70-130	1		30
Methyl tert butyl ether	94		93		66-130	1		30
p/m-Xylene	81		82		70-130	1		30
o-Xylene	82		82		70-130	0		30
cis-1,2-Dichloroethene	86		85		70-130	1		30
Dibromomethane	97		95		70-130	2		30
Styrene	84		85		70-130	1		30
Dichlorodifluoromethane	70		70		30-146	0		30
Acetone	110		107		54-140	3		30
Carbon disulfide	72		72		59-130	0		30
2-Butanone	113		112		70-130	1		30
Vinyl acetate	102		94		70-130	8		30
4-Methyl-2-pentanone	96		96		70-130	0		30
1,2,3-Trichloropropane	87		85		68-130	2		30
2-Hexanone	116		114		70-130	2		30
Bromochloromethane	103		102		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1938616-3 WG1938616-4								
2,2-Dichloropropane	76		75		70-130	1		30
1,2-Dibromoethane	104		103		70-130	1		30
1,3-Dichloropropane	93		92		69-130	1		30
1,1,1,2-Tetrachloroethane	92		93		70-130	1		30
Bromobenzene	88		87		70-130	1		30
n-Butylbenzene	83		84		70-130	1		30
sec-Butylbenzene	85		85		70-130	0		30
tert-Butylbenzene	86		86		70-130	0		30
o-Chlorotoluene	85		84		70-130	1		30
p-Chlorotoluene	85		84		70-130	1		30
1,2-Dibromo-3-chloropropane	104		101		68-130	3		30
Hexachlorobutadiene	72		73		67-130	1		30
Isopropylbenzene	79		78		70-130	1		30
p-Isopropyltoluene	80		79		70-130	1		30
Naphthalene	108		107		70-130	1		30
Acrylonitrile	97		96		70-130	1		30
n-Propylbenzene	83		83		70-130	0		30
1,2,3-Trichlorobenzene	91		91		70-130	0		30
1,2,4-Trichlorobenzene	89		89		70-130	0		30
1,3,5-Trimethylbenzene	86		85		70-130	1		30
1,2,4-Trimethylbenzene	84		84		70-130	0		30
1,4-Dioxane	92		93		65-136	1		30
p-Diethylbenzene	82		83		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1938616-3 WG1938616-4								
p-Ethyltoluene	85		84		70-130	1		30
1,2,4,5-Tetramethylbenzene	92		92		70-130	0		30
Ethyl ether	93		92		67-130	1		30
trans-1,4-Dichloro-2-butene	98		94		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		88		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	98		96		70-130
Dibromofluoromethane	104		103		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-02
Client ID: E12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/19/24 08:55
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 09:28
Analyst: LJG
Percent Solids: 84%
Extraction Method: EPA 3546
Extraction Date: 06/26/24 00:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-02 Date Collected: 06/19/24 08:55

Client ID: E12_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-02 Date Collected: 06/19/24 08:55

Client ID: E12_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
Total TIC Compounds	242	J	ug/kg			1
Unknown	242	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	49		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-06
Client ID: E13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 09:40
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 09:52
Analyst: LJG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 00:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-06 Date Collected: 06/19/24 09:40

Client ID: E13_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-06 Date Collected: 06/19/24 09:40

Client ID: E13_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	54		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-10
Client ID: E14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 10:30
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 10:15
Analyst: LJG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 00:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-10 Date Collected: 06/19/24 10:30

Client ID: E14_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-10 Date Collected: 06/19/24 10:30

Client ID: E14_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	59		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-14
Client ID: F15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/19/24 11:40
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 10:39
Analyst: LJG
Percent Solids: 87%
Extraction Method: EPA 3546
Extraction Date: 06/26/24 00:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-14 Date Collected: 06/19/24 11:40

Client ID: F15_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-14 Date Collected: 06/19/24 11:40

Client ID: F15_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	57		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-18
Client ID: F14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 12:25
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 09:20
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 01:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-18 Date Collected: 06/19/24 12:25

Client ID: F14_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-18 Date Collected: 06/19/24 12:25

Client ID: F14_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	48		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-22
Client ID: F13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/19/24 13:05
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 09:44
Analyst: SZ
Percent Solids: 85%
Extraction Method: EPA 3546
Extraction Date: 06/26/24 01:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	22	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-22 Date Collected: 06/19/24 13:05

Client ID: F13_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	19	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-22 Date Collected: 06/19/24 13:05

Client ID: F13_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
Total TIC Compounds	172	J	ug/kg			1
Unknown Alkene	172	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	43		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-26
Client ID: F12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/19/24 13:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 10:08
Analyst: SZ
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 01:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-26 Date Collected: 06/19/24 13:50

Client ID: F12_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-26 Date Collected: 06/19/24 13:50

Client ID: F12_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	600	J	ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1
Tentatively Identified Compounds						
Total TIC Compounds	430	J	ug/kg			1
Unknown	232	J	ug/kg			1
Unknown Amide	198	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	49		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/25/24 13:25
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/25/24 01:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14 Batch: WG1938806-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/25/24 13:25
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/25/24 01:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14 Batch: WG1938806-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/25/24 13:25
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/25/24 01:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14 Batch: WG1938806-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	103		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	96		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/26/24 08:08
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/26/24 01:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18,22,26 Batch: WG1939357-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/26/24 08:08
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/26/24 01:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18,22,26 Batch: WG1939357-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/26/24 08:08
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/26/24 01:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18,22,26 Batch: WG1939357-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	67		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14 Batch: WG1938806-2 WG1938806-3								
Acenaphthene	76		84		31-137	10		50
1,2,4-Trichlorobenzene	75		87		38-107	15		50
Hexachlorobenzene	84		96		40-140	13		50
Bis(2-chloroethyl)ether	58		71		40-140	20		50
2-Chloronaphthalene	83		92		40-140	10		50
1,2-Dichlorobenzene	68		77		40-140	12		50
1,3-Dichlorobenzene	68		79		40-140	15		50
1,4-Dichlorobenzene	70		80		28-104	13		50
3,3'-Dichlorobenzidine	76		74		40-140	3		50
2,4-Dinitrotoluene	91		100		40-132	9		50
2,6-Dinitrotoluene	95		98		40-140	3		50
Fluoranthene	81		92		40-140	13		50
4-Chlorophenyl phenyl ether	91		106		40-140	15		50
4-Bromophenyl phenyl ether	89		103		40-140	15		50
Bis(2-chloroisopropyl)ether	52		58		40-140	11		50
Bis(2-chloroethoxy)methane	62		74		40-117	18		50
Hexachlorobutadiene	82		100		40-140	20		50
Hexachlorocyclopentadiene	57		65		40-140	13		50
Hexachloroethane	64		74		40-140	14		50
Isophorone	64		70		40-140	9		50
Naphthalene	73		79		40-140	8		50
Nitrobenzene	68		80		40-140	16		50
NDPA/DPA	84		96		36-157	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14 Batch: WG1938806-2 WG1938806-3								
n-Nitrosodi-n-propylamine	65		72		32-121	10		50
Bis(2-ethylhexyl)phthalate	72		73		40-140	1		50
Butyl benzyl phthalate	72		80		40-140	11		50
Di-n-butylphthalate	73		78		40-140	7		50
Di-n-octylphthalate	68		72		40-140	6		50
Diethyl phthalate	78		91		40-140	15		50
Dimethyl phthalate	90		88		40-140	2		50
Benzo(a)anthracene	81		86		40-140	6		50
Benzo(a)pyrene	80		84		40-140	5		50
Benzo(b)fluoranthene	77		81		40-140	5		50
Benzo(k)fluoranthene	86		82		40-140	5		50
Chrysene	78		87		40-140	11		50
Acenaphthylene	85		87		40-140	2		50
Anthracene	82		86		40-140	5		50
Benzo(ghi)perylene	76		80		40-140	5		50
Fluorene	80		95		40-140	17		50
Phenanthrene	77		82		40-140	6		50
Dibenzo(a,h)anthracene	80		81		40-140	1		50
Indeno(1,2,3-cd)pyrene	79		80		40-140	1		50
Pyrene	84		92		35-142	9		50
Biphenyl	75		83		37-127	10		50
4-Chloroaniline	67		80		40-140	18		50
2-Nitroaniline	89		96		47-134	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14 Batch: WG1938806-2 WG1938806-3								
3-Nitroaniline	72		72		26-129	0		50
4-Nitroaniline	76		87		41-125	13		50
Dibenzofuran	80		89		40-140	11		50
2-Methylnaphthalene	75		84		40-140	11		50
1,2,4,5-Tetrachlorobenzene	79		90		40-117	13		50
Acetophenone	60		68		14-144	13		50
2,4,6-Trichlorophenol	89		108		30-130	19		50
p-Chloro-m-cresol	80		92		26-103	14		50
2-Chlorophenol	70		82		25-102	16		50
2,4-Dichlorophenol	79		89		30-130	12		50
2,4-Dimethylphenol	66		79		30-130	18		50
2-Nitrophenol	76		90		30-130	17		50
4-Nitrophenol	87		100		11-114	14		50
2,4-Dinitrophenol	92		94		4-130	2		50
4,6-Dinitro-o-cresol	103		117		10-130	13		50
Pentachlorophenol	78		86		17-109	10		50
Phenol	69		82		26-90	17		50
2-Methylphenol	71		75		30-130.	5		50
3-Methylphenol/4-Methylphenol	76		82		30-130	8		50
2,4,5-Trichlorophenol	96		109		30-130	13		50
Benzoic Acid	69		84		10-110	20		50
Benzyl Alcohol	77		82		40-140	6		50
Carbazole	73		81		54-128	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14 Batch: WG1938806-2 WG1938806-3								
1,4-Dioxane	**38**	Q	44		40-140	15		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		72		25-120
Phenol-d6	65		74		10-120
Nitrobenzene-d5	70		77		23-120
2-Fluorobiphenyl	86		92		30-120
2,4,6-Tribromophenol	80		90		10-136
4-Terphenyl-d14	85		91		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18,22,26 Batch: WG1939357-2 WG1939357-3								
Acenaphthene	65		65		31-137	0		50
1,2,4-Trichlorobenzene	66		66		38-107	0		50
Hexachlorobenzene	62		61		40-140	2		50
Bis(2-chloroethyl)ether	67		68		40-140	1		50
2-Chloronaphthalene	69		66		40-140	4		50
1,2-Dichlorobenzene	61		63		40-140	3		50
1,3-Dichlorobenzene	60		63		40-140	5		50
1,4-Dichlorobenzene	61		63		28-104	3		50
3,3'-Dichlorobenzidine	68		65		40-140	5		50
2,4-Dinitrotoluene	81		76		40-132	6		50
2,6-Dinitrotoluene	86		78		40-140	10		50
Fluoranthene	66		64		40-140	3		50
4-Chlorophenyl phenyl ether	64		64		40-140	0		50
4-Bromophenyl phenyl ether	65		65		40-140	0		50
Bis(2-chloroisopropyl)ether	83		85		40-140	2		50
Bis(2-chloroethoxy)methane	77		75		40-117	3		50
Hexachlorobutadiene	61		64		40-140	5		50
Hexachlorocyclopentadiene	76		77		40-140	1		50
Hexachloroethane	65		68		40-140	5		50
Isophorone	77		74		40-140	4		50
Naphthalene	64		66		40-140	3		50
Nitrobenzene	76		76		40-140	0		50
NDPA/DPA	68		66		36-157	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18,22,26 Batch: WG1939357-2 WG1939357-3								
n-Nitrosodi-n-propylamine	76		74		32-121	3		50
Bis(2-ethylhexyl)phthalate	84		82		40-140	2		50
Butyl benzyl phthalate	79		79		40-140	0		50
Di-n-butylphthalate	68		66		40-140	3		50
Di-n-octylphthalate	86		86		40-140	0		50
Diethyl phthalate	67		64		40-140	5		50
Dimethyl phthalate	73		66		40-140	10		50
Benzo(a)anthracene	71		69		40-140	3		50
Benzo(a)pyrene	70		70		40-140	0		50
Benzo(b)fluoranthene	70		71		40-140	1		50
Benzo(k)fluoranthene	67		67		40-140	0		50
Chrysene	72		71		40-140	1		50
Acenaphthylene	68		64		40-140	6		50
Anthracene	67		66		40-140	2		50
Benzo(ghi)perylene	65		65		40-140	0		50
Fluorene	66		66		40-140	0		50
Phenanthrene	65		64		40-140	2		50
Dibenzo(a,h)anthracene	66		65		40-140	2		50
Indeno(1,2,3-cd)pyrene	66		66		40-140	0		50
Pyrene	68		65		35-142	5		50
Biphenyl	70		67		37-127	4		50
4-Chloroaniline	72		70		40-140	3		50
2-Nitroaniline	92		85		47-134	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18,22,26 Batch: WG1939357-2 WG1939357-3								
3-Nitroaniline	74		66		26-129	11		50
4-Nitroaniline	78		73		41-125	7		50
Dibenzofuran	64		63		40-140	2		50
2-Methylnaphthalene	70		70		40-140	0		50
1,2,4,5-Tetrachlorobenzene	68		66		40-117	3		50
Acetophenone	75		73		14-144	3		50
2,4,6-Trichlorophenol	79		74		30-130	7		50
p-Chloro-m-cresol	80		74		26-103	8		50
2-Chlorophenol	72		74		25-102	3		50
2,4-Dichlorophenol	79		76		30-130	4		50
2,4-Dimethylphenol	90		87		30-130	3		50
2-Nitrophenol	89		86		30-130	3		50
4-Nitrophenol	94		89		11-114	5		50
2,4-Dinitrophenol	85		80		4-130	6		50
4,6-Dinitro-o-cresol	91		86		10-130	6		50
Pentachlorophenol	65		62		17-109	5		50
Phenol	70		70		26-90	0		50
2-Methylphenol	80		77		30-130.	4		50
3-Methylphenol/4-Methylphenol	89		84		30-130	6		50
2,4,5-Trichlorophenol	80		75		30-130	6		50
Benzoic Acid	50		45		10-110	11		50
Benzyl Alcohol	77		76		40-140	1		50
Carbazole	69		66		54-128	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18,22,26 Batch: WG1939357-2 WG1939357-3								
1,4-Dioxane	52		54		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		73		25-120
Phenol-d6	74		72		10-120
Nitrobenzene-d5	75		73		23-120
2-Fluorobiphenyl	66		64		30-120
2,4,6-Tribromophenol	58		55		10-136
4-Terphenyl-d14	60		57		18-120

PCBS

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-02
Client ID: E12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 08:55
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/24 01:41
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:56
Cleanup Method: EPA 3665A
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.1	5.07	1	A
Aroclor 1221	ND		ug/kg	57.1	5.72	1	A
Aroclor 1232	ND		ug/kg	57.1	12.1	1	A
Aroclor 1242	ND		ug/kg	57.1	7.70	1	A
Aroclor 1248	ND		ug/kg	57.1	8.57	1	A
Aroclor 1254	ND		ug/kg	57.1	6.25	1	A
Aroclor 1260	ND		ug/kg	57.1	10.6	1	A
Aroclor 1262	ND		ug/kg	57.1	7.26	1	A
Aroclor 1268	ND		ug/kg	57.1	5.92	1	A
PCBs, Total	ND		ug/kg	57.1	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-06
Client ID: E13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 09:40
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/24 01:49
Analyst: MEO
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:56
Cleanup Method: EPA 3665A
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.2	5.08	1	A
Aroclor 1221	ND		ug/kg	57.2	5.73	1	A
Aroclor 1232	ND		ug/kg	57.2	12.1	1	A
Aroclor 1242	ND		ug/kg	57.2	7.71	1	A
Aroclor 1248	ND		ug/kg	57.2	8.58	1	A
Aroclor 1254	ND		ug/kg	57.2	6.26	1	A
Aroclor 1260	ND		ug/kg	57.2	10.6	1	A
Aroclor 1262	ND		ug/kg	57.2	7.26	1	A
Aroclor 1268	ND		ug/kg	57.2	5.92	1	A
PCBs, Total	ND		ug/kg	57.2	5.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-10
Client ID: E14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 10:30
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/24 01:57
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:56
Cleanup Method: EPA 3665A
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.3	4.82	1	A
Aroclor 1221	ND		ug/kg	54.3	5.44	1	A
Aroclor 1232	ND		ug/kg	54.3	11.5	1	A
Aroclor 1242	ND		ug/kg	54.3	7.32	1	A
Aroclor 1248	ND		ug/kg	54.3	8.15	1	A
Aroclor 1254	ND		ug/kg	54.3	5.94	1	A
Aroclor 1260	ND		ug/kg	54.3	10.0	1	A
Aroclor 1262	ND		ug/kg	54.3	6.90	1	A
Aroclor 1268	ND		ug/kg	54.3	5.63	1	A
PCBs, Total	ND		ug/kg	54.3	4.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-14
Client ID: F15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 11:40
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/24 02:05
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:56
Cleanup Method: EPA 3665A
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.2	4.99	1	A
Aroclor 1221	ND		ug/kg	56.2	5.64	1	A
Aroclor 1232	ND		ug/kg	56.2	11.9	1	A
Aroclor 1242	ND		ug/kg	56.2	7.58	1	A
Aroclor 1248	ND		ug/kg	56.2	8.44	1	A
Aroclor 1254	ND		ug/kg	56.2	6.15	1	A
Aroclor 1260	ND		ug/kg	56.2	10.4	1	A
Aroclor 1262	ND		ug/kg	56.2	7.14	1	A
Aroclor 1268	ND		ug/kg	56.2	5.83	1	A
PCBs, Total	ND		ug/kg	56.2	4.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-18
Client ID: F14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 12:25
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/24 02:13
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:56
Cleanup Method: EPA 3665A
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.3	4.82	1	A
Aroclor 1221	ND		ug/kg	54.3	5.44	1	A
Aroclor 1232	ND		ug/kg	54.3	11.5	1	A
Aroclor 1242	ND		ug/kg	54.3	7.32	1	A
Aroclor 1248	ND		ug/kg	54.3	8.15	1	A
Aroclor 1254	ND		ug/kg	54.3	5.94	1	A
Aroclor 1260	ND		ug/kg	54.3	10.0	1	A
Aroclor 1262	ND		ug/kg	54.3	6.90	1	A
Aroclor 1268	ND		ug/kg	54.3	5.63	1	A
PCBs, Total	ND		ug/kg	54.3	4.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-22
Client ID: F13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 13:05
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/24 01:10
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:56
Cleanup Method: EPA 3665A
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.9	4.88	1	A
Aroclor 1221	ND		ug/kg	54.9	5.50	1	A
Aroclor 1232	ND		ug/kg	54.9	11.6	1	A
Aroclor 1242	ND		ug/kg	54.9	7.40	1	A
Aroclor 1248	ND		ug/kg	54.9	8.24	1	A
Aroclor 1254	ND		ug/kg	54.9	6.01	1	A
Aroclor 1260	ND		ug/kg	54.9	10.2	1	A
Aroclor 1262	ND		ug/kg	54.9	6.98	1	A
Aroclor 1268	ND		ug/kg	54.9	5.69	1	A
PCBs, Total	ND		ug/kg	54.9	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-26
Client ID: F12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/19/24 13:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/24 02:21
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:56
Cleanup Method: EPA 3665A
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.6	4.84	1	A
Aroclor 1221	ND		ug/kg	54.6	5.47	1	A
Aroclor 1232	ND		ug/kg	54.6	11.6	1	A
Aroclor 1242	ND		ug/kg	54.6	7.36	1	A
Aroclor 1248	ND		ug/kg	54.6	8.18	1	A
Aroclor 1254	ND		ug/kg	54.6	5.97	1	A
Aroclor 1260	ND		ug/kg	54.6	10.1	1	A
Aroclor 1262	ND		ug/kg	54.6	6.93	1	A
Aroclor 1268	ND		ug/kg	54.6	5.65	1	A
PCBs, Total	ND		ug/kg	54.6	4.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/26/24 07:45
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/25/24 12:33
Cleanup Method: EPA 3665A
Cleanup Date: 06/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,06,10,14,18,22,26 Batch: WG1939106-1						
Aroclor 1016	ND		ug/kg	47.9	4.25	A
Aroclor 1221	ND		ug/kg	47.9	4.80	A
Aroclor 1232	ND		ug/kg	47.9	10.2	A
Aroclor 1242	ND		ug/kg	47.9	6.46	A
Aroclor 1248	ND		ug/kg	47.9	7.18	A
Aroclor 1254	ND		ug/kg	47.9	5.24	A
Aroclor 1260	ND		ug/kg	47.9	8.85	A
Aroclor 1262	ND		ug/kg	47.9	6.08	A
Aroclor 1268	ND		ug/kg	47.9	4.96	A
PCBs, Total	ND		ug/kg	47.9	4.25	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	97		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26 Batch: WG1939106-2 WG1939106-3									
Aroclor 1016	72		73		40-140	1		50	A
Aroclor 1260	62		64		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		81		30-150	A
Decachlorobiphenyl	83		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		83		30-150	B
Decachlorobiphenyl	92		92		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-01
Client ID: E12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 08:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 15:01
Analyst: JAG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.392	1	A
Lindane	ND		ug/kg	0.835	0.373	1	A
Alpha-BHC	ND		ug/kg	0.835	0.237	1	A
Beta-BHC	ND		ug/kg	2.00	0.760	1	A
Heptachlor	0.595	J	ug/kg	1.00	0.449	1	B
Aldrin	ND		ug/kg	2.00	0.706	1	A
Heptachlor epoxide	281		ug/kg	3.76	1.13	1	B
Endrin	ND		ug/kg	0.835	0.342	1	A
Endrin aldehyde	ND		ug/kg	2.50	0.877	1	A
Endrin ketone	ND		ug/kg	2.00	0.516	1	A
Dieldrin	113		ug/kg	1.25	0.626	1	B
4,4'-DDE	39.2		ug/kg	2.00	0.464	1	B
4,4'-DDD	ND		ug/kg	2.00	0.715	1	A
4,4'-DDT	15.5		ug/kg	2.00	1.61	1	B
Endosulfan I	ND		ug/kg	2.00	0.474	1	A
Endosulfan II	ND		ug/kg	2.00	0.670	1	A
Endosulfan sulfate	ND		ug/kg	0.835	0.398	1	A
Methoxychlor	ND		ug/kg	3.76	1.17	1	A
Toxaphene	ND		ug/kg	37.6	10.5	1	A
cis-Chlordane	187	IP	ug/kg	2.50	0.698	1	B
trans-Chlordane	194		ug/kg	2.50	0.661	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-01
Client ID: E12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/19/24 08:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 18:19
Analyst: JAG
Percent Solids: 77%
Methylation Date: 06/25/24 09:05

Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	213	13.4	1	A
2,4,5-T	ND		ug/kg	213	6.60	1	A
2,4,5-TP (Silvex)	ND		ug/kg	213	5.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-01 D
Client ID: E12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 08:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 20:22
Analyst: JAG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Chlordane	1580		ug/kg	83.5	33.2	5	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-02
Client ID: E12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 08:55
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 15:39
Analyst: JAG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.756	0.338	1	A
Alpha-BHC	ND		ug/kg	0.756	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.688	1	A
Heptachlor	ND		ug/kg	0.908	0.407	1	A
Aldrin	ND		ug/kg	1.82	0.639	1	A
Heptachlor epoxide	50.2		ug/kg	3.40	1.02	1	B
Endrin	ND		ug/kg	0.756	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.794	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	15.6		ug/kg	1.13	0.567	1	B
4,4'-DDE	5.19		ug/kg	1.82	0.420	1	B
4,4'-DDD	ND		ug/kg	1.82	0.648	1	A
4,4'-DDT	ND	IP	ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.756	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.53	1	A
cis-Chlordane	14.7	IP	ug/kg	2.27	0.632	1	B
trans-Chlordane	15.7		ug/kg	2.27	0.599	1	B
Chlordane	118		ug/kg	15.1	6.01	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-02 Date Collected: 06/19/24 08:55

Client ID: E12_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-02
Client ID: E12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 08:55
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 19:50
Analyst: AKM
Percent Solids: 84%
Methylation Date: 06/25/24 14:00

Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.4	1	A
2,4,5-T	ND		ug/kg	196	6.09	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.23	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-05
Client ID: E13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 09:35
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 15:51
Analyst: JAG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.90	0.372	1	A
Lindane	ND		ug/kg	0.791	0.354	1	A
Alpha-BHC	ND		ug/kg	0.791	0.225	1	A
Beta-BHC	ND		ug/kg	1.90	0.720	1	A
Heptachlor	ND		ug/kg	0.950	0.426	1	A
Aldrin	ND		ug/kg	1.90	0.669	1	A
Heptachlor epoxide	120		ug/kg	3.56	1.07	1	B
Endrin	ND		ug/kg	0.791	0.324	1	A
Endrin aldehyde	6.09		ug/kg	2.37	0.831	1	B
Endrin ketone	ND		ug/kg	1.90	0.489	1	A
Dieldrin	42.4		ug/kg	1.19	0.593	1	B
4,4'-DDE	45.4		ug/kg	1.90	0.439	1	A
4,4'-DDD	ND		ug/kg	1.90	0.677	1	A
4,4'-DDT	28.4		ug/kg	1.90	1.53	1	B
Endosulfan I	ND		ug/kg	1.90	0.449	1	A
Endosulfan II	ND		ug/kg	1.90	0.634	1	A
Endosulfan sulfate	ND		ug/kg	0.791	0.377	1	A
Methoxychlor	ND		ug/kg	3.56	1.11	1	A
Toxaphene	ND		ug/kg	35.6	9.97	1	A
cis-Chlordane	49.2	IP	ug/kg	2.37	0.661	1	B
trans-Chlordane	47.9		ug/kg	2.37	0.627	1	B
Chlordane	432		ug/kg	15.8	6.29	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-05 Date Collected: 06/19/24 09:35

Client ID: E13_0-0.2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-05
Client ID: E13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 09:35
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 20:08
Analyst: AKM
Percent Solids: 81%
Methylation Date: 06/25/24 14:00

Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	201	12.6	1	A
2,4,5-T	ND		ug/kg	201	6.23	1	A
2,4,5-TP (Silvex)	ND		ug/kg	201	5.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	74		30-150	A
DCAA	69		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-06
Client ID: E13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/19/24 09:40
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 16:04
Analyst: JAG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.764	0.342	1	A
Alpha-BHC	ND		ug/kg	0.764	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.695	1	A
Heptachlor	ND		ug/kg	0.917	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.646	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.764	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.802	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	ND		ug/kg	1.15	0.573	1	A
4,4'-DDE	1.18	JIP	ug/kg	1.83	0.424	1	A
4,4'-DDD	ND		ug/kg	1.83	0.654	1	A
4,4'-DDT	ND		ug/kg	1.83	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.433	1	A
Endosulfan II	ND		ug/kg	1.83	0.613	1	A
Endosulfan sulfate	ND		ug/kg	0.764	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.63	1	A
cis-Chlordane	ND	IP	ug/kg	2.29	0.639	1	B
trans-Chlordane	0.960	J	ug/kg	2.29	0.605	1	B
Chlordane	ND		ug/kg	15.3	6.07	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-06 Date Collected: 06/19/24 09:40

Client ID: E13_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-06
Client ID: E13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 09:40
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 20:27
Analyst: AKM
Percent Solids: 83%
Methylation Date: 06/25/24 14:00

Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.3	1	A
2,4,5-T	ND		ug/kg	196	6.06	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	86		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-09
Client ID: E14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/19/24 10:25
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 16:16
Analyst: JAG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.04	0.400	1	A
Lindane	ND		ug/kg	0.850	0.380	1	A
Alpha-BHC	ND		ug/kg	0.850	0.242	1	A
Beta-BHC	ND		ug/kg	2.04	0.774	1	A
Heptachlor	ND		ug/kg	1.02	0.458	1	A
Aldrin	ND		ug/kg	2.04	0.719	1	A
Heptachlor epoxide	123		ug/kg	3.83	1.15	1	B
Endrin	ND		ug/kg	0.850	0.349	1	A
Endrin aldehyde	ND		ug/kg	2.55	0.893	1	A
Endrin ketone	ND		ug/kg	2.04	0.526	1	A
Dieldrin	175		ug/kg	1.28	0.638	1	B
4,4'-DDE	9.82		ug/kg	2.04	0.472	1	A
4,4'-DDD	ND		ug/kg	2.04	0.728	1	A
4,4'-DDT	3.62	IP	ug/kg	2.04	1.64	1	A
Endosulfan I	ND		ug/kg	2.04	0.482	1	A
Endosulfan II	ND		ug/kg	2.04	0.682	1	A
Endosulfan sulfate	ND		ug/kg	0.850	0.405	1	A
Methoxychlor	ND		ug/kg	3.83	1.19	1	A
Toxaphene	ND		ug/kg	38.3	10.7	1	A
cis-Chlordane	38.1	IP	ug/kg	2.55	0.711	1	B
trans-Chlordane	35.3		ug/kg	2.55	0.674	1	B
Chlordane	ND		ug/kg	17.0	6.76	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-09 Date Collected: 06/19/24 10:25

Client ID: E14_0-0.2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-09
Client ID: E14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/19/24 10:25
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 20:45
Analyst: AKM
Percent Solids: 77%
Methylation Date: 06/25/24 14:00

Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	213	13.4	1	A
2,4,5-T	ND		ug/kg	213	6.59	1	A
2,4,5-TP (Silvex)	ND		ug/kg	213	5.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	86		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-10
Client ID: E14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/19/24 10:30
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 16:29
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.738	0.330	1	A
Alpha-BHC	ND		ug/kg	0.738	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	ND		ug/kg	0.886	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	2.81	J	ug/kg	3.32	0.996	1	A
Endrin	ND		ug/kg	0.738	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.775	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	3.51		ug/kg	1.11	0.554	1	B
4,4'-DDE	ND		ug/kg	1.77	0.410	1	A
4,4'-DDD	ND		ug/kg	1.77	0.632	1	A
4,4'-DDT	ND		ug/kg	1.77	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.592	1	A
Endosulfan sulfate	ND		ug/kg	0.738	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.30	1	A
cis-Chlordane	0.702	JIP	ug/kg	2.21	0.617	1	B
trans-Chlordane	1.14	JIP	ug/kg	2.21	0.585	1	B
Chlordane	ND		ug/kg	14.8	5.87	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-10 Date Collected: 06/19/24 10:30

Client ID: E14_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-10
Client ID: E14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 10:30
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 21:03
Analyst: AKM
Percent Solids: 88%
Methylation Date: 06/25/24 14:00

Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	189	11.9	1	A
2,4,5-T	ND		ug/kg	189	5.86	1	A
2,4,5-TP (Silvex)	ND		ug/kg	189	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-13
Client ID: F15_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 11:35
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 16:41
Analyst: JAG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.374	1	A
Lindane	ND		ug/kg	0.796	0.356	1	A
Alpha-BHC	ND		ug/kg	0.796	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.724	1	A
Heptachlor	ND		ug/kg	0.955	0.428	1	A
Aldrin	ND		ug/kg	1.91	0.673	1	A
Heptachlor epoxide	108		ug/kg	3.58	1.07	1	B
Endrin	ND		ug/kg	0.796	0.326	1	A
Endrin aldehyde	ND		ug/kg	2.39	0.836	1	A
Endrin ketone	ND		ug/kg	1.91	0.492	1	A
Dieldrin	170		ug/kg	1.19	0.597	1	B
4,4'-DDE	28.2		ug/kg	1.91	0.442	1	A
4,4'-DDD	ND		ug/kg	1.91	0.681	1	A
4,4'-DDT	8.89		ug/kg	1.91	1.54	1	B
Endosulfan I	ND		ug/kg	1.91	0.451	1	A
Endosulfan II	ND		ug/kg	1.91	0.638	1	A
Endosulfan sulfate	ND		ug/kg	0.796	0.379	1	A
Methoxychlor	ND		ug/kg	3.58	1.11	1	A
Toxaphene	ND		ug/kg	35.8	10.0	1	A
cis-Chlordane	75.6	IP	ug/kg	2.39	0.666	1	B
trans-Chlordane	90.5		ug/kg	2.39	0.630	1	B
Chlordane	674		ug/kg	15.9	6.33	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-13 Date Collected: 06/19/24 11:35

Client ID: F15_0-0.2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-13
Client ID: F15_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 11:35
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 21:22
Analyst: AKM
Percent Solids: 81%
Methylation Date: 06/25/24 14:00

Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	203	12.8	1	A
2,4,5-T	ND		ug/kg	203	6.30	1	A
2,4,5-TP (Silvex)	ND		ug/kg	203	5.41	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	88		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-14
Client ID: F15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 11:40
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 16:53
Analyst: JAG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 23:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.726	0.324	1	A
Alpha-BHC	ND		ug/kg	0.726	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.661	1	A
Heptachlor	ND		ug/kg	0.871	0.391	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	6.03		ug/kg	3.27	0.980	1	B
Endrin	ND		ug/kg	0.726	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.762	1	A
Endrin ketone	ND		ug/kg	1.74	0.449	1	A
Dieldrin	9.30		ug/kg	1.09	0.544	1	B
4,4'-DDE	2.77		ug/kg	1.74	0.403	1	B
4,4'-DDD	ND		ug/kg	1.74	0.621	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.412	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.726	0.346	1	A
Methoxychlor	ND		ug/kg	3.27	1.02	1	A
Toxaphene	ND		ug/kg	32.7	9.15	1	A
cis-Chlordane	4.89	IP	ug/kg	2.18	0.607	1	B
trans-Chlordane	7.35		ug/kg	2.18	0.575	1	B
Chlordane	ND		ug/kg	14.5	5.77	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-14 Date Collected: 06/19/24 11:40

Client ID: F15_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-14
Client ID: F15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 11:40
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 21:40
Analyst: AKM
Percent Solids: 87%
Methylation Date: 06/25/24 14:00

Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	189	11.9	1	A
2,4,5-T	ND		ug/kg	189	5.86	1	A
2,4,5-TP (Silvex)	ND		ug/kg	189	5.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	79		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-17
Client ID: F14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 12:20
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 17:06
Analyst: JAG
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 00:25
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.10	0.411	1	A
Lindane	ND		ug/kg	0.875	0.391	1	A
Alpha-BHC	ND		ug/kg	0.875	0.248	1	A
Beta-BHC	ND		ug/kg	2.10	0.796	1	A
Heptachlor	ND		ug/kg	1.05	0.471	1	A
Aldrin	ND		ug/kg	2.10	0.739	1	A
Heptachlor epoxide	9.49		ug/kg	3.94	1.18	1	B
Endrin	ND		ug/kg	0.875	0.359	1	A
Endrin aldehyde	ND		ug/kg	2.62	0.919	1	A
Endrin ketone	ND		ug/kg	2.10	0.541	1	A
Dieldrin	20.4		ug/kg	1.31	0.656	1	B
4,4'-DDE	1.16	JIP	ug/kg	2.10	0.486	1	A
4,4'-DDD	ND		ug/kg	2.10	0.749	1	A
4,4'-DDT	ND	IP	ug/kg	2.10	1.69	1	A
Endosulfan I	ND		ug/kg	2.10	0.496	1	A
Endosulfan II	ND		ug/kg	2.10	0.702	1	A
Endosulfan sulfate	ND		ug/kg	0.875	0.416	1	A
Methoxychlor	ND		ug/kg	3.94	1.22	1	A
Toxaphene	ND		ug/kg	39.4	11.0	1	A
cis-Chlordane	5.80	IP	ug/kg	2.62	0.732	1	B
trans-Chlordane	5.06		ug/kg	2.62	0.693	1	B
Chlordane	ND		ug/kg	17.5	6.96	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-17 Date Collected: 06/19/24 12:20

Client ID: F14_0-0.2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-17
Client ID: F14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 12:20
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 21:58
Analyst: AKM
Percent Solids: 73%
Methylation Date: 06/25/24 14:00

Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	228	14.4	1	A
2,4,5-T	ND		ug/kg	228	7.07	1	A
2,4,5-TP (Silvex)	ND		ug/kg	228	6.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	79		30-150	A
DCAA	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-18
Client ID: F14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/19/24 12:25
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 17:18
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 00:26
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.733	0.328	1	A
Alpha-BHC	ND		ug/kg	0.733	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.667	1	A
Heptachlor	ND		ug/kg	0.880	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.620	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.990	1	A
Endrin	ND		ug/kg	0.733	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.770	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	ND		ug/kg	1.10	0.550	1	A
4,4'-DDE	ND		ug/kg	1.76	0.407	1	A
4,4'-DDD	ND		ug/kg	1.76	0.628	1	A
4,4'-DDT	ND		ug/kg	1.76	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.733	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.03	1	A
Toxaphene	ND		ug/kg	33.0	9.24	1	A
cis-Chlordane	ND		ug/kg	2.20	0.613	1	A
trans-Chlordane	ND		ug/kg	2.20	0.581	1	A
Chlordane	ND		ug/kg	14.7	5.83	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-18 Date Collected: 06/19/24 12:25

Client ID: F14_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-18
Client ID: F14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 12:25
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 22:16
Analyst: AKM
Percent Solids: 88%
Methylation Date: 06/25/24 14:00

Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	186	11.7	1	A
2,4,5-T	ND		ug/kg	186	5.77	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	79		30-150	A
DCAA	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-21
Client ID: F13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 13:00
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 19:39
Analyst: MMG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 00:27
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.755	0.338	1	A
Alpha-BHC	ND		ug/kg	0.755	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.687	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	120		ug/kg	3.40	1.02	1	B
Endrin	ND		ug/kg	0.755	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.793	1	A
Endrin ketone	ND		ug/kg	1.81	0.467	1	A
Dieldrin	14.1		ug/kg	1.13	0.566	1	B
4,4'-DDE	32.9		ug/kg	1.81	0.419	1	B
4,4'-DDD	17.4		ug/kg	1.81	0.647	1	A
4,4'-DDT	16.6		ug/kg	1.81	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.606	1	A
Endosulfan sulfate	ND		ug/kg	0.755	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.52	1	A
cis-Chlordane	208	IP	ug/kg	2.27	0.631	1	B
trans-Chlordane	197		ug/kg	2.27	0.598	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-21
Client ID: F13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/19/24 13:00
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 22:53
Analyst: AKM
Percent Solids: 86%
Methylation Date: 06/25/24 14:00
Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.97	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	71		30-150	A
DCAA	68		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-21 D
Client ID: F13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 13:00
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/24 14:37
Analyst: SID
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 00:27
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Chlordane	1340		ug/kg	75.5	30.0	5	A

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-22
Client ID: F13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 13:05
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 19:50
Analyst: MMG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 00:28
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.740	0.331	1	A
Alpha-BHC	ND		ug/kg	0.740	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	ND		ug/kg	0.889	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.626	1	A
Heptachlor epoxide	ND		ug/kg	3.33	1.00	1	A
Endrin	ND		ug/kg	0.740	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.778	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	1.17		ug/kg	1.11	0.555	1	B
4,4'-DDE	4.00		ug/kg	1.78	0.411	1	B
4,4'-DDD	1.86		ug/kg	1.78	0.634	1	B
4,4'-DDT	ND		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.740	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.33	1	A
cis-Chlordane	34.5		ug/kg	2.22	0.619	1	A
trans-Chlordane	27.4		ug/kg	2.22	0.586	1	A
Chlordane	218		ug/kg	14.8	5.89	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-22 Date Collected: 06/19/24 13:05

Client ID: F13_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-22
Client ID: F13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 13:05
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 23:11
Analyst: AKM
Percent Solids: 85%
Methylation Date: 06/25/24 14:00

Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.95	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	75		30-150	A
DCAA	73		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-25
Client ID: F12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/19/24 13:45
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 20:01
Analyst: MMG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 00:29
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.03	0.398	1	A
Lindane	ND		ug/kg	0.847	0.378	1	A
Alpha-BHC	ND		ug/kg	0.847	0.240	1	A
Beta-BHC	ND		ug/kg	2.03	0.770	1	A
Heptachlor	ND		ug/kg	1.02	0.456	1	A
Aldrin	ND		ug/kg	2.03	0.715	1	A
Heptachlor epoxide	2.44	J	ug/kg	3.81	1.14	1	B
Endrin	ND		ug/kg	0.847	0.347	1	A
Endrin aldehyde	ND		ug/kg	2.54	0.889	1	A
Endrin ketone	ND		ug/kg	2.03	0.523	1	A
Dieldrin	0.748	J	ug/kg	1.27	0.635	1	A
4,4'-DDE	2.00	J	ug/kg	2.03	0.470	1	A
4,4'-DDD	ND		ug/kg	2.03	0.725	1	A
4,4'-DDT	ND		ug/kg	2.03	1.63	1	A
Endosulfan I	ND		ug/kg	2.03	0.480	1	A
Endosulfan II	ND		ug/kg	2.03	0.679	1	A
Endosulfan sulfate	ND		ug/kg	0.847	0.403	1	A
Methoxychlor	ND		ug/kg	3.81	1.18	1	A
Toxaphene	ND		ug/kg	38.1	10.7	1	A
cis-Chlordane	6.28	IP	ug/kg	2.54	0.708	1	B
trans-Chlordane	6.02		ug/kg	2.54	0.671	1	B
Chlordane	44.3		ug/kg	16.9	6.73	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-25 Date Collected: 06/19/24 13:45

Client ID: F12_0-0.2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-25
Client ID: F12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 13:45
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 23:29
Analyst: AKM
Percent Solids: 78%
Methylation Date: 06/25/24 14:00

Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	208	13.1	1	A
2,4,5-T	ND		ug/kg	208	6.46	1	A
2,4,5-TP (Silvex)	ND		ug/kg	208	5.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-26
Client ID: F12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 13:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 20:13
Analyst: MMG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 00:29
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.754	0.337	1	A
Alpha-BHC	ND		ug/kg	0.754	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.686	1	A
Heptachlor	ND		ug/kg	0.905	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.637	1	A
Heptachlor epoxide	63.5		ug/kg	3.39	1.02	1	B
Endrin	ND		ug/kg	0.754	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.792	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	15.3		ug/kg	1.13	0.566	1	B
4,4'-DDE	41.5		ug/kg	1.81	0.419	1	B
4,4'-DDD	ND		ug/kg	1.81	0.646	1	A
4,4'-DDT	13.4		ug/kg	1.81	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.605	1	A
Endosulfan sulfate	ND		ug/kg	0.754	0.359	1	A
Methoxychlor	ND		ug/kg	3.39	1.06	1	A
Toxaphene	ND		ug/kg	33.9	9.50	1	A
cis-Chlordane	139	IP	ug/kg	2.26	0.630	1	B
trans-Chlordane	120		ug/kg	2.26	0.597	1	B
Chlordane	827		ug/kg	15.1	6.00	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-26 Date Collected: 06/19/24 13:50

Client ID: F12_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-26
Client ID: F12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 13:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/25/24 23:48
Analyst: AKM
Percent Solids: 87%
Methylation Date: 06/25/24 14:00

Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	189	11.9	1	A
2,4,5-T	ND		ug/kg	189	5.87	1	A
2,4,5-TP (Silvex)	ND		ug/kg	189	5.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-29
Client ID: DUP_06192024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 12:00
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 20:24
Analyst: MMG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 00:30
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.374	1	A
Lindane	ND		ug/kg	0.797	0.356	1	A
Alpha-BHC	ND		ug/kg	0.797	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.725	1	A
Heptachlor	ND		ug/kg	0.956	0.429	1	A
Aldrin	ND		ug/kg	1.91	0.673	1	A
Heptachlor epoxide	126		ug/kg	3.58	1.08	1	B
Endrin	ND		ug/kg	0.797	0.327	1	A
Endrin aldehyde	ND		ug/kg	2.39	0.836	1	A
Endrin ketone	ND		ug/kg	1.91	0.492	1	A
Dieldrin	48.0		ug/kg	1.20	0.598	1	B
4,4'-DDE	61.7		ug/kg	1.91	0.442	1	B
4,4'-DDD	1.44	JIP	ug/kg	1.91	0.682	1	B
4,4'-DDT	34.3		ug/kg	1.91	1.54	1	A
Endosulfan I	ND		ug/kg	1.91	0.452	1	A
Endosulfan II	ND		ug/kg	1.91	0.639	1	A
Endosulfan sulfate	ND		ug/kg	0.797	0.379	1	A
Methoxychlor	ND		ug/kg	3.58	1.12	1	A
Toxaphene	ND		ug/kg	35.8	10.0	1	A
cis-Chlordane	59.5	IP	ug/kg	2.39	0.666	1	B
trans-Chlordane	50.6		ug/kg	2.39	0.631	1	B
Chlordane	405		ug/kg	15.9	6.33	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-29 Date Collected: 06/19/24 12:00

Client ID: DUP_06192024 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-29
Client ID: DUP_06192024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 12:00
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/26/24 00:06
Analyst: AKM
Percent Solids: 83%
Methylation Date: 06/25/24 14:00

Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.4	1	A
2,4,5-T	ND		ug/kg	196	6.09	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-30
Client ID: FB_06192024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 09:30
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 06/26/24 20:51
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 06/26/24 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-30 Date Collected: 06/19/24 09:30

Client ID: FB_06192024 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434640
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-30
Client ID: FB_06192024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 09:30
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 06/24/24 22:56
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 06/23/24 17:34

Methylation Date: 06/24/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	74		30-150	A
DCAA	67		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/24/24 12:55
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/23/24 17:34

Methylation Date: 06/24/24 11:02

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 30 Batch: WG1938239-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	105		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/25/24 17:06
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 06/24/24 16:27

Methylation Date: 06/25/24 09:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1938703-1						
2,4-D	ND		ug/kg	165	10.4	A
2,4,5-T	ND		ug/kg	165	5.12	A
2,4,5-TP (Silvex)	ND		ug/kg	165	4.39	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	93		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/26/24 08:55
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/25/24 16:57
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1939266-1						
Delta-BHC	ND		ug/kg	1.59	0.312	A
Lindane	ND		ug/kg	0.663	0.296	A
Alpha-BHC	ND		ug/kg	0.663	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.603	A
Heptachlor	ND		ug/kg	0.796	0.357	A
Aldrin	ND		ug/kg	1.59	0.560	A
Heptachlor epoxide	ND		ug/kg	2.98	0.895	A
Endrin	ND		ug/kg	0.663	0.272	A
Endrin aldehyde	ND		ug/kg	1.99	0.696	A
Endrin ketone	ND		ug/kg	1.59	0.410	A
Dieldrin	ND		ug/kg	0.995	0.497	A
4,4'-DDE	ND		ug/kg	1.59	0.368	A
4,4'-DDD	ND		ug/kg	1.59	0.568	A
4,4'-DDT	ND		ug/kg	1.59	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.376	A
Endosulfan II	ND		ug/kg	1.59	0.532	A
Endosulfan sulfate	ND		ug/kg	0.663	0.316	A
Methoxychlor	ND		ug/kg	2.98	0.928	A
Toxaphene	ND		ug/kg	29.8	8.36	A
cis-Chlordane	ND		ug/kg	1.99	0.554	A
trans-Chlordane	ND		ug/kg	1.99	0.525	A
Chlordane	ND		ug/kg	13.3	5.27	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/26/24 08:55
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/25/24 16:57
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1939266-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/26/24 20:18
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 06/26/24 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 30 Batch: WG1939408-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/26/24 20:18
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 06/26/24 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 30 Batch: WG1939408-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	60		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 30 Batch: WG1938239-2 WG1938239-3									
2,4-D	96		93		30-150	3		25	A
2,4,5-T	116		112		30-150	4		25	A
2,4,5-TP (Silvex)	105		102		30-150	3		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	106		104		30-150	A
DCAA	120		118		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab	Associated sample(s):	01-02,05-06,09-10,13-14,17-18,21-22,25-26,29			Batch:	WG1938703-2		WG1938703-3	
2,4-D	89		96		30-150	8		30	A
2,4,5-T	92		98		30-150	6		30	A
2,4,5-TP (Silvex)	87		92		30-150	6		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	92		93		30-150	A
DCAA	95		99		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1939266-2 WG1939266-3									
Delta-BHC	96		93		30-150	3		30	A
Lindane	90		85		30-150	6		30	A
Alpha-BHC	92		86		30-150	7		30	A
Beta-BHC	87		83		30-150	5		30	A
Heptachlor	90		87		30-150	3		30	A
Aldrin	88		84		30-150	5		30	A
Heptachlor epoxide	79		76		30-150	4		30	A
Endrin	96		92		30-150	4		30	A
Endrin aldehyde	83		82		30-150	1		30	A
Endrin ketone	97		94		30-150	3		30	A
Dieldrin	99		95		30-150	4		30	A
4,4'-DDE	88		84		30-150	5		30	A
4,4'-DDD	97		94		30-150	3		30	A
4,4'-DDT	102		99		30-150	3		30	A
Endosulfan I	89		85		30-150	5		30	A
Endosulfan II	94		90		30-150	4		30	A
Endosulfan sulfate	85		83		30-150	2		30	A
Methoxychlor	119		116		30-150	3		30	A
cis-Chlordane	84		80		30-150	5		30	A
trans-Chlordane	98		95		30-150	3		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1939266-2 WG1939266-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		84		30-150	A
Decachlorobiphenyl	94		97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		91		30-150	B
Decachlorobiphenyl	98		105		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 30 Batch: WG1939408-2 WG1939408-3									
Delta-BHC	80		62		30-150	**24**	Q	20	A
Lindane	81		68		30-150	17		20	A
Alpha-BHC	84		71		30-150	17		20	A
Beta-BHC	87		73		30-150	17		20	A
Heptachlor	86		73		30-150	17		20	A
Aldrin	82		70		30-150	17		20	A
Heptachlor epoxide	83		71		30-150	16		20	A
Endrin	86		73		30-150	16		20	A
Endrin aldehyde	87		67		30-150	**25**	Q	20	A
Endrin ketone	92		77		30-150	18		20	A
Dieldrin	92		78		30-150	16		20	A
4,4'-DDE	85		72		30-150	16		20	A
4,4'-DDD	93		79		30-150	16		20	A
4,4'-DDT	89		75		30-150	17		20	A
Endosulfan I	82		69		30-150	16		20	A
Endosulfan II	90		73		30-150	20		20	A
Endosulfan sulfate	87		67		30-150	**26**	Q	20	A
Methoxychlor	109		92		30-150	16		20	A
cis-Chlordane	75		67		30-150	10		20	A
trans-Chlordane	92		79		30-150	15		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 30 Batch: WG1939408-2 WG1939408-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		59		30-150	A
Decachlorobiphenyl	89		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		64		30-150	B
Decachlorobiphenyl	75		68		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 QC Batch ID: WG1938703-4 WG1938703-5 QC Sample: L2434640-01 Client ID: E12_0-0.2													
2,4-D	ND	213	208J	98		210J	97		30-150	1		30	A
2,4,5-T	ND	213	208J	98		207J	96		30-150	0		30	A
2,4,5-TP (Silvex)	ND	213	202J	95		202J	94		30-150	0		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	93		93		30-150	A
DCAA	92		92		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 QC Batch ID: WG1939266-4 WG1939266-5 QC Sample: L2434640-01 Client ID: E12_0-0.2													
Delta-BHC	ND	42.8	123	**287**	Q	127	**294**	Q	30-150	3		50	A
Lindane	ND	42.8	28.7	67		28.7	67		30-150	0		50	A
Alpha-BHC	ND	42.8	30.4	71		31.5	73		30-150	4		50	A
Beta-BHC	ND	42.8	30.2	71		31.2	72		30-150	3		50	A
Heptachlor	0.595J	42.8	32.4	76		32.0	74		30-150	1		50	B
Aldrin	ND	42.8	29.1	68		28.8	67		30-150	1		50	A
Heptachlor epoxide	281	42.8	317	84		313	74		30-150	1		50	B
Endrin	ND	42.8	35.0	82		34.3	80		30-150	2		50	A
Endrin aldehyde	ND	42.8	35.9	84		34.4	80		30-150	4		50	A
Endrin ketone	ND	42.8	34.1	80		33.3	77		30-150	2		50	A
Dieldrin	113	42.8	151	89		148	81		30-150	2		50	B
4,4'-DDE	39.2	42.8	73.2	79		72.4	77		30-150	1		50	B
4,4'-DDD	ND	42.8	40.4	94		35.8	83		30-150	12		50	A
4,4'-DDT	15.5	42.8	50.5	82		49.6	79		30-150	2		50	B
Endosulfan I	ND	42.8	37.3	87		36.5	85		30-150	2		50	A
Endosulfan II	ND	42.8	35.3	83		34.8	81		30-150	1		50	A
Endosulfan sulfate	ND	42.8	35.3	83		34.5	80		30-150	2		50	A
Methoxychlor	ND	42.8	38.9	91		36.3	84		30-150	7		50	A
cis-Chlordane	187IP	42.8	218	72		217	70		30-150	0		50	B
trans-Chlordane	194	42.8	241	110		236	97		30-150	2		50	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 QC Batch ID: WG1939266-4 WG1939266-5 QC Sample: L2434640-01 Client ID: E12_0-0.2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		60		30-150	A
Decachlorobiphenyl	65		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		67		30-150	B
Decachlorobiphenyl	96		93		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-01 Date Collected: 06/19/24 08:50

Client ID: E12_0-0.2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13700		mg/kg	10.1	2.73	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Antimony, Total	0.808	J	mg/kg	5.06	0.384	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Arsenic, Total	176		mg/kg	1.01	0.210	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Barium, Total	71.8		mg/kg	1.01	0.176	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.490	J	mg/kg	0.506	0.033	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Cadmium, Total	2.45		mg/kg	1.01	0.099	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Calcium, Total	1060		mg/kg	10.1	3.54	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Chromium, Total	138		mg/kg	1.01	0.097	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.41		mg/kg	2.02	0.168	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Copper, Total	23.5		mg/kg	1.01	0.261	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Iron, Total	17600		mg/kg	5.06	0.914	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Lead, Total	94.4		mg/kg	5.06	0.271	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Magnesium, Total	3200		mg/kg	10.1	1.56	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Manganese, Total	369		mg/kg	1.01	0.161	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Mercury, Total	3.94		mg/kg	0.164	0.107	2	06/26/24 09:40	06/26/24 12:36	EPA 7471B	1,7471B	MJR
Nickel, Total	13.9		mg/kg	2.53	0.245	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Potassium, Total	863		mg/kg	253	14.6	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Selenium, Total	0.440	J	mg/kg	2.02	0.261	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Silver, Total	1.01		mg/kg	0.506	0.286	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Sodium, Total	34.0	J	mg/kg	202	3.19	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Thallium, Total	0.384	J	mg/kg	2.02	0.319	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.7		mg/kg	1.01	0.205	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL
Zinc, Total	101		mg/kg	5.06	0.296	2	06/26/24 09:00	06/26/24 12:41	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-02 Date Collected: 06/19/24 08:55

Client ID: E12_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16400		mg/kg	9.26	2.50	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.63	0.352	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Arsenic, Total	35.2		mg/kg	0.926	0.193	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Barium, Total	68.6		mg/kg	0.926	0.161	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.509		mg/kg	0.463	0.031	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.176	J	mg/kg	0.926	0.091	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Calcium, Total	535		mg/kg	9.26	3.24	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Chromium, Total	30.9		mg/kg	0.926	0.089	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.60		mg/kg	1.85	0.154	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Copper, Total	19.0		mg/kg	0.926	0.239	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Iron, Total	24800		mg/kg	4.63	0.836	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Lead, Total	9.40		mg/kg	4.63	0.248	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Magnesium, Total	4080		mg/kg	9.26	1.43	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Manganese, Total	339		mg/kg	0.926	0.147	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Mercury, Total	0.366		mg/kg	0.074	0.048	1	06/26/24 09:40	06/26/24 11:30	EPA 7471B	1,7471B	MJR
Nickel, Total	15.0		mg/kg	2.32	0.224	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Potassium, Total	1770		mg/kg	232	13.3	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.85	0.239	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.463	0.262	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Sodium, Total	40.2	J	mg/kg	185	2.92	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Thallium, Total	0.718	J	mg/kg	1.85	0.292	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Vanadium, Total	34.7		mg/kg	0.926	0.188	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL
Zinc, Total	44.7		mg/kg	4.63	0.271	2	06/26/24 09:00	06/26/24 12:31	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-05 Date Collected: 06/19/24 09:35

Client ID: E13_0-0.2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14000		mg/kg	9.59	2.59	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Antimony, Total	1.32	J	mg/kg	4.79	0.364	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Arsenic, Total	150		mg/kg	0.959	0.199	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Barium, Total	64.1		mg/kg	0.959	0.167	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.508		mg/kg	0.479	0.032	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Cadmium, Total	1.99		mg/kg	0.959	0.094	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Calcium, Total	1260		mg/kg	9.59	3.36	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Chromium, Total	125		mg/kg	0.959	0.092	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.92		mg/kg	1.92	0.159	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Copper, Total	22.2		mg/kg	0.959	0.247	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Iron, Total	17200		mg/kg	4.79	0.866	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Lead, Total	64.6		mg/kg	4.79	0.257	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Magnesium, Total	3270		mg/kg	9.59	1.48	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Manganese, Total	351		mg/kg	0.959	0.152	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Mercury, Total	3.07		mg/kg	0.157	0.102	2	06/26/24 09:40	06/26/24 12:46	EPA 7471B	1,7471B	MJR
Nickel, Total	13.6		mg/kg	2.40	0.232	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Potassium, Total	711		mg/kg	240	13.8	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Selenium, Total	0.574	J	mg/kg	1.92	0.247	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Silver, Total	0.914		mg/kg	0.479	0.271	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Sodium, Total	40.2	J	mg/kg	192	3.02	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Thallium, Total	0.457	J	mg/kg	1.92	0.302	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.5		mg/kg	0.959	0.195	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL
Zinc, Total	92.8		mg/kg	4.79	0.281	2	06/26/24 09:00	06/26/24 12:34	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-06 Date Collected: 06/19/24 09:40

Client ID: E13_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16000		mg/kg	9.32	2.52	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.66	0.354	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Arsenic, Total	6.11		mg/kg	0.932	0.194	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Barium, Total	60.9		mg/kg	0.932	0.162	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.494		mg/kg	0.466	0.031	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.932	0.091	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Calcium, Total	377		mg/kg	9.32	3.26	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Chromium, Total	17.9		mg/kg	0.932	0.090	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.49		mg/kg	1.86	0.155	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Copper, Total	9.39		mg/kg	0.932	0.240	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Iron, Total	19100		mg/kg	4.66	0.842	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Lead, Total	9.06		mg/kg	4.66	0.250	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Magnesium, Total	3260		mg/kg	9.32	1.44	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Manganese, Total	186		mg/kg	0.932	0.148	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Mercury, Total	0.082		mg/kg	0.076	0.050	1	06/26/24 09:40	06/26/24 11:43	EPA 7471B	1,7471B	MJR
Nickel, Total	12.6		mg/kg	2.33	0.226	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Potassium, Total	546		mg/kg	233	13.4	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.86	0.240	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.466	0.264	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Sodium, Total	29.3	J	mg/kg	186	2.94	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Thallium, Total	0.568	J	mg/kg	1.86	0.294	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Vanadium, Total	25.8		mg/kg	0.932	0.189	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL
Zinc, Total	44.7		mg/kg	4.66	0.273	2	06/26/24 09:00	06/26/24 12:38	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-09 Date Collected: 06/19/24 10:25

Client ID: E14_0-0.2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16500		mg/kg	10.0	2.71	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Antimony, Total	0.868	J	mg/kg	5.01	0.381	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Arsenic, Total	124		mg/kg	1.00	0.208	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Barium, Total	67.5		mg/kg	1.00	0.174	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.570		mg/kg	0.501	0.033	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Cadmium, Total	1.33		mg/kg	1.00	0.098	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Calcium, Total	996		mg/kg	10.0	3.51	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Chromium, Total	98.2		mg/kg	1.00	0.096	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.59		mg/kg	2.00	0.166	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Copper, Total	19.6		mg/kg	1.00	0.259	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Iron, Total	18500		mg/kg	5.01	0.905	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Lead, Total	40.9		mg/kg	5.01	0.269	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Magnesium, Total	3410		mg/kg	10.0	1.54	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Manganese, Total	534		mg/kg	1.00	0.159	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Mercury, Total	0.970		mg/kg	0.083	0.054	1	06/26/24 09:40	06/26/24 11:47	EPA 7471B	1,7471B	MJR
Nickel, Total	14.5		mg/kg	2.51	0.243	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Potassium, Total	658		mg/kg	251	14.4	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Selenium, Total	0.633	J	mg/kg	2.00	0.259	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Silver, Total	0.748		mg/kg	0.501	0.284	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Sodium, Total	40.3	J	mg/kg	200	3.16	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Thallium, Total	0.521	J	mg/kg	2.00	0.316	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Vanadium, Total	29.8		mg/kg	1.00	0.204	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL
Zinc, Total	84.6		mg/kg	5.01	0.294	2	06/26/24 09:00	06/26/24 13:18	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-10 Date Collected: 06/19/24 10:30

Client ID: E14_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11800		mg/kg	8.86	2.39	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.43	0.336	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Arsenic, Total	3.41		mg/kg	0.886	0.184	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Barium, Total	42.4		mg/kg	0.886	0.154	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.372	J	mg/kg	0.443	0.029	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.886	0.087	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Calcium, Total	492		mg/kg	8.86	3.10	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Chromium, Total	17.1		mg/kg	0.886	0.085	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.78		mg/kg	1.77	0.147	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Copper, Total	11.6		mg/kg	0.886	0.228	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Iron, Total	14100		mg/kg	4.43	0.800	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Lead, Total	4.95		mg/kg	4.43	0.237	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Magnesium, Total	3520		mg/kg	8.86	1.36	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Manganese, Total	215		mg/kg	0.886	0.141	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Mercury, Total	0.064	J	mg/kg	0.072	0.047	1	06/26/24 09:40	06/26/24 11:50	EPA 7471B	1,7471B	MJR
Nickel, Total	12.3		mg/kg	2.21	0.214	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Potassium, Total	884		mg/kg	221	12.8	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.77	0.228	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.443	0.251	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Sodium, Total	39.5	J	mg/kg	177	2.79	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Thallium, Total	0.380	J	mg/kg	1.77	0.279	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Vanadium, Total	21.7		mg/kg	0.886	0.180	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL
Zinc, Total	33.8		mg/kg	4.43	0.259	2	06/26/24 09:00	06/26/24 13:22	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-13 Date Collected: 06/19/24 11:35

Client ID: F15_0-0.2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14000		mg/kg	9.36	2.53	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.68	0.356	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Arsenic, Total	4.74		mg/kg	0.936	0.195	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Barium, Total	47.5		mg/kg	0.936	0.163	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.371	J	mg/kg	0.468	0.031	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.936	0.092	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Calcium, Total	612		mg/kg	9.36	3.28	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Chromium, Total	18.6		mg/kg	0.936	0.090	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.92		mg/kg	1.87	0.155	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Copper, Total	14.4		mg/kg	0.936	0.242	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Iron, Total	22000		mg/kg	4.68	0.845	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Lead, Total	6.36		mg/kg	4.68	0.251	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Magnesium, Total	3770		mg/kg	9.36	1.44	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Manganese, Total	724		mg/kg	0.936	0.149	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Mercury, Total	0.062	J	mg/kg	0.077	0.050	1	06/26/24 09:40	06/26/24 11:53	EPA 7471B	1,7471B	MJR
Nickel, Total	12.5		mg/kg	2.34	0.226	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Potassium, Total	838		mg/kg	234	13.5	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.87	0.242	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.468	0.265	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Sodium, Total	33.9	J	mg/kg	187	2.95	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Thallium, Total	0.408	J	mg/kg	1.87	0.295	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Vanadium, Total	26.0		mg/kg	0.936	0.190	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL
Zinc, Total	30.1		mg/kg	4.68	0.274	2	06/26/24 09:00	06/26/24 13:25	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-14 Date Collected: 06/19/24 11:40

Client ID: F15_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12800		mg/kg	8.75	2.36	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.38	0.332	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Arsenic, Total	4.15		mg/kg	0.875	0.182	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Barium, Total	45.0		mg/kg	0.875	0.152	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.343	J	mg/kg	0.438	0.029	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.875	0.086	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Calcium, Total	554		mg/kg	8.75	3.06	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Chromium, Total	17.1		mg/kg	0.875	0.084	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.99		mg/kg	1.75	0.145	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Copper, Total	12.7		mg/kg	0.875	0.226	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Iron, Total	19000		mg/kg	4.38	0.790	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Lead, Total	6.28		mg/kg	4.38	0.234	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Magnesium, Total	3360		mg/kg	8.75	1.35	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Manganese, Total	422		mg/kg	0.875	0.139	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/26/24 09:40	06/26/24 11:57	EPA 7471B	1,7471B	MJR
Nickel, Total	11.2		mg/kg	2.19	0.212	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Potassium, Total	727		mg/kg	219	12.6	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.75	0.226	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.438	0.248	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Sodium, Total	28.9	J	mg/kg	175	2.76	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Thallium, Total	0.343	J	mg/kg	1.75	0.276	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Vanadium, Total	23.8		mg/kg	0.875	0.178	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL
Zinc, Total	28.8		mg/kg	4.38	0.256	2	06/26/24 09:00	06/26/24 13:29	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-17 Date Collected: 06/19/24 12:20

Client ID: F14_0-0.2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15200		mg/kg	10.3	2.79	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	5.17	0.393	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Arsenic, Total	6.54		mg/kg	1.03	0.215	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Barium, Total	69.8		mg/kg	1.03	0.180	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.492	J	mg/kg	0.517	0.034	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.310	J	mg/kg	1.03	0.101	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Calcium, Total	2680		mg/kg	10.3	3.62	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Chromium, Total	26.0		mg/kg	1.03	0.099	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.28		mg/kg	2.07	0.172	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Copper, Total	18.7		mg/kg	1.03	0.267	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Iron, Total	18900		mg/kg	5.17	0.934	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Lead, Total	29.1		mg/kg	5.17	0.277	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Magnesium, Total	5280		mg/kg	10.3	1.59	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Manganese, Total	350		mg/kg	1.03	0.164	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Mercury, Total	0.328		mg/kg	0.088	0.058	1	06/26/24 09:40	06/26/24 12:00	EPA 7471B	1,7471B	MJR
Nickel, Total	14.9		mg/kg	2.58	0.250	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Potassium, Total	1100		mg/kg	258	14.9	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Selenium, Total	0.414	J	mg/kg	2.07	0.267	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.517	0.293	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Sodium, Total	44.9	J	mg/kg	207	3.26	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Thallium, Total	0.524	J	mg/kg	2.07	0.326	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Vanadium, Total	31.2		mg/kg	1.03	0.210	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL
Zinc, Total	63.4		mg/kg	5.17	0.303	2	06/26/24 09:00	06/26/24 13:32	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-18 Date Collected: 06/19/24 12:25

Client ID: F14_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12000		mg/kg	8.88	2.40	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.44	0.338	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.38		mg/kg	0.888	0.185	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Barium, Total	61.8		mg/kg	0.888	0.154	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.366	J	mg/kg	0.444	0.029	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.888	0.087	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Calcium, Total	870		mg/kg	8.88	3.11	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Chromium, Total	18.5		mg/kg	0.888	0.085	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.10		mg/kg	1.78	0.147	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Copper, Total	15.3		mg/kg	0.888	0.229	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Iron, Total	15800		mg/kg	4.44	0.802	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Lead, Total	5.43		mg/kg	4.44	0.238	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Magnesium, Total	3820		mg/kg	8.88	1.37	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Manganese, Total	343		mg/kg	0.888	0.141	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/26/24 09:40	06/26/24 12:03	EPA 7471B	1,7471B	MJR
Nickel, Total	13.6		mg/kg	2.22	0.215	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Potassium, Total	1410		mg/kg	222	12.8	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.78	0.229	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.444	0.251	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Sodium, Total	75.4	J	mg/kg	178	2.80	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Thallium, Total	0.532	J	mg/kg	1.78	0.280	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Vanadium, Total	23.5		mg/kg	0.888	0.180	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL
Zinc, Total	29.3		mg/kg	4.44	0.260	2	06/26/24 09:00	06/26/24 13:36	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-21 Date Collected: 06/19/24 13:00

Client ID: F13_0-0.2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8360		mg/kg	8.80	2.38	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.40	0.334	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Arsenic, Total	19.3		mg/kg	0.880	0.183	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Barium, Total	45.3		mg/kg	0.880	0.153	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.273	J	mg/kg	0.440	0.029	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Cadmium, Total	1.06		mg/kg	0.880	0.086	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Calcium, Total	11200		mg/kg	8.80	3.08	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Chromium, Total	21.8		mg/kg	0.880	0.085	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.37		mg/kg	1.76	0.146	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Copper, Total	15.9		mg/kg	0.880	0.227	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Iron, Total	12000		mg/kg	4.40	0.794	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Lead, Total	68.4		mg/kg	4.40	0.236	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Magnesium, Total	6930		mg/kg	8.80	1.35	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Manganese, Total	236		mg/kg	0.880	0.140	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Mercury, Total	3.91		mg/kg	0.147	0.096	2	06/26/24 09:40	06/26/24 12:49	EPA 7471B	1,7471B	MJR
Nickel, Total	9.46		mg/kg	2.20	0.213	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Potassium, Total	1120		mg/kg	220	12.7	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.76	0.227	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Silver, Total	0.258	J	mg/kg	0.440	0.249	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Sodium, Total	59.5	J	mg/kg	176	2.77	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Thallium, Total	0.337	J	mg/kg	1.76	0.277	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Vanadium, Total	16.8		mg/kg	0.880	0.179	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL
Zinc, Total	55.9		mg/kg	4.40	0.258	2	06/26/24 09:00	06/26/24 13:39	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-22 Date Collected: 06/19/24 13:05

Client ID: F13_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11700		mg/kg	9.07	2.45	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.54	0.345	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Arsenic, Total	9.56		mg/kg	0.907	0.189	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Barium, Total	75.6		mg/kg	0.907	0.158	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.339	J	mg/kg	0.454	0.030	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.113	J	mg/kg	0.907	0.089	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Calcium, Total	8210		mg/kg	9.07	3.18	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Chromium, Total	21.4		mg/kg	0.907	0.087	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.99		mg/kg	1.81	0.151	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Copper, Total	19.4		mg/kg	0.907	0.234	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Iron, Total	19200		mg/kg	4.54	0.819	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Lead, Total	34.1		mg/kg	4.54	0.243	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Magnesium, Total	8380		mg/kg	9.07	1.40	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Manganese, Total	204		mg/kg	0.907	0.144	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Mercury, Total	0.150		mg/kg	0.074	0.049	1	06/26/24 09:40	06/26/24 12:10	EPA 7471B	1,7471B	MJR
Nickel, Total	15.1		mg/kg	2.27	0.220	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Potassium, Total	3030		mg/kg	227	13.1	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.81	0.234	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.454	0.257	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Sodium, Total	62.1	J	mg/kg	181	2.86	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Thallium, Total	0.874	J	mg/kg	1.81	0.286	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.2		mg/kg	0.907	0.184	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL
Zinc, Total	49.2		mg/kg	4.54	0.266	2	06/26/24 09:00	06/26/24 13:43	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-25 Date Collected: 06/19/24 13:45

Client ID: F12_0-0.2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16800		mg/kg	9.96	2.69	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Antimony, Total	0.550	J	mg/kg	4.98	0.379	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Arsenic, Total	43.3		mg/kg	0.996	0.207	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Barium, Total	75.1		mg/kg	0.996	0.173	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.523		mg/kg	0.498	0.033	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.390	J	mg/kg	0.996	0.098	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Calcium, Total	366		mg/kg	9.96	3.49	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Chromium, Total	48.5		mg/kg	0.996	0.096	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.16		mg/kg	1.99	0.165	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Copper, Total	23.2		mg/kg	0.996	0.257	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Iron, Total	20000		mg/kg	4.98	0.900	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Lead, Total	29.2		mg/kg	4.98	0.267	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Magnesium, Total	3740		mg/kg	9.96	1.53	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Manganese, Total	377		mg/kg	0.996	0.158	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Mercury, Total	0.769		mg/kg	0.082	0.053	1	06/26/24 09:40	06/26/24 12:20	EPA 7471B	1,7471B	MJR
Nickel, Total	15.7		mg/kg	2.49	0.241	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Potassium, Total	1640		mg/kg	249	14.3	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.99	0.257	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Silver, Total	0.363	J	mg/kg	0.498	0.282	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Sodium, Total	39.6	J	mg/kg	199	3.14	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Thallium, Total	0.603	J	mg/kg	1.99	0.314	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Vanadium, Total	33.1		mg/kg	0.996	0.202	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL
Zinc, Total	58.2		mg/kg	4.98	0.292	2	06/26/24 09:00	06/26/24 13:46	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-26 Date Collected: 06/19/24 13:50

Client ID: F12_0.2-2 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13100		mg/kg	8.97	2.42	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.49	0.341	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Arsenic, Total	3.07		mg/kg	0.897	0.187	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Barium, Total	73.6		mg/kg	0.897	0.156	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.364	J	mg/kg	0.449	0.030	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.897	0.088	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Calcium, Total	274		mg/kg	8.97	3.14	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Chromium, Total	20.9		mg/kg	0.897	0.086	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.16		mg/kg	1.79	0.149	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Copper, Total	20.4		mg/kg	0.897	0.231	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Iron, Total	18100		mg/kg	4.49	0.810	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Lead, Total	4.80		mg/kg	4.49	0.240	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Magnesium, Total	3810		mg/kg	8.97	1.38	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Manganese, Total	257		mg/kg	0.897	0.143	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Mercury, Total	0.055	J	mg/kg	0.074	0.048	1	06/26/24 09:40	06/26/24 12:23	EPA 7471B	1,7471B	MJR
Nickel, Total	14.7		mg/kg	2.24	0.217	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Potassium, Total	2410		mg/kg	224	12.9	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.79	0.231	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.449	0.254	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Sodium, Total	49.5	J	mg/kg	179	2.83	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Thallium, Total	0.500	J	mg/kg	1.79	0.283	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.0		mg/kg	0.897	0.182	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL
Zinc, Total	35.5		mg/kg	4.49	0.263	2	06/26/24 09:00	06/26/24 13:50	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-29 Date Collected: 06/19/24 12:00

Client ID: DUP_06192024 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14100		mg/kg	9.34	2.52	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Antimony, Total	0.981	J	mg/kg	4.67	0.355	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Arsenic, Total	156		mg/kg	0.934	0.194	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Barium, Total	64.4		mg/kg	0.934	0.162	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.507		mg/kg	0.467	0.031	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Cadmium, Total	1.92		mg/kg	0.934	0.092	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Calcium, Total	1230		mg/kg	9.34	3.27	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Chromium, Total	134		mg/kg	0.934	0.090	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.05		mg/kg	1.87	0.155	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Copper, Total	21.6		mg/kg	0.934	0.241	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Iron, Total	17100		mg/kg	4.67	0.843	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Lead, Total	64.4		mg/kg	4.67	0.250	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Magnesium, Total	3270		mg/kg	9.34	1.44	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Manganese, Total	353		mg/kg	0.934	0.148	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Mercury, Total	2.94		mg/kg	0.076	0.050	1	06/26/24 09:40	06/26/24 12:26	EPA 7471B	1,7471B	MJR
Nickel, Total	13.7		mg/kg	2.33	0.226	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Potassium, Total	699		mg/kg	233	13.4	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.87	0.241	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Silver, Total	0.830		mg/kg	0.467	0.264	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Sodium, Total	34.6	J	mg/kg	187	2.94	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Thallium, Total	0.326	J	mg/kg	1.87	0.294	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.6		mg/kg	0.934	0.190	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL
Zinc, Total	91.1		mg/kg	4.67	0.274	2	06/26/24 09:00	06/26/24 14:02	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-30 Date Collected: 06/19/24 09:30

Client ID: FB_06192024 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Barium, Total	0.00025	J	mg/l	0.00050	0.00017	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/22/24 10:10	06/25/24 16:17	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/22/24 09:28	06/26/24 04:54	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434640

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 30 Batch: WG1937846-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/22/24 09:28	06/23/24 17:09	1,6020B	WKP

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 30 Batch: WG1937847-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/22/24 10:10	06/22/24 17:55	1,7470A	DJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1938877-1										
Aluminum, Total	1.44	J	mg/kg	4.00	1.08	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Antimony, Total	0.196	J	mg/kg	2.00	0.152	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Iron, Total	2.36		mg/kg	2.00	0.361	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Manganese, Total	0.090	J	mg/kg	0.400	0.064	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/26/24 09:00	06/26/24 12:24	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1938878-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/26/24 09:40	06/26/24 11:13	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 Batch: WG1937846-2								
Aluminum, Total	108		-		80-120	-		
Antimony, Total	92		-		80-120	-		
Arsenic, Total	103		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	107		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Calcium, Total	109		-		80-120	-		
Chromium, Total	105		-		80-120	-		
Cobalt, Total	103		-		80-120	-		
Copper, Total	94		-		80-120	-		
Iron, Total	113		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	103		-		80-120	-		
Manganese, Total	107		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Potassium, Total	107		-		80-120	-		
Selenium, Total	110		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	98		-		80-120	-		
Vanadium, Total	103		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 Batch: WG1937846-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 30 Batch: WG1937847-2					
Mercury, Total	93	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1938877-2					
Aluminum, Total	108	-	80-120	-	
Antimony, Total	106	-	80-120	-	
Arsenic, Total	101	-	80-120	-	
Barium, Total	104	-	80-120	-	
Beryllium, Total	105	-	80-120	-	
Cadmium, Total	105	-	80-120	-	
Calcium, Total	102	-	80-120	-	
Chromium, Total	101	-	80-120	-	
Cobalt, Total	104	-	80-120	-	
Copper, Total	104	-	80-120	-	
Iron, Total	105	-	80-120	-	
Lead, Total	102	-	80-120	-	
Magnesium, Total	101	-	80-120	-	
Manganese, Total	101	-	80-120	-	
Nickel, Total	100	-	80-120	-	
Potassium, Total	107	-	80-120	-	
Selenium, Total	101	-	80-120	-	
Silver, Total	105	-	80-120	-	
Sodium, Total	106	-	80-120	-	
Thallium, Total	103	-	80-120	-	
Vanadium, Total	103	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1938877-2					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 Batch: WG1938878-2					
Mercury, Total	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG1937846-3 QC Sample: L2435432-01 Client ID: MS Sample												
Aluminum, Total	6.23	2	8.46	112		-	-		75-125	-		20
Antimony, Total	0.00144J	0.5	0.4862	97		-	-		75-125	-		20
Arsenic, Total	0.00048J	0.12	0.1174	98		-	-		75-125	-		20
Barium, Total	0.2819	2	2.194	96		-	-		75-125	-		20
Beryllium, Total	0.00016J	0.05	0.04943	99		-	-		75-125	-		20
Cadmium, Total	0.00036	0.053	0.05234	98		-	-		75-125	-		20
Calcium, Total	168.	10	201	**330**	Q	-	-		75-125	-		20
Chromium, Total	0.00982	0.2	0.2104	100		-	-		75-125	-		20
Cobalt, Total	0.00999	0.5	0.5018	98		-	-		75-125	-		20
Copper, Total	0.01511	0.25	0.2378	89		-	-		75-125	-		20
Iron, Total	9.70	1	11.0	**130**	Q	-	-		75-125	-		20
Lead, Total	0.00331	0.53	0.5888	110		-	-		75-125	-		20
Magnesium, Total	121.	10	132	110		-	-		75-125	-		20
Manganese, Total	1.235	0.5	2.167	**186**	Q	-	-		75-125	-		20
Nickel, Total	0.01260	0.5	0.4849	94		-	-		75-125	-		20
Potassium, Total	18.4	10	29.7	113		-	-		75-125	-		20
Selenium, Total	0.00254J	0.12	0.116	97		-	-		75-125	-		20
Silver, Total	ND	0.05	0.04866	97		-	-		75-125	-		20
Sodium, Total	1390	10	1420	**300**	Q	-	-		75-125	-		20
Thallium, Total	0.00025J	0.12	0.1252	104		-	-		75-125	-		20
Vanadium, Total	0.01433	0.5	0.5305	103		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG1937846-3 QC Sample: L2435432-01 Client ID: MS Sample									
Zinc, Total	0.03753	0.5	0.5066	94	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG1937847-3 QC Sample: L2435432-02 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00473	95	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 QC Batch ID: WG1938877-3 WG1938877-4 QC Sample: L2434640-01 Client ID: E12_0-0.2												
Aluminum, Total	13700	202	14900	**595**	Q	15200	**761**	Q	75-125	2		20
Antimony, Total	0.808J	50.4	47.8	95		49.3	100		75-125	3		20
Arsenic, Total	176	12.1	188	99		205	**245**	Q	75-125	9		20
Barium, Total	71.8	202	283	105		281	106		75-125	1		20
Beryllium, Total	0.490J	5.04	5.64	112		5.58	113		75-125	1		20
Cadmium, Total	2.45	5.34	7.72	98		8.00	106		75-125	4		20
Calcium, Total	1060	1010	6570	**546**	Q	2190	115		75-125	**100**	Q	20
Chromium, Total	138	20.2	150	**59**	Q	192	**274**	Q	75-125	**25**	Q	20
Cobalt, Total	6.41	50.4	55.4	97		56.9	102		75-125	3		20
Copper, Total	23.5	25.2	50.2	106		54.4	125		75-125	8		20
Iron, Total	17600	101	18300	**694**	Q	18900	**1320**	Q	75-125	3		20
Lead, Total	94.4	53.4	174	**149**	Q	175	**154**	Q	75-125	1		20
Magnesium, Total	3200	1010	4300	109		4540	**136**	Q	75-125	5		20
Manganese, Total	369	50.4	420	101		444	**152**	Q	75-125	6		20
Nickel, Total	13.9	50.4	61.4	94		63.3	100		75-125	3		20
Potassium, Total	863	1010	2140	**127**	Q	2060	122		75-125	4		20
Selenium, Total	0.440J	12.1	12.6	104		12.4	105		75-125	2		20
Silver, Total	1.01	5.04	6.08	100		6.37	109		75-125	5		20
Sodium, Total	34.0J	1010	1150	114		1080	110		75-125	6		20
Thallium, Total	0.384J	12.1	12.1	100		12.4	105		75-125	2		20
Vanadium, Total	28.7	50.4	80.3	102		83.9	112		75-125	4		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 QC Batch ID: WG1938877-3 WG1938877-4 QC Sample: L2434640-01 Client ID: E12_0-0.2												
Zinc, Total	101	50.4	156	109		168	**136**	Q	75-125	7		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 QC Batch ID: WG1938878-3 WG1938878-4 QC Sample: L2434640-01 Client ID: E12_0-0.2												
Mercury, Total	3.94	1.64	4.17	**14**	Q	5.23	**77**	Q	80-120	**23**	Q	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG1937846-4 QC Sample: L2435432-01 Client ID: DUP Sample						
Aluminum, Total	6.23	6.44	mg/l	3		20
Antimony, Total	0.00144J	0.00047J	mg/l	NC		20
Arsenic, Total	0.00048J	0.00048J	mg/l	NC		20
Barium, Total	0.2819	0.2856	mg/l	1		20
Beryllium, Total	0.00016J	0.00018J	mg/l	NC		20
Cadmium, Total	0.00036	0.00034	mg/l	7		20
Calcium, Total	168.	174	mg/l	4		20
Chromium, Total	0.00982	0.01070	mg/l	9		20
Cobalt, Total	0.00999	0.01002	mg/l	0		20
Copper, Total	0.01511	0.01464	mg/l	3		20
Iron, Total	9.70	9.98	mg/l	3		20
Lead, Total	0.00331	0.00343	mg/l	3		20
Manganese, Total	1.235	1.273	mg/l	3		20
Nickel, Total	0.01260	0.01760	mg/l	**33**	Q	20
Potassium, Total	18.4	18.3	mg/l	1		20
Selenium, Total	0.00254J	0.00224J	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Thallium, Total	0.00025J	0.00033J	mg/l	NC		20
Vanadium, Total	0.01433	0.01614	mg/l	12		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG1937846-4 QC Sample: L2435432-01 Client ID: DUP Sample					
Zinc, Total	0.03753	0.03902	mg/l	4	20
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG1937846-4 QC Sample: L2435432-01 Client ID: DUP Sample					
Magnesium, Total	121.	130	mg/l	7	20
Sodium, Total	1390	1500	mg/l	8	20
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG1937847-4 QC Sample: L2435432-02 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2434640
Report Date: 06/27/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG1937846-6 QC Sample: L2435432-01 Client ID: DUP Sample						
Aluminum, Total	6.23	6.14	mg/l	1		20
Barium, Total	0.2819	0.2776	mg/l	2		20
Calcium, Total	168.	199.	mg/l	18		20
Iron, Total	9.70	10.3	mg/l	6		20
Manganese, Total	1.235	1.694	mg/l	**37**	Q	20
Potassium, Total	18.4	19.1	mg/l	4		20
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG1937846-6 QC Sample: L2435432-01 Client ID: DUP Sample						
Magnesium, Total	121.	129.	mg/l	7		20
Sodium, Total	1390	1540	mg/l	11		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 QC Batch ID: WG1938877-6 QC Sample: L2434640-01 Client ID: E12_0-0.2						
Aluminum, Total	13700	13900	mg/kg	1		20
Arsenic, Total	176	174	mg/kg	1		20
Barium, Total	71.8	73.2	mg/kg	2		20
Calcium, Total	1060	1080	mg/kg	2		20
Chromium, Total	138	141	mg/kg	2		20
Iron, Total	17600	18600	mg/kg	6		20
Magnesium, Total	3200	3380	mg/kg	6		20
Manganese, Total	369	379	mg/kg	3		20
Vanadium, Total	28.7	29.1	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-01
Client ID: E12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 08:50
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.8		%	0.100	NA	1	-	06/20/24 11:20	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.04	0.208	1	06/25/24 09:23	06/26/24 05:48	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-02
Client ID: E12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 08:55
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	06/20/24 11:20	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	06/25/24 19:50	06/26/24 12:51	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.948	0.190	1	06/25/24 09:23	06/26/24 05:48	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-05
Client ID: E13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 09:35
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.6		%	0.100	NA	1	-	06/20/24 11:20	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.992	0.198	1	06/25/24 09:23	06/26/24 05:48	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-06
Client ID: E13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 09:40
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	06/20/24 11:20	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/25/24 19:50	06/26/24 12:52	1,9010C/9012B	JER
Chromium, Hexavalent	0.637	J	mg/kg	0.962	0.192	1	06/25/24 09:23	06/26/24 05:48	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-09
Client ID: E14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 10:25
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.9		%	0.100	NA	1	-	06/20/24 11:20	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.04	0.208	1	06/25/24 09:23	06/26/24 05:48	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-10
Client ID: E14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 10:30
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	06/20/24 11:20	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/25/24 19:50	06/26/24 13:50	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.911	0.182	1	06/25/24 09:23	06/26/24 05:48	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-13
Client ID: F15_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 11:35
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	06/20/24 11:20	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.984	0.197	1	06/25/24 09:23	06/26/24 05:48	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-14
Client ID: F15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 11:40
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	06/20/24 11:20	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/25/24 19:50	06/26/24 12:56	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.920	0.184	1	06/25/24 09:23	06/26/24 05:48	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-17
Client ID: F14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 12:20
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.6		%	0.100	NA	1	-	06/20/24 11:20	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.10	0.220	1	06/25/24 09:23	06/26/24 05:48	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-18
Client ID: F14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 12:25
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	06/20/24 11:20	121,2540G	ROI
Cyanide, Total	0.27	J	mg/kg	1.1	0.24	1	06/25/24 19:50	06/26/24 13:20	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.913	0.183	1	06/25/24 09:23	06/26/24 05:48	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-21
Client ID: F13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 13:00
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	06/20/24 11:20	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.927	0.185	1	06/25/24 09:23	06/26/24 06:06	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-22
Client ID: F13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 13:05
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	06/20/24 11:20	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/25/24 19:50	06/26/24 13:21	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.938	0.188	1	06/25/24 09:23	06/26/24 06:06	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-25
Client ID: F12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 13:45
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.8		%	0.100	NA	1	-	06/20/24 11:20	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.03	0.206	1	06/25/24 09:23	06/26/24 06:06	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-26
Client ID: F12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 13:50
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	06/20/24 11:20	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/25/24 19:50	06/26/24 13:22	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.924	0.185	1	06/25/24 09:23	06/26/24 06:06	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-29
Client ID: DUP_06192024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/19/24 12:00
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.9		%	0.100	NA	1	-	06/20/24 11:20	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.965	0.193	1	06/25/24 09:23	06/26/24 06:06	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434640-30
Client ID: FB_06192024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Field Blank

Date Collected: 06/19/24 09:30
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/20/24 09:00	06/20/24 09:20	1,7196A	JBB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434640
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 30 Batch: WG1936929-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/20/24 09:00	06/20/24 09:19	1,7196A	JBB
General Chemistry - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1938930-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/25/24 09:23	06/26/24 05:48	1,7196A	DTH
General Chemistry - Westborough Lab for sample(s): 21-22,25-26,29 Batch: WG1938933-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/25/24 09:23	06/26/24 06:06	1,7196A	DTH
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG1939284-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	06/25/24 19:50	06/26/24 12:31	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 06,10,14,18,22,26 Batch: WG1939285-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	06/25/24 19:50	06/26/24 12:31	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 30 Batch: WG1936929-2								
Chromium, Hexavalent	96		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1938930-2								
Chromium, Hexavalent	103		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29 Batch: WG1938933-2								
Chromium, Hexavalent	103		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG1939284-2 WG1939284-3								
Cyanide, Total	104		100		80-120	4		35
General Chemistry - Westborough Lab Associated sample(s): 06,10,14,18,22,26 Batch: WG1939285-2 WG1939285-3								
Cyanide, Total	104		100		80-120	4		35

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 30 QC Batch ID: WG1936929-4 QC Sample: L2434640-30 Client ID: FB_06192024												
Chromium, Hexavalent	ND	0.1	0.093	93		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1938930-4 WG1938930-5 QC Sample: L2434640-01 Client ID: E12_0-0.2												
Chromium, Hexavalent	ND	1330	861	**65**	Q	821	**65**	Q	75-125	0		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29 QC Batch ID: WG1938933-4 QC Sample: L2434640-21 Client ID: F13_0-0.2												
Chromium, Hexavalent	ND	1300	1250	96		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1939284-4 WG1939284-5 QC Sample: L2434562-03 Client ID: MS Sample												
Cyanide, Total	ND	25	24	96		25	95		75-125	1		35
General Chemistry - Westborough Lab Associated sample(s): 06,10,14,18,22,26 QC Batch ID: WG1939285-4 WG1939285-5 QC Sample: L2434640-06 Client ID: E13_0.2-2												
Cyanide, Total	ND	11	11	100		12	100		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434640

Report Date: 06/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 30 QC Batch ID: WG1936929-3 QC Sample: L2434640-30 Client ID: FB_06192024						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29 QC Batch ID: WG1936979-1 QC Sample: L2434622-09 Client ID: DUP Sample						
Solids, Total	90.2	87.7	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1938930-7 QC Sample: L2434640-01 Client ID: E12_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29 QC Batch ID: WG1938933-6 QC Sample: L2434640-21 Client ID: F13_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434640-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2434640-01A1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2434640-01A2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2434640-01B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434640-01B1	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434640-01B2	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434640-01C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2434640-01C1	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2434640-01C2	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2434640-02A	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-02B	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-02C	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434640-02D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2434640-02E	Plastic 2oz unpreserved for TS	C	NA		2.2	Y	Absent		TS(7)
L2434640-02F	Glass 120ml/4oz unpreserved	C	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434640-02G	Glass 500ml/16oz unpreserved	C	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434640-02X	Vial MeOH preserved split	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-02Y	Vial Water preserved split	C	NA		2.2	Y	Absent	20-JUN-24 07:57	NYTCL-8260HLW(14)
L2434640-02Z	Vial Water preserved split	C	NA		2.2	Y	Absent	20-JUN-24 07:57	NYTCL-8260HLW(14)
L2434640-03A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		HOLD-METAL(180)
L2434640-03B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434640-03C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2434640-04A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		HOLD-METAL(180)
L2434640-04B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434640-04C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2434640-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2434640-05B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434640-05C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2434640-06A	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-06B	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-06C	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434640-06D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2434640-06E	Plastic 2oz unpreserved for TS	C	NA		2.2	Y	Absent		TS(7)
L2434640-06F	Glass 120ml/4oz unpreserved	C	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434640-06G	Glass 500ml/16oz unpreserved	C	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434640-06X	Vial MeOH preserved split	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-06Y	Vial Water preserved split	C	NA		2.2	Y	Absent	20-JUN-24 07:57	NYTCL-8260HLW(14)
L2434640-06Z	Vial Water preserved split	C	NA		2.2	Y	Absent	20-JUN-24 07:57	NYTCL-8260HLW(14)
L2434640-07A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		HOLD-METAL(180)
L2434640-07B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434640-07C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2434640-08A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		HOLD-METAL(180)
L2434640-08B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434640-08C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2434640-09A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2434640-09B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434640-09C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2434640-10A	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-10B	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-10C	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434640-10D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2434640-10E	Plastic 2oz unpreserved for TS	C	NA		2.2	Y	Absent		TS(7)
L2434640-10F	Glass 120ml/4oz unpreserved	C	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434640-10G	Glass 500ml/16oz unpreserved	C	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434640-10X	Vial MeOH preserved split	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-10Y	Vial Water preserved split	C	NA		2.2	Y	Absent	20-JUN-24 07:57	NYTCL-8260HLW(14)
L2434640-10Z	Vial Water preserved split	C	NA		2.2	Y	Absent	20-JUN-24 07:57	NYTCL-8260HLW(14)
L2434640-11A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		HOLD-METAL(180)
L2434640-11B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434640-11C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2434640-12A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		HOLD-METAL(180)
L2434640-12B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434640-12C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2434640-13A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2434640-13B	Glass 120ml/4oz unpreserved	B	NA		2.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434640-13C	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2434640-14A	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-14B	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-14C	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434640-14D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2434640-14E	Plastic 2oz unpreserved for TS	C	NA		2.2	Y	Absent		TS(7)
L2434640-14F	Glass 120ml/4oz unpreserved	C	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434640-14G	Glass 500ml/16oz unpreserved	C	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434640-14X	Vial MeOH preserved split	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-14Y	Vial Water preserved split	C	NA		2.2	Y	Absent	20-JUN-24 07:57	NYTCL-8260HLW(14)
L2434640-14Z	Vial Water preserved split	C	NA		2.2	Y	Absent	20-JUN-24 07:57	NYTCL-8260HLW(14)
L2434640-15A	Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		HOLD-METAL(180)
L2434640-15B	Glass 120ml/4oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434640-15C	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2434640-16A	Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		HOLD-METAL(180)
L2434640-16B	Glass 120ml/4oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434640-16C	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2434640-17A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2434640-17B	Glass 120ml/4oz unpreserved	B	NA		2.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434640-17C	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2434640-18A	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-18B	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-18C	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434640-18D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2434640-18E	Plastic 2oz unpreserved for TS	C	NA		2.2	Y	Absent		TS(7)
L2434640-18F	Glass 120ml/4oz unpreserved	C	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434640-18G	Glass 500ml/16oz unpreserved	C	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434640-18X	Vial MeOH preserved split	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-18Y	Vial Water preserved split	C	NA		2.2	Y	Absent	20-JUN-24 07:57	NYTCL-8260HLW(14)
L2434640-18Z	Vial Water preserved split	C	NA		2.2	Y	Absent	20-JUN-24 07:57	NYTCL-8260HLW(14)
L2434640-19A	Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		HOLD-METAL(180)
L2434640-19B	Glass 120ml/4oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434640-19C	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2434640-20A	Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		HOLD-METAL(180)
L2434640-20B	Glass 120ml/4oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434640-20C	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2434640-21A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2434640-21B	Glass 120ml/4oz unpreserved	B	NA		2.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434640-21C	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2434640-22A	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-22B	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-22C	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434640-22D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2434640-22E	Plastic 2oz unpreserved for TS	C	NA		2.2	Y	Absent		TS(7)
L2434640-22F	Glass 120ml/4oz unpreserved	C	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434640-22G	Glass 500ml/16oz unpreserved	C	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434640-22X	Vial MeOH preserved split	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-22Y	Vial Water preserved split	C	NA		2.2	Y	Absent	20-JUN-24 07:57	NYTCL-8260HLW(14)
L2434640-22Z	Vial Water preserved split	C	NA		2.2	Y	Absent	20-JUN-24 07:57	NYTCL-8260HLW(14)
L2434640-23A	Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		HOLD-METAL(180)
L2434640-23B	Glass 120ml/4oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434640-23C	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2434640-24A	Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		HOLD-METAL(180)
L2434640-24B	Glass 120ml/4oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434640-24C	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2434640-25A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2434640-25B	Glass 120ml/4oz unpreserved	B	NA		2.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434640-25C	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2434640-26A	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-26B	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-26C	5 gram Encore Sampler	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434640-26D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2434640-26E	Plastic 2oz unpreserved for TS	C	NA		2.2	Y	Absent		TS(7)
L2434640-26F	Glass 120ml/4oz unpreserved	C	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434640-26G	Glass 500ml/16oz unpreserved	C	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2434640-26X	Vial MeOH preserved split	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2434640-26Y	Vial Water preserved split	C	NA		2.2	Y	Absent	20-JUN-24 07:57	NYTCL-8260HLW(14)
L2434640-26Z	Vial Water preserved split	C	NA		2.2	Y	Absent	20-JUN-24 07:57	NYTCL-8260HLW(14)
L2434640-27A	Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		HOLD-METAL(180)
L2434640-27B	Glass 120ml/4oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434640-27C	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2434640-28A	Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		HOLD-METAL(180)
L2434640-28B	Glass 120ml/4oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2434640-28C	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2434640-29A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2434640-29B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2434640-29C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2434640-30A	Amber 120ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2434640-30B	Amber 120ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434640
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434640-30C	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		BA-6020T(180),FE-6020T(180),TL-6020T(180),SE-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2434640-30D	Plastic 250ml unpreserved	A	7	7	2.4	Y	Absent		HEXCR-7196(1)
L2434640-30E	Amber 1000ml unpreserved	A	7	7	2.4	Y	Absent		HERB-APA(7)
L2434640-30F	Amber 1000ml unpreserved	A	7	7	2.4	Y	Absent		HERB-APA(7)
L2434640-31A	Vial HCl preserved	C	NA		2.2	Y	Absent		NYTCL-8260(14)
L2434640-31B	Vial HCl preserved	C	NA		2.2	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434640
Project Number:	3858.0004Y000	**Report Date:**	06/27/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434640
Project Number:	3858.0004Y000	**Report Date:**	06/27/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434640
Project Number:	3858.0004Y000	**Report Date:**	06/27/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434640
Project Number:	3858.0004Y000	**Report Date:**	06/27/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Page 1 of 4

Date Rec'd in Lab: 6/20/24

ALPHA Job #: L2434640

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
34640-01	E12-0-0.2	6/19/24	0850	S	EL			X	X	X	X			MS/MSD	9
02	E12-0.2-2		0855	S	EL	X	X	X	X	X	X	X	X		7
03	E12-2-4		0900	S	EL			H	H	H	H			HOLD	3
04	E12-4-6		0905	S	EL			H	H	H	H			HOLD	3
05	E13-0-0.2		0935	S	EL			X	X	X	X				3
06	E13-0.2-2		0940	S	EL	X	X	X	X	X	X	X	X		7
07	E13-2-4		0945	S	EL			H	H	H	H			HOLD	3
08	E13-4-6		0950	S	EL			H	H	H	H			HOLD	3
09	E14-0-0.2		1025	S	EL			X	X	X	X				3
10	E14-0.2-2		1030	S	EL	X	X	X	X	X	X	X	X		7

Container Type	E	A	A	A	A	A	A	A	
Preservative	A	A	A	A	A	A	A	A	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/19/24 1445	GJAC (PACE)	6/19/24, 14:45
GJAC	6/19/24, 18:28	NJSC	6/19/24, 18:28
NJSC	6/19/24, 18:28		6/19/24 19:00
	6/19/24 6/20 R00		6/20/24 0200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ~~4~~ 2 of 4

Date Rec'd in Lab: 6/20/24

ALPHA Job #: L2434640

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
34640-11	FI4-2-4	6/19/24	1035	S	RL			H	H	H	H			HOLD	3
12	FI4-4-6	"	1040	S	RL			H	H	H	H			HOLD	3
13	FI5-0-0.2		1135	S	RL			X	X	X	X				3
14	FI5-0.2-2		1140	S	RL	X	X	X	X	X	X	X	X		7
15	FI5-2-4		1145	S	RL			H	H	H	H			HOLD	3
16	FI5-4-6		1150	S	RL			H	H	H	H			HOLD	3
17	FI4-0-0.2		1220	S	RL			X	X	X	X				3
18	FI4-0.2-2		1225	S	RL	X	X	X	X	X	X	X	X		7
19	FI4-2-4		1230	S	RL			H	H	H	H			HOLD	3
20	FI4-4-6		1235	S	RL			H	H	H	H			HOLD	3

Container Type	E	A	A	A	A	A	A	A					
Preservative	A	A	A	A	A	A	A	A					

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
RL	6/19/24 1445	GJAC (PACE)	6/19/24, 14:45
GJAC	6/19/24, 18:28	NJSC	6/19/24, 18:28
NJSC	6/19/24, 18:28		6/19/24 2330
	6/19/24 2330		6/20/24 0200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 4

Date Rec'd in Lab: 6/20/24

ALPHA Job #: L2434640

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
34640-21	F13-0-0.2	6/19/24	1300	S	EL			X	X	X	X				3
22	F13-0.2-2		1305	S	EL	X	X	X	X	X	X	X	X		7
23	F13-2-4		1310	S	EL			H	H	H	H			HOLD	3
24	F13-4-6		1315	S	EL			H	H	H	H			HOLD	3
25	F12-0-0.2		1345	S	EL			X	X	X	X				3
26	F12-0.2-2		1350	S	EL	X	X	X	X	X	X	X	X		7
27	F12-2-4		1355	S	EL			H	H	H	H			HOLD	3
28	F12-4-6		1400	S	EL			H	H	H	H			HOLD	3
29	DUP-06192024		1200	S	EL			X	X	X	X				3
30	FB-06192024		0930	W	EL			X	X	X	X				6
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/19/24 1445	GJAC (PACE)	6/19/24, 14:45
GJAC	6/19/24, 15:25	NJSC	6/19/24, 15:24
NJSC	6/19/24, 15:25		6/19/24 19:01
	6/19/24 2330		6/20 0200
			6/20/24 0200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 4 of 4

Date Rec'd in Lab: 6/20/24

ALPHA Job #: L2434640

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☑ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
34640-31	TB-06192024	6/10/24	—	W	EA	X									2

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EA	6/19/24 1445	GJAC (PACE)	6/19/24, 14:45
GJAC	6/19/24, 18:25	NJSC	6/19/24, 18:25
NJSC	6/19/24, 18:25		6/19/24 19:0
	6/19/24		6/19 2330
	6/20 200		6/20/24 0200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2434763
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/24/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434763
Report Date: 06/24/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2434763-01	B13_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 09:10	06/11/24
L2434763-02	B12_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 09:50	06/11/24
L2434763-03	B11_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 10:40	06/11/24
L2434763-04	B9_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 12:15	06/11/24
L2434763-05	B8_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 13:10	06/11/24
L2434763-06	B7_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 13:50	06/11/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434763
Project Number:	3858.0004Y000	**Report Date:**	06/24/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434763
Project Number:	3858.0004Y000	**Report Date:**	06/24/24

Case Narrative (continued)

Report Submission

June 24, 2024: This final report includes the results of all requested analyses.

June 21, 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2434763-01, -03, -05 and -06: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/24/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434763
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-01
Client ID: B13_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 17:47
Analyst: MMG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/21/24 13:31
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.369	1	A
Lindane	ND		ug/kg	0.785	0.351	1	A
Alpha-BHC	ND		ug/kg	0.785	0.223	1	A
Beta-BHC	ND		ug/kg	1.88	0.714	1	A
Heptachlor	ND		ug/kg	0.942	0.422	1	A
Aldrin	ND		ug/kg	1.88	0.663	1	A
Heptachlor epoxide	ND		ug/kg	3.53	1.06	1	A
Endrin	ND		ug/kg	0.785	0.322	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.824	1	A
Endrin ketone	ND		ug/kg	1.88	0.485	1	A
Dieldrin	ND		ug/kg	1.18	0.589	1	A
4,4'-DDE	ND		ug/kg	1.88	0.436	1	A
4,4'-DDD	ND		ug/kg	1.88	0.672	1	A
4,4'-DDT	ND		ug/kg	1.88	1.52	1	A
Endosulfan I	ND		ug/kg	1.88	0.445	1	A
Endosulfan II	ND		ug/kg	1.88	0.630	1	A
Endosulfan sulfate	ND		ug/kg	0.785	0.374	1	A
Methoxychlor	ND		ug/kg	3.53	1.10	1	A
Toxaphene	ND		ug/kg	35.3	9.89	1	A
cis-Chlordane	ND		ug/kg	2.36	0.656	1	A
trans-Chlordane	ND		ug/kg	2.36	0.622	1	A
Chlordane	ND		ug/kg	15.7	6.24	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434763

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-01 Date Collected: 06/11/24 09:10

Client ID: B13_2-4 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434763
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-02
Client ID: B12_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:50
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 18:00
Analyst: MMG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/21/24 13:31
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.743	0.332	1	A
Alpha-BHC	ND		ug/kg	0.743	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.676	1	A
Heptachlor	ND		ug/kg	0.891	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.628	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.743	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.780	1	A
Endrin ketone	ND		ug/kg	1.78	0.459	1	A
Dieldrin	ND		ug/kg	1.11	0.557	1	A
4,4'-DDE	282		ug/kg	1.78	0.412	1	B
4,4'-DDD	19.6		ug/kg	1.78	0.636	1	A
4,4'-DDT	27.2		ug/kg	1.78	1.43	1	B
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	ND		ug/kg	1.78	0.596	1	A
Endosulfan sulfate	ND		ug/kg	0.743	0.354	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.36	1	A
cis-Chlordane	ND		ug/kg	2.23	0.621	1	A
trans-Chlordane	ND		ug/kg	2.23	0.588	1	A
Chlordane	ND		ug/kg	14.8	5.90	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434763

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-02 Date Collected: 06/11/24 09:50

Client ID: B12_2-4 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434763
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-03
Client ID: B11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 10:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 18:24
Analyst: MMG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/21/24 13:31
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.696	0.311	1	A
Alpha-BHC	ND		ug/kg	0.696	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.634	1	A
Heptachlor	ND		ug/kg	0.836	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.588	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.940	1	A
Endrin	ND		ug/kg	0.696	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.731	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	ND		ug/kg	1.04	0.522	1	A
4,4'-DDE	ND		ug/kg	1.67	0.386	1	A
4,4'-DDD	ND		ug/kg	1.67	0.596	1	A
4,4'-DDT	ND		ug/kg	1.67	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.558	1	A
Endosulfan sulfate	ND		ug/kg	0.696	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.975	1	A
Toxaphene	ND		ug/kg	31.3	8.77	1	A
cis-Chlordane	ND		ug/kg	2.09	0.582	1	A
trans-Chlordane	ND		ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.9	5.54	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434763

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-03 Date Collected: 06/11/24 10:40

Client ID: B11_2-4 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2434763
Project Number: 3858.0004Y000
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-04
Client ID: B9_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 12:15
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 18:37
Analyst: MMG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/21/24 13:31
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.742	0.332	1	A
Alpha-BHC	ND		ug/kg	0.742	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.675	1	A
Heptachlor	ND		ug/kg	0.890	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.627	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.742	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.779	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	ND		ug/kg	1.11	0.556	1	A
4,4'-DDE	ND		ug/kg	1.78	0.412	1	A
4,4'-DDD	ND		ug/kg	1.78	0.635	1	A
4,4'-DDT	ND		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	ND		ug/kg	1.78	0.595	1	A
Endosulfan sulfate	ND		ug/kg	0.742	0.353	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.35	1	A
cis-Chlordane	ND		ug/kg	2.23	0.620	1	A
trans-Chlordane	ND		ug/kg	2.23	0.588	1	A
Chlordane	ND		ug/kg	14.8	5.90	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434763

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-04 Date Collected: 06/11/24 12:15

Client ID: B9_2-4 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434763
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-05
Client ID: B8_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 18:49
Analyst: MMG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/21/24 13:31
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.715	0.320	1	A
Alpha-BHC	ND		ug/kg	0.715	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.650	1	A
Heptachlor	ND		ug/kg	0.858	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.604	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.965	1	A
Endrin	ND		ug/kg	0.715	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.751	1	A
Endrin ketone	ND		ug/kg	1.72	0.442	1	A
Dieldrin	ND		ug/kg	1.07	0.536	1	A
4,4'-DDE	ND		ug/kg	1.72	0.397	1	A
4,4'-DDD	ND		ug/kg	1.72	0.612	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.405	1	A
Endosulfan II	ND		ug/kg	1.72	0.573	1	A
Endosulfan sulfate	ND		ug/kg	0.715	0.340	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.01	1	A
cis-Chlordane	ND		ug/kg	2.14	0.598	1	A
trans-Chlordane	ND		ug/kg	2.14	0.566	1	A
Chlordane	ND		ug/kg	14.3	5.68	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434763

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-05 Date Collected: 06/11/24 13:10

Client ID: B8_2-4 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434763
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-06
Client ID: B7_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 13:50
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 19:02
Analyst: MMG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/21/24 13:31
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.700	0.313	1	A
Alpha-BHC	ND		ug/kg	0.700	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.637	1	A
Heptachlor	ND		ug/kg	0.840	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.945	1	A
Endrin	ND		ug/kg	0.700	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.735	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.525	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.599	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.700	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.980	1	A
Toxaphene	ND		ug/kg	31.5	8.82	1	A
cis-Chlordane	ND		ug/kg	2.10	0.585	1	A
trans-Chlordane	ND		ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	14.0	5.57	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434763

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-06 Date Collected: 06/11/24 13:50

Client ID: B7_2-4 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434763
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/22/24 14:16
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 06/21/24 13:29
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-06 Batch: WG1937670-1						
Delta-BHC	ND		ug/kg	1.53	0.299	A
Lindane	ND		ug/kg	0.636	0.284	A
Alpha-BHC	ND		ug/kg	0.636	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.579	A
Heptachlor	ND		ug/kg	0.763	0.342	A
Aldrin	ND		ug/kg	1.53	0.538	A
Heptachlor epoxide	ND		ug/kg	2.86	0.859	A
Endrin	ND		ug/kg	0.636	0.261	A
Endrin aldehyde	ND		ug/kg	1.91	0.668	A
Endrin ketone	ND		ug/kg	1.53	0.393	A
Dieldrin	ND		ug/kg	0.954	0.477	A
4,4'-DDE	ND		ug/kg	1.53	0.353	A
4,4'-DDD	ND		ug/kg	1.53	0.544	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.361	A
Endosulfan II	ND		ug/kg	1.53	0.510	A
Endosulfan sulfate	ND		ug/kg	0.636	0.303	A
Methoxychlor	ND		ug/kg	2.86	0.890	A
Toxaphene	ND		ug/kg	28.6	8.02	A
cis-Chlordane	ND		ug/kg	1.91	0.532	A
trans-Chlordane	ND		ug/kg	1.91	0.504	A
Chlordane	ND		ug/kg	12.7	5.06	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434763
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/22/24 14:16
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 06/21/24 13:29
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-06 Batch: WG1937670-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	77		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434763

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG1937670-2 WG1937670-3									
Delta-BHC	70		74		30-150	6		30	A
Lindane	65		71		30-150	9		30	A
Alpha-BHC	69		76		30-150	10		30	A
Beta-BHC	69		72		30-150	4		30	A
Heptachlor	62		66		30-150	6		30	A
Aldrin	66		70		30-150	6		30	A
Heptachlor epoxide	65		68		30-150	5		30	A
Endrin	75		79		30-150	5		30	A
Endrin aldehyde	72		73		30-150	1		30	A
Endrin ketone	78		81		30-150	4		30	A
Dieldrin	78		83		30-150	6		30	A
4,4'-DDE	73		77		30-150	5		30	A
4,4'-DDD	82		86		30-150	5		30	A
4,4'-DDT	77		79		30-150	3		30	A
Endosulfan I	68		73		30-150	7		30	A
Endosulfan II	78		80		30-150	3		30	A
Endosulfan sulfate	83		86		30-150	4		30	A
Methoxychlor	88		91		30-150	3		30	A
cis-Chlordane	66		70		30-150	6		30	A
trans-Chlordane	73		75		30-150	3		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434763

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG1937670-2 WG1937670-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		69		30-150	A
Decachlorobiphenyl	82		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		80		30-150	B
Decachlorobiphenyl	93		100		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434763

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-01 Date Collected: 06/11/24 09:10

Client ID: B13_2-4 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	20000		mg/kg	9.49	2.56	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.75	0.361	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.02		mg/kg	0.949	0.197	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Barium, Total	133		mg/kg	0.949	0.165	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.683		mg/kg	0.475	0.031	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.949	0.093	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Calcium, Total	541		mg/kg	9.49	3.32	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Chromium, Total	26.6		mg/kg	0.949	0.091	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Cobalt, Total	9.53		mg/kg	1.90	0.158	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Copper, Total	15.8		mg/kg	0.949	0.245	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Iron, Total	28400		mg/kg	4.75	0.857	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Lead, Total	9.20		mg/kg	4.75	0.254	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Magnesium, Total	4330		mg/kg	9.49	1.46	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Manganese, Total	613		mg/kg	0.949	0.151	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Mercury, Total	0.068	J	mg/kg	0.082	0.053	1	06/20/24 12:47	06/21/24 08:58	EPA 7471B	1,7471B	JWN
Nickel, Total	18.4		mg/kg	2.37	0.230	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Potassium, Total	1620		mg/kg	237	13.7	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.90	0.245	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.475	0.269	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Sodium, Total	40.2	J	mg/kg	190	2.99	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Thallium, Total	0.724	J	mg/kg	1.90	0.299	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Vanadium, Total	36.5		mg/kg	0.949	0.193	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF
Zinc, Total	61.4		mg/kg	4.75	0.278	2	06/20/24 11:20	06/20/24 22:28	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434763

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-03 Date Collected: 06/11/24 10:40

Client ID: B11_2-4 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17600		mg/kg	8.25	2.23	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.12	0.313	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Arsenic, Total	0.422	J	mg/kg	0.825	0.172	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Barium, Total	179		mg/kg	0.825	0.144	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.426		mg/kg	0.412	0.027	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.825	0.081	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Calcium, Total	837		mg/kg	8.25	2.89	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Chromium, Total	28.6		mg/kg	0.825	0.079	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Cobalt, Total	14.8		mg/kg	1.65	0.137	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Copper, Total	5.77		mg/kg	0.825	0.213	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Iron, Total	28200		mg/kg	4.12	0.745	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Lead, Total	4.48		mg/kg	4.12	0.221	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Magnesium, Total	7080		mg/kg	8.25	1.27	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Manganese, Total	588		mg/kg	0.825	0.131	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.089	0.058	1	06/20/24 12:47	06/21/24 09:01	EPA 7471B	1,7471B	JWN
Nickel, Total	25.9		mg/kg	2.06	0.200	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Potassium, Total	9050		mg/kg	206	11.9	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.65	0.213	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.412	0.233	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Sodium, Total	99.3	J	mg/kg	165	2.60	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Thallium, Total	1.37	J	mg/kg	1.65	0.260	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Vanadium, Total	45.0		mg/kg	0.825	0.167	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF
Zinc, Total	67.2		mg/kg	4.12	0.242	2	06/20/24 11:20	06/20/24 22:32	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434763

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-05 Date Collected: 06/11/24 13:10

Client ID: B8_2-4 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	20100		mg/kg	8.82	2.38	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.41	0.335	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Arsenic, Total	0.761	J	mg/kg	0.882	0.183	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Barium, Total	182		mg/kg	0.882	0.153	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.486		mg/kg	0.441	0.029	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.882	0.086	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Calcium, Total	732		mg/kg	8.82	3.08	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Chromium, Total	32.6		mg/kg	0.882	0.085	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Cobalt, Total	14.8		mg/kg	1.76	0.146	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Copper, Total	51.2		mg/kg	0.882	0.227	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Iron, Total	33200		mg/kg	4.41	0.796	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Lead, Total	8.67		mg/kg	4.41	0.236	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Magnesium, Total	7700		mg/kg	8.82	1.36	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Manganese, Total	388		mg/kg	0.882	0.140	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.079	0.052	1	06/20/24 12:47	06/21/24 09:05	EPA 7471B	1,7471B	JWN
Nickel, Total	25.8		mg/kg	2.20	0.213	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Potassium, Total	8390		mg/kg	220	12.7	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.76	0.227	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.441	0.250	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Sodium, Total	91.5	J	mg/kg	176	2.78	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Thallium, Total	1.15	J	mg/kg	1.76	0.278	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Vanadium, Total	46.8		mg/kg	0.882	0.179	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF
Zinc, Total	71.0		mg/kg	4.41	0.258	2	06/20/24 11:20	06/20/24 22:35	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434763

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-06 Date Collected: 06/11/24 13:50

Client ID: B7_2-4 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15800		mg/kg	8.79	2.37	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.40	0.334	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Arsenic, Total	0.641	J	mg/kg	0.879	0.183	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Barium, Total	150		mg/kg	0.879	0.153	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.437	J	mg/kg	0.440	0.029	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.879	0.086	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Calcium, Total	608		mg/kg	8.79	3.08	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Chromium, Total	29.5		mg/kg	0.879	0.084	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Cobalt, Total	11.3		mg/kg	1.76	0.146	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Copper, Total	28.3		mg/kg	0.879	0.227	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Iron, Total	26500		mg/kg	4.40	0.794	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Lead, Total	4.14	J	mg/kg	4.40	0.236	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Magnesium, Total	6430		mg/kg	8.79	1.35	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Manganese, Total	289		mg/kg	0.879	0.140	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/20/24 12:47	06/21/24 09:08	EPA 7471B	1,7471B	JWN
Nickel, Total	22.4		mg/kg	2.20	0.213	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Potassium, Total	7540		mg/kg	220	12.6	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.76	0.227	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.440	0.249	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Sodium, Total	101	J	mg/kg	176	2.77	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Thallium, Total	1.30	J	mg/kg	1.76	0.277	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Vanadium, Total	45.0		mg/kg	0.879	0.178	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF
Zinc, Total	63.1		mg/kg	4.40	0.258	2	06/20/24 11:20	06/20/24 22:39	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2434763

Project Number: 3858.0004Y000 **Report Date:** 06/24/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05-06 Batch: WG1936826-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Antimony, Total	0.248	J	mg/kg	2.00	0.152	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Arsenic, Total	0.089	J	mg/kg	0.400	0.083	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Calcium, Total	2.98	J	mg/kg	4.00	1.40	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Iron, Total	0.987	J	mg/kg	2.00	0.361	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Lead, Total	0.131	J	mg/kg	2.00	0.107	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05-06 Batch: WG1936829-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/20/24 12:47	06/21/24 07:24	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434763
Report Date: 06/24/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434763

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05-06 Batch: WG1936826-2								
Aluminum, Total	105		-		80-120	-		
Antimony, Total	101		-		80-120	-		
Arsenic, Total	95		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	103		-		80-120	-		
Cadmium, Total	97		-		80-120	-		
Calcium, Total	96		-		80-120	-		
Chromium, Total	98		-		80-120	-		
Cobalt, Total	100		-		80-120	-		
Copper, Total	102		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	97		-		80-120	-		
Magnesium, Total	93		-		80-120	-		
Manganese, Total	98		-		80-120	-		
Nickel, Total	94		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	94		-		80-120	-		
Silver, Total	102		-		80-120	-		
Sodium, Total	100		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	100		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434763

Report Date: 06/24/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05-06 Batch: WG1936826-2					
Zinc, Total	95	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03,05-06 Batch: WG1936829-2					
Mercury, Total	96	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434763
Report Date: 06/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05-06 QC Batch ID: WG1936826-3 WG1936826-4 QC Sample: L2434665-04 Client ID: MS Sample												
Aluminum, Total	7760	181	8360	**331**	Q	9010	**679**	Q	75-125	7		20
Antimony, Total	ND	45.4	35.0	77		35.6	77		75-125	2		20
Arsenic, Total	4.95	10.9	13.5	78		14.6	87		75-125	8		20
Barium, Total	69.6	181	223	84		220	82		75-125	1		20
Beryllium, Total	0.396J	4.54	4.17	92		4.33	94		75-125	4		20
Cadmium, Total	0.115J	4.81	3.63	76		3.76	77		75-125	4		20
Calcium, Total	65500	907	65100	**0**	Q	69000	**380**	Q	75-125	6		20
Chromium, Total	12.0	18.1	26.6	80		27.4	84		75-125	3		20
Cobalt, Total	6.81	45.4	39.8	**73**	Q	40.4	**73**	Q	75-125	1		20
Copper, Total	15.3	22.7	33.0	78		34.1	82		75-125	3		20
Iron, Total	16400	90.7	16200	**0**	Q	17300	**978**	Q	75-125	7		20
Lead, Total	13.8	48.1	49.0	**73**	Q	54.1	83		75-125	10		20
Magnesium, Total	22400	907	22800	**44**	Q	23800	**152**	Q	75-125	4		20
Manganese, Total	438	45.4	449	**24**	Q	462	**52**	Q	75-125	3		20
Nickel, Total	14.6	45.4	46.1	**69**	Q	46.8	**70**	Q	75-125	2		20
Potassium, Total	1150	907	2010	95		2200	114		75-125	9		20
Selenium, Total	ND	10.9	7.70	**71**	Q	8.81	80		75-125	13		20
Silver, Total	ND	4.54	3.88	86		3.97	86		75-125	2		20
Sodium, Total	196	907	906	78		1040	92		75-125	14		20
Thallium, Total	0.345J	10.9	7.79	**72**	Q	8.89	80		75-125	13		20
Vanadium, Total	19.0	45.4	56.6	83		58.0	85		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434763
Report Date: 06/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05-06 QC Batch ID: WG1936826-3 WG1936826-4 QC Sample: L2434665-04 Client ID: MS Sample											
Zinc, Total	52.9	45.4	85.3	**71**	Q	87.2	**74**	Q	75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05-06 QC Batch ID: WG1936829-3 WG1936829-4 QC Sample: L2434665-04 Client ID: MS Sample											
Mercury, Total	ND	1.72	1.73	101		1.95	101		80-120	12	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2434763
Report Date: 06/24/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05-06 QC Batch ID: WG1936826-6 QC Sample: L2434665-04 Client ID: DUP Sample						
Barium, Total	69.6	76.0	mg/kg	9		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434763
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-01
Client ID: B13_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 09:10
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	06/20/24 13:55	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434763
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-02
Client ID: B12_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 09:50
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	06/20/24 13:55	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434763
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-03
Client ID: B11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 10:40
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	06/20/24 13:55	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434763
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-04
Client ID: B9_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 12:15
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	06/20/24 13:55	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434763
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-05
Client ID: B8_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 13:10
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	06/20/24 13:55	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2434763
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2434763-06
Client ID: B7_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 13:50
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	06/20/24 13:55	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2434763

Report Date: 06/24/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1937126-1 QC Sample: L2434215-14 Client ID: DUP Sample						
Solids, Total	83.7	82.9	%	1		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2434763
Report Date: 06/24/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434763-01A	Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2434763-01C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		TS(7),NYTCL-8081(14)
L2434763-02C	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2434763-03A	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2434763-03C	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2434763-04C	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2434763-05A	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2434763-05C	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2434763-06A	Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2434763-06C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434763
Project Number:	3858.0004Y000	**Report Date:**	06/24/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434763
Project Number:	3858.0004Y000	**Report Date:**	06/24/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434763
Project Number:	3858.0004Y000	**Report Date:**	06/24/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2434763
Project Number:	3858.0004Y000	**Report Date:**	06/24/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/12/24

L2434763 WMC 6/19/24

ALPHA Job #: [redacted]

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
[redacted]	B13 - 0 - 0.2	6/11/24	0900	S	EL			X	X	X	X				3
[redacted]	B13 - 0.2 - 2	"	0905		EL	X	X	X	X	X	X	X	X		7
34763-01 [redacted]	B13 - 2 - 4	"	0910		EL			H	H	H	H			HOLD	3
[redacted]	B13 - 4 - 6	"	0915		EL			H	H	H	H			HOLD	3
[redacted]	B12 - 0 - 0.2	"	0940		EL			X	X	X	X				3
[redacted]	B12 - 0.2 - 2	"	0945		EL	X	X	X	X	X	X	X	X		7
02 [redacted]	B12 - 2 - 4	"	0950		EL			H	H	H	H			HOLD	3
[redacted]	B12 - 4 - 6	"	0955		EL			H	H	H	H			HOLD	3
[redacted]	B11 - 0 - 0.2	"	1030		EL			X	X	X	X				3
[redacted]	B11 - 0.2 - 2	"	1035		EL	X	X	X	X	X	X	X	X		7
					Container Type	E	A	A	A	A	A	A	A		
					Preservative	A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/11/24 1500	Pace	6/11/24 15:14
	6/11/24		6/11/24 18:58
			6/11 2000
	6/12 620		6/12 6:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/12/24

L2434763 WMC 6/19/24
ALPHA Job #: L2434763

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
34763 [redacted] -03	B11-2-4	6/11/24	1040	S	EL			X	H	X	H			HOLD	3
[redacted] -12	B11-4-6	"	1045		EL			H	H	H	H			HOLD	3
[redacted] -13	B10-0-0.2	"	1100		EL			X	X	X	X				3
[redacted] -14	B10-0.2-2	"	1105		EL	X	X	X	X	X	X	X	X		7
[redacted] -15	B10-2-4	"	1110		EL			H	H	H	H			HOLD	3
[redacted] -16	B10-4-6	"	1115		EL			H	H	H	H			HOLD	3
[redacted] -17	B9-0-0.2	"	1205		EL			X	X	X	X				3
[redacted] -18	B9-0.2-2	"	1210		EL	X	X	X	X	X	X	X	X		7
-04 [redacted] -19	B9-2-4	"	1215		EL			H	H	X	H			HOLD	3
[redacted] -20	B9-4-6	"	1220		EL			H	H	H	H			HOLD	3

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
1500 EL	6/11/24 1500	Jon Pace	6/11/24 15:15
	6/11/24		6/11/24 18:58
			6/11 2200
	6/12 120		6/12/24 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

L2434763 WMC 6/19/24

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Date Rec'd in Lab: 6/12/24

ALPHA Job #: L2434791

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
[redacted]	B8-0-0.2	6/11/24	1300	S	EL			X	X	X	X				3
[redacted]	B8-0.2-2	"	1305		EL	X	X	X	X	X	X	X	X	MS/MSD	21
34763-05 [redacted]	B8-2-4	"	1310		EL			H	H	H	H			HOLD	3
[redacted]	B8-4-6	"	1315		EL			H	H	H	H			HOLD	3
[redacted]	B7-0-0.2	"	1340		EL			X	X	X	X				3
[redacted]	B7-0.2-2	"	1345		EL	X	X	X	X	X	X	X	X		7
06 [redacted]	B7-2-4	"	1350		EL			H	H	H	H			HOLD	3
[redacted]	B7-4-6	"	1355		EL			H	H	H	H			HOLD	3
[redacted]	B6-0-0.2	"	1415		EL			X	X	X	X				3
[redacted]	B6-0.2-2	"	1420	↓	EL	X	X	X	X	X	X	X	X		7

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/11/24 1500	Tom Pace	6/11/24 15:15
			6/11/24 1855
	6/11/24		6/11 2200
	6/12 120		6/12/24 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

ANALYTICAL REPORT

Lab Number:	L2435023
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/30/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435023-01	F11_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 09:00	06/20/24
L2435023-02	F11_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 09:05	06/20/24
L2435023-03	F11_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 09:10	06/20/24
L2435023-04	F11_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 09:15	06/20/24
L2435023-05	F10_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 09:45	06/20/24
L2435023-06	F10_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 09:50	06/20/24
L2435023-07	F10_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 09:55	06/20/24
L2435023-08	F10_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 10:00	06/20/24
L2435023-09	F9_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 10:30	06/20/24
L2435023-10	F9_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 10:35	06/20/24
L2435023-11	F9_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 10:40	06/20/24
L2435023-12	F9_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 10:45	06/20/24
L2435023-13	F8_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 11:00	06/20/24
L2435023-14	F8_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 11:05	06/20/24
L2435023-15	F8_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 11:10	06/20/24
L2435023-16	F8_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 11:15	06/20/24
L2435023-17	FB_06202024	FIELD BLANK	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 12:10	06/20/24
L2435023-18	F7_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 12:40	06/20/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435023-19	F7_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 12:45	06/20/24
L2435023-20	F7_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 12:50	06/20/24
L2435023-21	F7_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 12:55	06/20/24
L2435023-22	F6_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 13:15	06/20/24
L2435023-23	F6_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 13:20	06/20/24
L2435023-24	F6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 13:25	06/20/24
L2435023-25	F6_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 13:30	06/20/24
L2435023-26	F5_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 14:00	06/20/24
L2435023-27	F5_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 14:05	06/20/24
L2435023-28	F5_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 14:10	06/20/24
L2435023-29	F5_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 14:15	06/20/24
L2435023-30	TB_06202024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 00:00	06/20/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435023
Project Number:	3858.0004Y000	**Report Date:**	06/30/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023
Project Number: 3858.0004Y000 **Report Date:** 06/30/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG1940351-2/-3 LCS/LCSD recoveries, associated with L2435023-17, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals

L2435023-01, -02, -05, -06, -09, -10, -13, -14, -18, -19, -22, -23, -26 and -27: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1939416-3/-4 MS/MSD recoveries for aluminum (2510%/2460%), arsenic (418%/464%), iron (5650%/5020%), and manganese (716%/516%), performed on L2435023-06, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1939416-3/-4 MS/MSD recoveries, performed on L2435023-06, are outside the acceptance criteria for chromium (155%/145%), lead (140%/167%), magnesium (195%/184%) and zinc (126%/127%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/30/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-02 Date Collected: 06/20/24 09:05
Client ID: F11_0.2-2 Date Received: 06/20/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/26/24 14:46
Analyst: LAC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.5	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.75	0.29	1
Chlorobenzene	ND		ug/kg	0.75	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.0	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.75	0.25	1
Bromodichloromethane	ND		ug/kg	0.75	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.75	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.75	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.75	0.24	1
Bromoform	ND		ug/kg	6.0	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.75	0.25	1
Benzene	ND		ug/kg	0.75	0.25	1
Toluene	0.94	J	ug/kg	1.5	0.81	1
Ethylbenzene	1.2	J	ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.0	1.4	1
Bromomethane	ND		ug/kg	3.0	0.87	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.68	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-02 Date Collected: 06/20/24 09:05

Client ID: F11_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.75	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	6.1		ug/kg	3.0	0.84	1
o-Xylene	1.6		ug/kg	1.5	0.44	1
Xylenes, Total	7.7		ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	3.0	0.36	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.2	1
Carbon disulfide	ND		ug/kg	15	6.8	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.75	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	0.68	J	ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.28	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	6.0	0.97	1
Acrylonitrile	ND		ug/kg	6.0	1.7	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-02 Date Collected: 06/20/24 09:05

Client ID: F11_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.41	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.50	1
1,4-Dioxane	ND		ug/kg	120	52.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.26	1
p-Ethyltoluene	ND		ug/kg	3.0	0.57	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.28	1
Ethyl ether	ND		ug/kg	3.0	0.51	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.5	2.1	1
Tentatively Identified Compounds						
Total TIC Compounds	13.9	J	ug/kg			1
Unknown	13.9	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-06 Date Collected: 06/20/24 09:50

Client ID: F10_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/26/24 15:14

Analyst: LAC

Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.9	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.79	0.31	1
Chlorobenzene	ND		ug/kg	0.79	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.3	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.79	0.26	1
Bromodichloromethane	ND		ug/kg	0.79	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.43	1
cis-1,3-Dichloropropene	ND		ug/kg	0.79	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	0.79	0.25	1
1,1-Dichloropropene	ND		ug/kg	0.79	0.25	1
Bromoform	ND		ug/kg	6.3	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.79	0.26	1
Benzene	ND		ug/kg	0.79	0.26	1
Toluene	1.0	J	ug/kg	1.6	0.86	1
Ethylbenzene	1.1	J	ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.3	1.5	1
Bromomethane	ND		ug/kg	3.2	0.92	1
Vinyl chloride	ND		ug/kg	1.6	0.53	1
Chloroethane	ND		ug/kg	3.2	0.71	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-06 Date Collected: 06/20/24 09:50

Client ID: F10_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.79	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	5.2		ug/kg	3.2	0.88	1
o-Xylene	1.4	J	ug/kg	1.6	0.46	1
Xylenes, Total	6.6	J	ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	3.2	0.38	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	ND		ug/kg	16	7.6	1
Carbon disulfide	ND		ug/kg	16	7.2	1
2-Butanone	ND		ug/kg	16	3.5	1
Vinyl acetate	ND		ug/kg	16	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.2	0.20	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.2	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,3-Dichloropropane	ND		ug/kg	3.2	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.79	0.21	1
Bromobenzene	ND		ug/kg	3.2	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.26	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
o-Chlorotoluene	ND		ug/kg	3.2	0.30	1
p-Chlorotoluene	ND		ug/kg	3.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.3	0.27	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.3	1.0	1
Acrylonitrile	ND		ug/kg	6.3	1.8	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-06 Date Collected: 06/20/24 09:50

Client ID: F10_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.51	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.43	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.53	1
1,4-Dioxane	ND		ug/kg	130	55.	1
p-Diethylbenzene	ND		ug/kg	3.2	0.28	1
p-Ethyltoluene	ND		ug/kg	3.2	0.60	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.2	0.30	1
Ethyl ether	ND		ug/kg	3.2	0.54	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.9	2.2	1
Tentatively Identified Compounds						
Total TIC Compounds	14.3	J	ug/kg			1
Unknown	14.3	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-10 Date Collected: 06/20/24 10:35
Client ID: F9_0.2-2 Date Received: 06/20/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/26/24 15:42
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	26	12.	1
1,1-Dichloroethane	ND		ug/kg	5.2	0.75	1
Chloroform	ND		ug/kg	7.8	0.72	1
Carbon tetrachloride	ND		ug/kg	5.2	1.2	1
1,2-Dichloropropane	ND		ug/kg	5.2	0.65	1
Dibromochloromethane	ND		ug/kg	5.2	0.72	1
1,1,2-Trichloroethane	ND		ug/kg	5.2	1.4	1
Tetrachloroethene	ND		ug/kg	2.6	1.0	1
Chlorobenzene	ND		ug/kg	2.6	0.66	1
Trichlorofluoromethane	ND		ug/kg	21	3.6	1
1,2-Dichloroethane	ND		ug/kg	5.2	1.3	1
1,1,1-Trichloroethane	ND		ug/kg	2.6	0.86	1
Bromodichloromethane	ND		ug/kg	2.6	0.56	1
trans-1,3-Dichloropropene	ND		ug/kg	5.2	1.4	1
cis-1,3-Dichloropropene	ND		ug/kg	2.6	0.82	1
1,3-Dichloropropene, Total	ND		ug/kg	2.6	0.82	1
1,1-Dichloropropene	ND		ug/kg	2.6	0.82	1
Bromoform	ND		ug/kg	21	1.3	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.6	0.86	1
Benzene	ND		ug/kg	2.6	0.86	1
Toluene	7.8		ug/kg	5.2	2.8	1
Ethylbenzene	9.8		ug/kg	5.2	0.73	1
Chloromethane	ND		ug/kg	21	4.8	1
Bromomethane	ND		ug/kg	10	3.0	1
Vinyl chloride	ND		ug/kg	5.2	1.7	1
Chloroethane	ND		ug/kg	10	2.3	1
1,1-Dichloroethene	ND		ug/kg	5.2	1.2	1
trans-1,2-Dichloroethene	ND		ug/kg	7.8	0.71	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-10 Date Collected: 06/20/24 10:35

Client ID: F9_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	2.6	0.71	1
1,2-Dichlorobenzene	ND		ug/kg	10	0.75	1
1,3-Dichlorobenzene	ND		ug/kg	10	0.77	1
1,4-Dichlorobenzene	ND		ug/kg	10	0.89	1
Methyl tert butyl ether	ND		ug/kg	10	1.0	1
p/m-Xylene	63		ug/kg	10	2.9	1
o-Xylene	15		ug/kg	5.2	1.5	1
Xylenes, Total	78		ug/kg	5.2	1.5	1
cis-1,2-Dichloroethene	ND		ug/kg	5.2	0.91	1
1,2-Dichloroethene, Total	ND		ug/kg	5.2	0.71	1
Dibromomethane	ND		ug/kg	10	1.2	1
Styrene	ND		ug/kg	5.2	1.0	1
Dichlorodifluoromethane	ND		ug/kg	52	4.7	1
Acetone	ND		ug/kg	52	25.	1
Carbon disulfide	ND		ug/kg	52	24.	1
2-Butanone	ND		ug/kg	52	12.	1
Vinyl acetate	ND		ug/kg	52	11.	1
4-Methyl-2-pentanone	ND		ug/kg	52	6.6	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.66	1
2-Hexanone	ND		ug/kg	52	6.1	1
Bromochloromethane	ND		ug/kg	10	1.1	1
2,2-Dichloropropane	ND		ug/kg	10	1.0	1
1,2-Dibromoethane	ND		ug/kg	5.2	1.4	1
1,3-Dichloropropane	ND		ug/kg	10	0.86	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.6	0.68	1
Bromobenzene	ND		ug/kg	10	0.75	1
n-Butylbenzene	ND		ug/kg	5.2	0.86	1
sec-Butylbenzene	ND		ug/kg	5.2	0.76	1
tert-Butylbenzene	ND		ug/kg	10	0.61	1
o-Chlorotoluene	ND		ug/kg	10	0.99	1
p-Chlorotoluene	ND		ug/kg	10	0.56	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	16	5.2	1
Hexachlorobutadiene	ND		ug/kg	21	0.88	1
Isopropylbenzene	ND		ug/kg	5.2	0.56	1
p-Isopropyltoluene	ND		ug/kg	5.2	0.56	1
Naphthalene	ND		ug/kg	21	3.4	1
Acrylonitrile	ND		ug/kg	21	6.0	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-10 Date Collected: 06/20/24 10:35

Client ID: F9_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	5.2	0.89	1
1,2,3-Trichlorobenzene	ND		ug/kg	10	1.7	1
1,2,4-Trichlorobenzene	ND		ug/kg	10	1.4	1
1,3,5-Trimethylbenzene	ND		ug/kg	10	1.0	1
1,2,4-Trimethylbenzene	ND		ug/kg	10	1.7	1
1,4-Dioxane	ND		ug/kg	410	180	1
p-Diethylbenzene	ND		ug/kg	10	0.92	1
p-Ethyltoluene	ND		ug/kg	10	2.0	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	10	0.99	1
Ethyl ether	ND		ug/kg	10	1.8	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	26	7.4	1
Tentatively Identified Compounds						
Total TIC Compounds	52.6	J	ug/kg			1
Unknown	52.6	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	100		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-14
Client ID: F8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 11:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/26/24 16:11
Analyst: LAC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	0.76	J	ug/kg	1.3	0.69	1
Ethylbenzene	0.94	J	ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.5	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-14 Date Collected: 06/20/24 11:05

Client ID: F8_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	4.8		ug/kg	2.5	0.71	1
o-Xylene	1.2	J	ug/kg	1.3	0.37	1
Xylenes, Total	6.0	J	ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.21	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.82	1
Acrylonitrile	ND		ug/kg	5.1	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-14 Date Collected: 06/20/24 11:05

Client ID: F8_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1
Tentatively Identified Compounds						
Total TIC Compounds	12.5	J	ug/kg			1
Unknown	12.5	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-17 Date Collected: 06/20/24 12:10
Client ID: FB_06202024 Date Received: 06/20/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8260D
Analytical Date: 06/24/24 13:38
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-17 Date Collected: 06/20/24 12:10

Client ID: FB_06202024 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-17 Date Collected: 06/20/24 12:10

Client ID: FB_06202024 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	1.77	J	ug/l			1
1-Propene, 2-methyl-	1.77	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-19 Date Collected: 06/20/24 12:45
Client ID: F7_0.2-2 Date Received: 06/20/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/26/24 16:39
Analyst: LAC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	12	5.6	1
1,1-Dichloroethane	ND		ug/kg	2.4	0.35	1
Chloroform	ND		ug/kg	3.6	0.34	1
Carbon tetrachloride	ND		ug/kg	2.4	0.56	1
1,2-Dichloropropane	ND		ug/kg	2.4	0.30	1
Dibromochloromethane	ND		ug/kg	2.4	0.34	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.65	1
Tetrachloroethene	ND		ug/kg	1.2	0.48	1
Chlorobenzene	ND		ug/kg	1.2	0.31	1
Trichlorofluoromethane	ND		ug/kg	9.7	1.7	1
1,2-Dichloroethane	ND		ug/kg	2.4	0.62	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.41	1
Bromodichloromethane	ND		ug/kg	1.2	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	2.4	0.66	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.38	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.38	1
1,1-Dichloropropene	ND		ug/kg	1.2	0.39	1
Bromoform	ND		ug/kg	9.7	0.60	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.40	1
Benzene	ND		ug/kg	1.2	0.40	1
Toluene	2.6		ug/kg	2.4	1.3	1
Ethylbenzene	3.5		ug/kg	2.4	0.34	1
Chloromethane	ND		ug/kg	9.7	2.3	1
Bromomethane	ND		ug/kg	4.9	1.4	1
Vinyl chloride	ND		ug/kg	2.4	0.82	1
Chloroethane	ND		ug/kg	4.9	1.1	1
1,1-Dichloroethene	ND		ug/kg	2.4	0.58	1
trans-1,2-Dichloroethene	ND		ug/kg	3.6	0.33	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-19 Date Collected: 06/20/24 12:45

Client ID: F7_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	1.2	0.33	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	0.35	1
1,3-Dichlorobenzene	ND		ug/kg	4.9	0.36	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	0.42	1
Methyl tert butyl ether	ND		ug/kg	4.9	0.49	1
p/m-Xylene	18		ug/kg	4.9	1.4	1
o-Xylene	4.2		ug/kg	2.4	0.71	1
Xylenes, Total	22		ug/kg	2.4	0.71	1
cis-1,2-Dichloroethene	ND		ug/kg	2.4	0.43	1
1,2-Dichloroethene, Total	ND		ug/kg	2.4	0.33	1
Dibromomethane	ND		ug/kg	4.9	0.58	1
Styrene	ND		ug/kg	2.4	0.48	1
Dichlorodifluoromethane	ND		ug/kg	24	2.2	1
Acetone	ND		ug/kg	24	12.	1
Carbon disulfide	ND		ug/kg	24	11.	1
2-Butanone	ND		ug/kg	24	5.4	1
Vinyl acetate	ND		ug/kg	24	5.2	1
4-Methyl-2-pentanone	ND		ug/kg	24	3.1	1
1,2,3-Trichloropropane	ND		ug/kg	4.9	0.31	1
2-Hexanone	ND		ug/kg	24	2.9	1
Bromochloromethane	ND		ug/kg	4.9	0.50	1
2,2-Dichloropropane	ND		ug/kg	4.9	0.49	1
1,2-Dibromoethane	ND		ug/kg	2.4	0.68	1
1,3-Dichloropropane	ND		ug/kg	4.9	0.41	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.32	1
Bromobenzene	ND		ug/kg	4.9	0.35	1
n-Butylbenzene	ND		ug/kg	2.4	0.41	1
sec-Butylbenzene	ND		ug/kg	2.4	0.36	1
tert-Butylbenzene	ND		ug/kg	4.9	0.29	1
o-Chlorotoluene	ND		ug/kg	4.9	0.46	1
p-Chlorotoluene	ND		ug/kg	4.9	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.3	2.4	1
Hexachlorobutadiene	ND		ug/kg	9.7	0.41	1
Isopropylbenzene	ND		ug/kg	2.4	0.26	1
p-Isopropyltoluene	ND		ug/kg	2.4	0.26	1
Naphthalene	ND		ug/kg	9.7	1.6	1
Acrylonitrile	ND		ug/kg	9.7	2.8	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-19 Date Collected: 06/20/24 12:45

Client ID: F7_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.4	0.42	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	0.78	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	0.66	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	0.47	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.9	0.81	1
1,4-Dioxane	ND		ug/kg	190	85.	1
p-Diethylbenzene	ND		ug/kg	4.9	0.43	1
p-Ethyltoluene	ND		ug/kg	4.9	0.94	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.9	0.46	1
Ethyl ether	ND		ug/kg	4.9	0.83	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	3.4	1
Tentatively Identified Compounds						
Total TIC Compounds	38.7	J	ug/kg			1
Unknown	23.9	J	ug/kg			1
Unknown Alkane	7.52	J	ug/kg			1
Unknown Alkane	7.30	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	100		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-23 Date Collected: 06/20/24 13:20
Client ID: F6_0.2-2 Date Received: 06/20/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/26/24 17:08
Analyst: LAC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.1	3.7	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.37	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.43	1
Tetrachloroethene	ND		ug/kg	0.81	0.32	1
Chlorobenzene	ND		ug/kg	0.81	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.4	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.81	0.27	1
Bromodichloromethane	ND		ug/kg	0.81	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.44	1
cis-1,3-Dichloropropene	ND		ug/kg	0.81	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	0.81	0.25	1
1,1-Dichloropropene	ND		ug/kg	0.81	0.26	1
Bromoform	ND		ug/kg	6.4	0.40	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.81	0.27	1
Benzene	ND		ug/kg	0.81	0.27	1
Toluene	1.6		ug/kg	1.6	0.88	1
Ethylbenzene	2.1		ug/kg	1.6	0.23	1
Chloromethane	ND		ug/kg	6.4	1.5	1
Bromomethane	ND		ug/kg	3.2	0.94	1
Vinyl chloride	ND		ug/kg	1.6	0.54	1
Chloroethane	ND		ug/kg	3.2	0.73	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-23 Date Collected: 06/20/24 13:20

Client ID: F6_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.81	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	12		ug/kg	3.2	0.90	1
o-Xylene	2.8		ug/kg	1.6	0.47	1
Xylenes, Total	15		ug/kg	1.6	0.47	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	3.2	0.38	1
Styrene	ND		ug/kg	1.6	0.32	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	ND		ug/kg	16	7.8	1
Carbon disulfide	ND		ug/kg	16	7.3	1
2-Butanone	ND		ug/kg	16	3.6	1
Vinyl acetate	ND		ug/kg	16	3.5	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.1	1
1,2,3-Trichloropropane	ND		ug/kg	3.2	0.20	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.33	1
2,2-Dichloropropane	ND		ug/kg	3.2	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.45	1
1,3-Dichloropropane	ND		ug/kg	3.2	0.27	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.81	0.21	1
Bromobenzene	ND		ug/kg	3.2	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.27	1
sec-Butylbenzene	ND		ug/kg	1.6	0.24	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
o-Chlorotoluene	ND		ug/kg	3.2	0.31	1
p-Chlorotoluene	ND		ug/kg	3.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.4	0.27	1
Isopropylbenzene	ND		ug/kg	1.6	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.18	1
Naphthalene	ND		ug/kg	6.4	1.0	1
Acrylonitrile	ND		ug/kg	6.4	1.8	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-23 Date Collected: 06/20/24 13:20

Client ID: F6_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.52	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.44	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.31	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.54	1
1,4-Dioxane	ND		ug/kg	130	57.	1
p-Diethylbenzene	ND		ug/kg	3.2	0.28	1
p-Ethyltoluene	ND		ug/kg	3.2	0.62	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.2	0.31	1
Ethyl ether	ND		ug/kg	3.2	0.55	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.1	2.3	1
Tentatively Identified Compounds						
Total TIC Compounds	17.1	J	ug/kg			1
Unknown	17.1	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-27
Client ID: F5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 14:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/26/24 17:36
Analyst: LAC
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.6	3.9	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.25	1
Chloroform	ND		ug/kg	2.6	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.40	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.22	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.46	1
Tetrachloroethene	ND		ug/kg	0.86	0.34	1
Chlorobenzene	ND		ug/kg	0.86	0.22	1
Trichlorofluoromethane	ND		ug/kg	6.9	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.44	1
1,1,1-Trichloroethane	ND		ug/kg	0.86	0.29	1
Bromodichloromethane	ND		ug/kg	0.86	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.47	1
cis-1,3-Dichloropropene	ND		ug/kg	0.86	0.27	1
1,3-Dichloropropene, Total	ND		ug/kg	0.86	0.27	1
1,1-Dichloropropene	ND		ug/kg	0.86	0.27	1
Bromoform	ND		ug/kg	6.9	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.86	0.28	1
Benzene	ND		ug/kg	0.86	0.28	1
Toluene	1.5	J	ug/kg	1.7	0.94	1
Ethylbenzene	2.1		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.9	1.6	1
Bromomethane	ND		ug/kg	3.4	1.0	1
Vinyl chloride	ND		ug/kg	1.7	0.58	1
Chloroethane	ND		ug/kg	3.4	0.78	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.41	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.24	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-27 Date Collected: 06/20/24 14:05

Client ID: F5_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.86	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.29	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.35	1
p/m-Xylene	11		ug/kg	3.4	0.96	1
o-Xylene	3.5		ug/kg	1.7	0.50	1
Xylenes, Total	15		ug/kg	1.7	0.50	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.24	1
Dibromomethane	ND		ug/kg	3.4	0.41	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	17	1.6	1
Acetone	ND		ug/kg	17	8.3	1
Carbon disulfide	ND		ug/kg	17	7.8	1
2-Butanone	ND		ug/kg	17	3.8	1
Vinyl acetate	ND		ug/kg	17	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	3.4	0.22	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.35	1
2,2-Dichloropropane	ND		ug/kg	3.4	0.35	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.48	1
1,3-Dichloropropane	ND		ug/kg	3.4	0.29	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.86	0.23	1
Bromobenzene	ND		ug/kg	3.4	0.25	1
n-Butylbenzene	ND		ug/kg	1.7	0.29	1
sec-Butylbenzene	ND		ug/kg	1.7	0.25	1
tert-Butylbenzene	ND		ug/kg	3.4	0.20	1
o-Chlorotoluene	ND		ug/kg	3.4	0.33	1
p-Chlorotoluene	ND		ug/kg	3.4	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	1.7	1
Hexachlorobutadiene	ND		ug/kg	6.9	0.29	1
Isopropylbenzene	ND		ug/kg	1.7	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.19	1
Naphthalene	ND		ug/kg	6.9	1.1	1
Acrylonitrile	ND		ug/kg	6.9	2.0	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-27 Date Collected: 06/20/24 14:05

Client ID: F5_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.7	0.29	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.55	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.47	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.4	0.33	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.4	0.58	1
1,4-Dioxane	ND		ug/kg	140	60.	1
p-Diethylbenzene	ND		ug/kg	3.4	0.30	1
p-Ethyltoluene	ND		ug/kg	3.4	0.66	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.4	0.33	1
Ethyl ether	ND		ug/kg	3.4	0.59	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.6	2.4	1
Tentatively Identified Compounds						
Total TIC Compounds	18.0	J	ug/kg			1
Unknown	18.0	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-30
Client ID: TB_06202024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 00:00
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 06/24/24 14:02
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-30 Date Collected: 06/20/24 00:00

Client ID: TB_06202024 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-30 Date Collected: 06/20/24 00:00

Client ID: TB_06202024 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	101		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 09:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17,30 Batch: WG1938990-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 09:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17,30 Batch: WG1938990-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 09:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17,30 Batch: WG1938990-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 09:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17,30 Batch: WG1938990-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	95		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 10:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,19,23,27 Batch: WG1940224-5					
Methylene chloride	2.6	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.52	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.4	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 10:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,19,23,27 Batch: WG1940224-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 10:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,19,23,27 Batch: WG1940224-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	14.1	J	ug/kg
Unknown	9.71	J	ug/kg
Unknown	4.36	J	ug/kg

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 10:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,19,23,27 Batch: WG1940224-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17,30 Batch: WG1938990-3 WG1938990-4								
Methylene chloride	94		100		70-130	6		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	95		99		70-130	4		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	90		100		63-130	11		20
1,1,2-Trichloroethane	91		110		70-130	19		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	96		100		75-130	4		20
Trichlorofluoromethane	95		93		62-150	2		20
1,2-Dichloroethane	88		100		70-130	13		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	91		100		67-130	9		20
trans-1,3-Dichloropropene	100		110		70-130	10		20
cis-1,3-Dichloropropene	96		110		70-130	14		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	85		98		54-136	14		20
1,1,2,2-Tetrachloroethane	110		130		67-130	17		20
Benzene	100		110		70-130	10		20
Toluene	100		110		70-130	10		20
Ethylbenzene	99		100		70-130	1		20
Chloromethane	100		89		64-130	12		20
Bromomethane	**20**	Q	**21**	Q	39-139	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17,30 Batch: WG1938990-3 WG1938990-4								
Vinyl chloride	80		78		55-140	3		20
Chloroethane	**50**	Q	**51**	Q	55-138	2		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	99		100		70-130	1		20
Trichloroethene	87		93		70-130	7		20
1,2-Dichlorobenzene	95		110		70-130	15		20
1,3-Dichlorobenzene	98		110		70-130	12		20
1,4-Dichlorobenzene	96		110		70-130	14		20
Methyl tert butyl ether	88		100		63-130	13		20
p/m-Xylene	90		100		70-130	11		20
o-Xylene	85		95		70-130	11		20
cis-1,2-Dichloroethene	96		100		70-130	4		20
Dibromomethane	85		98		70-130	14		20
1,2,3-Trichloropropane	95		110		64-130	15		20
Acrylonitrile	100		110		70-130	10		20
Styrene	90		100		70-130	11		20
Dichlorodifluoromethane	100		98		36-147	2		20
Acetone	77		90		58-148	16		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	95		100		63-138	5		20
Vinyl acetate	**170**	Q	**180**	Q	70-130	6		20
4-Methyl-2-pentanone	100		120		59-130	18		20
2-Hexanone	98		120		57-130	20		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17,30 Batch: WG1938990-3 WG1938990-4								
Bromochloromethane	89		97		70-130	9		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	93		110		70-130	17		20
1,3-Dichloropropane	97		110		70-130	13		20
1,1,1,2-Tetrachloroethane	92		100		64-130	8		20
Bromobenzene	99		110		70-130	11		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	110		120		70-130	9		20
tert-Butylbenzene	100		110		70-130	10		20
o-Chlorotoluene	110		120		70-130	9		20
p-Chlorotoluene	110		120		70-130	9		20
1,2-Dibromo-3-chloropropane	84		100		41-144	17		20
Hexachlorobutadiene	120		120		63-130	0		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	110		120		70-130	9		20
Naphthalene	74		95		70-130	**25**	Q	20
n-Propylbenzene	120		120		69-130	0		20
1,2,3-Trichlorobenzene	83		100		70-130	19		20
1,2,4-Trichlorobenzene	90		100		70-130	11		20
1,3,5-Trimethylbenzene	110		120		64-130	9		20
1,2,4-Trimethylbenzene	110		120		70-130	9		20
1,4-Dioxane	82		104		56-162	**24**	Q	20
p-Diethylbenzene	100		110		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17,30 Batch: WG1938990-3 WG1938990-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	89		97		70-130	9		20
Ethyl ether	91		100		59-134	9		20
trans-1,4-Dichloro-2-butene	71		86		70-130	19		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		96		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	120		116		70-130
Dibromofluoromethane	96		91		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 Batch: WG1940224-3 WG1940224-4								
Methylene chloride	85		72		70-130	17		30
1,1-Dichloroethane	103		91		70-130	12		30
Chloroform	100		92		70-130	8		30
Carbon tetrachloride	96		83		70-130	15		30
1,2-Dichloropropane	98		89		70-130	10		30
Dibromochloromethane	91		86		70-130	6		30
1,1,2-Trichloroethane	102		99		70-130	3		30
Tetrachloroethene	92		84		70-130	9		30
Chlorobenzene	94		88		70-130	7		30
Trichlorofluoromethane	90		73		70-139	21		30
1,2-Dichloroethane	103		97		70-130	6		30
1,1,1-Trichloroethane	104		91		70-130	13		30
Bromodichloromethane	96		88		70-130	9		30
trans-1,3-Dichloropropene	107		102		70-130	5		30
cis-1,3-Dichloropropene	97		91		70-130	6		30
1,1-Dichloropropene	96		85		70-130	12		30
Bromoform	78		80		70-130	3		30
1,1,2,2-Tetrachloroethane	101		100		70-130	1		30
Benzene	99		90		70-130	10		30
Toluene	96		88		70-130	9		30
Ethylbenzene	100		93		70-130	7		30
Chloromethane	96		86		52-130	11		30
Bromomethane	76		62		57-147	20		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 Batch: WG1940224-3 WG1940224-4								
Vinyl chloride	102		82		67-130	22		30
Chloroethane	94		75		50-151	22		30
1,1-Dichloroethene	87		71		65-135	20		30
trans-1,2-Dichloroethene	95		80		70-130	17		30
Trichloroethene	101		93		70-130	8		30
1,2-Dichlorobenzene	94		89		70-130	5		30
1,3-Dichlorobenzene	95		90		70-130	5		30
1,4-Dichlorobenzene	96		90		70-130	6		30
Methyl tert butyl ether	110		101		66-130	9		30
p/m-Xylene	96		88		70-130	9		30
o-Xylene	93		87		70-130	7		30
cis-1,2-Dichloroethene	94		81		70-130	15		30
Dibromomethane	95		90		70-130	5		30
Styrene	98		92		70-130	6		30
Dichlorodifluoromethane	99		82		30-146	19		30
Acetone	96		90		54-140	6		30
Carbon disulfide	90		72		59-130	22		30
2-Butanone	100		99		70-130	1		30
Vinyl acetate	104		96		70-130	8		30
4-Methyl-2-pentanone	96		96		70-130	0		30
1,2,3-Trichloropropane	105		103		68-130	2		30
2-Hexanone	100		101		70-130	1		30
Bromochloromethane	88		80		70-130	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 Batch: WG1940224-3 WG1940224-4								
2,2-Dichloropropane	107		94		70-130	13		30
1,2-Dibromoethane	92		92		70-130	0		30
1,3-Dichloropropane	102		100		69-130	2		30
1,1,1,2-Tetrachloroethane	92		87		70-130	6		30
Bromobenzene	88		84		70-130	5		30
n-Butylbenzene	109		103		70-130	6		30
sec-Butylbenzene	99		93		70-130	6		30
tert-Butylbenzene	94		87		70-130	8		30
o-Chlorotoluene	104		97		70-130	7		30
p-Chlorotoluene	102		97		70-130	5		30
1,2-Dibromo-3-chloropropane	85		83		68-130	2		30
Hexachlorobutadiene	81		73		67-130	10		30
Isopropylbenzene	96		91		70-130	5		30
p-Isopropyltoluene	96		90		70-130	6		30
Naphthalene	92		92		70-130	0		30
Acrylonitrile	99		93		70-130	6		30
n-Propylbenzene	104		98		70-130	6		30
1,2,3-Trichlorobenzene	88		85		70-130	3		30
1,2,4-Trichlorobenzene	90		87		70-130	3		30
1,3,5-Trimethylbenzene	99		93		70-130	6		30
1,2,4-Trimethylbenzene	99		94		70-130	5		30
1,4-Dioxane	90		91		65-136	1		30
p-Diethylbenzene	98		92		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 Batch: WG1940224-3 WG1940224-4								
p-Ethyltoluene	99		93		70-130	6		30
1,2,4,5-Tetramethylbenzene	95		90		70-130	5		30
Ethyl ether	87		77		67-130	12		30
trans-1,4-Dichloro-2-butene	122		120		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		114		70-130
Toluene-d8	101		103		70-130
4-Bromofluorobenzene	99		103		70-130
Dibromofluoromethane	98		95		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 QC Batch ID: WG1940224-6 WG1940224-7 QC Sample: L2435023-06 Client ID: F10_0.2-2												
Methylene chloride	ND	177	120	**66**	Q	130	76		70-130	14		30
1,1-Dichloroethane	ND	177	180	101		210	119		70-130	16		30
Chloroform	ND	177	170	94		190	110		70-130	15		30
Carbon tetrachloride	ND	177	180	100		210	117		70-130	15		30
1,2-Dichloropropane	ND	177	160	91		190	108		70-130	17		30
Dibromochloromethane	ND	177	130	72		160	89		70-130	21		30
1,1,2-Trichloroethane	ND	177	150	83		180	101		70-130	19		30
Tetrachloroethene	ND	177	160	90		190	106		70-130	16		30
Chlorobenzene	ND	177	140	78		160	93		70-130	17		30
Trichlorofluoromethane	ND	177	150	85		180	101		70-139	17		30
1,2-Dichloroethane	ND	177	160	88		180	105		70-130	16		30
1,1,1-Trichloroethane	ND	177	190	106		220	125		70-130	15		30
Bromodichloromethane	ND	177	150	84		180	100		70-130	17		30
trans-1,3-Dichloropropene	ND	177	150	87		180	104		70-130	17		30
cis-1,3-Dichloropropene	ND	177	150	86		180	101		70-130	15		30
1,1-Dichloropropene	ND	177	190	105		210	121		70-130	14		30
Bromoform	ND	177	110	**62**	Q	130	76		70-130	20		30
1,1,2,2-Tetrachloroethane	ND	177	140	80		170	97		70-130	19		30
Benzene	ND	177	170	97		200	114		70-130	16		30
Toluene	1.0J	177	160	93		200	111		70-130	17		30
Ethylbenzene	1.1J	177	170	96		200	113		70-130	16		30
Chloromethane	ND	177	180	102		210	120		52-130	16		30
Bromomethane	ND	177	130	72		150	88		57-147	18		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 QC Batch ID: WG1940224-6 WG1940224-7 QC Sample: L2435023-06 Client ID: F10_0.2-2												
Vinyl chloride	ND	177	180	101		210	119		67-130	16		30
Chloroethane	ND	177	150	86		180	102		50-151	16		30
1,1-Dichloroethene	ND	177	140	80		160	93		65-135	14		30
trans-1,2-Dichloroethene	ND	177	150	85		170	98		70-130	14		30
Trichloroethene	ND	177	170	96		200	112		70-130	15		30
1,2-Dichlorobenzene	ND	177	98	**56**	Q	120	**69**	Q	70-130	22		30
1,3-Dichlorobenzene	ND	177	110	**62**	Q	130	76		70-130	21		30
1,4-Dichlorobenzene	ND	177	100	**59**	Q	130	71		70-130	18		30
Methyl tert butyl ether	ND	177	150	84		180	101		66-130	18		30
p/m-Xylene	5.2	353	320	89		380	105		70-130	16		30
o-Xylene	1.4J	353	300	84		350	100		70-130	17		30
cis-1,2-Dichloroethene	ND	177	160	89		190	105		70-130	16		30
Dibromomethane	ND	177	140	78		170	94		70-130	18		30
Styrene	ND	353	270	77		320	91		70-130	16		30
Dichlorodifluoromethane	ND	177	190	110		230	132		30-146	18		30
Acetone	ND	177	110	62		130	74		54-140	17		30
Carbon disulfide	ND	177	150	84		170	97		59-130	14		30
2-Butanone	ND	177	140	81		170	98		70-130	18		30
Vinyl acetate	ND	177	84	**47**	Q	78	**44**	Q	70-130	7		30
4-Methyl-2-pentanone	ND	177	150	84		190	106		70-130	22		30
1,2,3-Trichloropropane	ND	177	140	82		170	96		68-130	16		30
2-Hexanone	ND	177	150	84		180	102		70-130	20		30
Bromochloromethane	ND	177	130	76		160	88		70-130	15		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 QC Batch ID: WG1940224-6 WG1940224-7 QC Sample: L2435023-06 Client ID: F10_0.2-2												
2,2-Dichloropropane	ND	177	200	114		230	**132**	Q	70-130	14		30
1,2-Dibromoethane	ND	177	130	75		160	91		70-130	18		30
1,3-Dichloropropane	ND	177	150	84		180	101		69-130	18		30
1,1,1,2-Tetrachloroethane	ND	177	140	79		170	96		70-130	19		30
Bromobenzene	ND	177	120	**66**	Q	140	78		70-130	17		30
n-Butylbenzene	ND	177	150	86		190	108		70-130	22		30
sec-Butylbenzene	ND	177	160	89		190	110		70-130	21		30
tert-Butylbenzene	ND	177	150	87		190	107		70-130	20		30
o-Chlorotoluene	ND	177	150	86		180	103		70-130	17		30
p-Chlorotoluene	ND	177	140	79		170	96		70-130	18		30
1,2-Dibromo-3-chloropropane	ND	177	100	**57**	Q	120	71		68-130	21		30
Hexachlorobutadiene	ND	177	95	**54**	Q	130	73		67-130	29		30
Isopropylbenzene	ND	177	170	97		200	116		70-130	17		30
p-Isopropyltoluene	ND	177	150	82		180	102		70-130	21		30
Naphthalene	ND	177	63	**36**	Q	80	**46**	Q	70-130	24		30
Acrylonitrile	ND	177	140	77		170	94		70-130	20		30
n-Propylbenzene	ND	177	170	96		200	116		70-130	18		30
1,2,3-Trichlorobenzene	ND	177	54	**31**	Q	73	**42**	Q	70-130	30		30
1,2,4-Trichlorobenzene	ND	177	64	**36**	Q	86	**49**	Q	70-130	28		30
1,3,5-Trimethylbenzene	ND	177	150	86		180	104		70-130	19		30
1,2,4-Trimethylbenzene	ND	177	140	80		170	97		70-130	19		30
1,4-Dioxane	ND	8830	7300	83		8900	101		65-136	19		30
p-Diethylbenzene	ND	177	140	79		170	98		70-130	22		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 QC Batch ID: WG1940224-6 WG1940224-7 QC Sample: L2435023-06 Client ID: F10_0.2-2												
p-Ethyltoluene	ND	177	160	88		190	108		70-130	19		30
1,2,4,5-Tetramethylbenzene	ND	177	110	**61**	Q	140	78		70-130	24		30
Ethyl ether	ND	177	120	67		140	78		67-130	16		30
trans-1,4-Dichloro-2-butene	ND	177	150	86		180	103		70-130	17		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		110		70-130
4-Bromofluorobenzene	109		107		70-130
Dibromofluoromethane	96		96		70-130
Toluene-d8	102		102		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-02
Client ID: F11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/27/24 11:01
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	110		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-02 Date Collected: 06/20/24 09:05

Client ID: F11_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	78	J	ug/kg	110	21.	1
Benzo(a)pyrene	80	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	120		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	82	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	59	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	43	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	51	J	ug/kg	150	26.	1
Pyrene	100	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-02 Date Collected: 06/20/24 09:05

Client ID: F11_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	5400	J	ug/kg			1
Unknown	242	J	ug/kg			1
Unknown	158	J	ug/kg			1
Unknown	503	J	ug/kg			1
Unknown	2410	J	ug/kg			1
Unknown Organic Acid	275	J	ug/kg			1
Unknown	1560	J	ug/kg			1
Unknown Aldehyde	248	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	57		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-06
Client ID: F10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:50
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/27/24 11:25
Analyst: JG
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	26.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	31.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
1,2-Dichlorobenzene	ND		ug/kg	230	42.	1
1,3-Dichlorobenzene	ND		ug/kg	230	40.	1
1,4-Dichlorobenzene	ND		ug/kg	230	40.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	62.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	40.	1
Fluoranthene	ND		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	40.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	660	210	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	ND		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	36.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	80.	1
Butyl benzyl phthalate	ND		ug/kg	230	58.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	79.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-06 Date Collected: 06/20/24 09:50

Client ID: F10_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	49.	1
Benzo(a)anthracene	ND		ug/kg	140	26.	1
Benzo(a)pyrene	ND		ug/kg	180	56.	1
Benzo(b)fluoranthene	ND		ug/kg	140	39.	1
Benzo(k)fluoranthene	ND		ug/kg	140	37.	1
Chrysene	ND		ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	36.	1
Anthracene	ND		ug/kg	140	45.	1
Benzo(ghi)perylene	ND		ug/kg	180	27.	1
Fluorene	ND		ug/kg	230	22.	1
Phenanthrene	ND		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	27.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	32.	1
Pyrene	ND		ug/kg	140	23.	1
Biphenyl	ND		ug/kg	530	30.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	45.	1
3-Nitroaniline	ND		ug/kg	230	44.	1
4-Nitroaniline	ND		ug/kg	230	96.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	ND		ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	29.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	210	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	76.	1
2-Nitrophenol	ND		ug/kg	500	87.	1
4-Nitrophenol	ND		ug/kg	320	94.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	600	110	1
Pentachlorophenol	ND		ug/kg	180	51.	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	36.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-06 Date Collected: 06/20/24 09:50

Client ID: F10_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1
Benzoic Acid	ND		ug/kg	750	230	1
Benzyl Alcohol	ND		ug/kg	230	71.	1
Carbazole	ND		ug/kg	230	22.	1
1,4-Dioxane	ND		ug/kg	35	11.	1
Tentatively Identified Compounds						
Total TIC Compounds	213	J	ug/kg			1
Unknown	213	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	52		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-10
Client ID: F9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 10:35
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 04:16
Analyst: SZ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-10 Date Collected: 06/20/24 10:35

Client ID: F9_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-10 Date Collected: 06/20/24 10:35

Client ID: F9_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	93		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-14
Client ID: F8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 11:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/27/24 14:55
Analyst: JG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-14 Date Collected: 06/20/24 11:05

Client ID: F8_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-14 Date Collected: 06/20/24 11:05

Client ID: F8_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	31	9.4	1
Tentatively Identified Compounds						
Total TIC Compounds	1440	J	ug/kg			1
Unknown	853	J	ug/kg			1
Unknown Organic Acid	178	J	ug/kg			1
Unknown	406	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	57		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-17
Client ID: FB_06202024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 12:10
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E
Analytical Date: 06/28/24 16:51
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-17 Date Collected: 06/20/24 12:10

Client ID: FB_06202024 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND		ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	42		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	67		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-17
Client ID: FB_06202024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 12:10
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 06/25/24 22:26
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 06/25/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-17
Client ID: FB_06202024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 12:10
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 06/28/24 12:14
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.18	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-17 Date Collected: 06/20/24 12:10

Client ID: FB_06202024 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	49		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	86		41-149

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-19
Client ID: F7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 12:45
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 06:11
Analyst: SZ
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	23	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-19 Date Collected: 06/20/24 12:45

Client ID: F7_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	21	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-19 Date Collected: 06/20/24 12:45

Client ID: F7_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
Total TIC Compounds	545	J	ug/kg			1
Unknown Alkane	270	J	ug/kg			1
Unknown	275	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	70		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-23
Client ID: F6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 13:20
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/27/24 15:19
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-23 Date Collected: 06/20/24 13:20

Client ID: F6_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-23 Date Collected: 06/20/24 13:20

Client ID: F6_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
Total TIC Compounds	1320	J	ug/kg			1
Unknown	253	J	ug/kg			1
Unknown Organic Acid	220	J	ug/kg			1
Unknown	407	J	ug/kg			1
Unknown	250	J	ug/kg			1
Unknown Amide	190	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	57		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-27
Client ID: F5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 14:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 06:57
Analyst: SZ
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	190	25.	1
1,2,4-Trichlorobenzene	ND		ug/kg	240	28.	1
Hexachlorobenzene	ND		ug/kg	140	27.	1
Bis(2-chloroethyl)ether	ND		ug/kg	220	33.	1
2-Chloronaphthalene	ND		ug/kg	240	24.	1
1,2-Dichlorobenzene	ND		ug/kg	240	43.	1
1,3-Dichlorobenzene	ND		ug/kg	240	41.	1
1,4-Dichlorobenzene	ND		ug/kg	240	42.	1
3,3'-Dichlorobenzidine	ND		ug/kg	240	64.	1
2,4-Dinitrotoluene	ND		ug/kg	240	48.	1
2,6-Dinitrotoluene	ND		ug/kg	240	41.	1
Fluoranthene	ND		ug/kg	140	28.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	240	26.	1
4-Bromophenyl phenyl ether	ND		ug/kg	240	37.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	290	41.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	260	24.	1
Hexachlorobutadiene	ND		ug/kg	240	35.	1
Hexachlorocyclopentadiene	ND		ug/kg	690	220	1
Hexachloroethane	ND		ug/kg	190	39.	1
Isophorone	ND		ug/kg	220	31.	1
Naphthalene	ND		ug/kg	240	29.	1
Nitrobenzene	ND		ug/kg	220	36.	1
NDPA/DPA	ND		ug/kg	190	27.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	240	37.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	240	83.	1
Butyl benzyl phthalate	ND		ug/kg	240	60.	1
Di-n-butylphthalate	ND		ug/kg	240	46.	1
Di-n-octylphthalate	ND		ug/kg	240	82.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-27 Date Collected: 06/20/24 14:05

Client ID: F5_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	240	22.	1
Dimethyl phthalate	ND		ug/kg	240	50.	1
Benzo(a)anthracene	ND		ug/kg	140	27.	1
Benzo(a)pyrene	ND		ug/kg	190	59.	1
Benzo(b)fluoranthene	ND		ug/kg	140	40.	1
Benzo(k)fluoranthene	ND		ug/kg	140	38.	1
Chrysene	ND		ug/kg	140	25.	1
Acenaphthylene	ND		ug/kg	190	37.	1
Anthracene	ND		ug/kg	140	47.	1
Benzo(ghi)perylene	ND		ug/kg	190	28.	1
Fluorene	ND		ug/kg	240	23.	1
Phenanthrene	ND		ug/kg	140	29.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	28.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	190	34.	1
Pyrene	ND		ug/kg	140	24.	1
Biphenyl	ND		ug/kg	550	31.	1
4-Chloroaniline	ND		ug/kg	240	44.	1
2-Nitroaniline	ND		ug/kg	240	46.	1
3-Nitroaniline	ND		ug/kg	240	45.	1
4-Nitroaniline	ND		ug/kg	240	100	1
Dibenzofuran	ND		ug/kg	240	23.	1
2-Methylnaphthalene	ND		ug/kg	290	29.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	240	25.	1
Acetophenone	ND		ug/kg	240	30.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	46.	1
p-Chloro-m-cresol	ND		ug/kg	240	36.	1
2-Chlorophenol	ND		ug/kg	240	28.	1
2,4-Dichlorophenol	ND		ug/kg	220	39.	1
2,4-Dimethylphenol	ND		ug/kg	240	79.	1
2-Nitrophenol	ND		ug/kg	520	90.	1
4-Nitrophenol	ND		ug/kg	340	98.	1
2,4-Dinitrophenol	ND		ug/kg	1200	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	620	120	1
Pentachlorophenol	ND		ug/kg	190	53.	1
Phenol	ND		ug/kg	240	36.	1
2-Methylphenol	ND		ug/kg	240	37.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	350	38.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-27 Date Collected: 06/20/24 14:05

Client ID: F5_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	240	46.	1
Benzoic Acid	ND		ug/kg	780	240	1
Benzyl Alcohol	ND		ug/kg	240	74.	1
Carbazole	ND		ug/kg	240	23.	1
1,4-Dioxane	ND		ug/kg	36	11.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	103		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	94		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/25/24 15:23
Analyst: CSP

Extraction Method: EPA 3510C
Extraction Date: 06/25/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 17 Batch: WG1938902-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	28		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 07:53
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,19,23,27 Batch: WG1939970-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 07:53
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,19,23,27 Batch: WG1939970-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 07:53
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,19,23,27 Batch: WG1939970-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	72		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/28/24 12:09
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 17 Batch: WG1940351-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/28/24 12:09
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 17 Batch: WG1940351-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/28/24 12:09
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 17 Batch: WG1940351-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	24		21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	39		15-120
2,4,6-Tribromophenol	38		10-120
4-Terphenyl-d14	72		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/28/24 11:58
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 17 Batch: WG1940352-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/28/24 11:58
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 17 Batch: WG1940352-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	89		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 17 Batch: WG1938902-2 WG1938902-3								
1,4-Dioxane	128		129		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	25		26		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 Batch: WG1939970-2 WG1939970-3								
Acenaphthene	72		75		31-137	4		50
1,2,4-Trichlorobenzene	72		79		38-107	9		50
Hexachlorobenzene	67		70		40-140	4		50
Bis(2-chloroethyl)ether	74		81		40-140	9		50
2-Chloronaphthalene	75		78		40-140	4		50
1,2-Dichlorobenzene	68		76		40-140	11		50
1,3-Dichlorobenzene	66		76		40-140	14		50
1,4-Dichlorobenzene	67		76		28-104	13		50
3,3'-Dichlorobenzidine	75		72		40-140	4		50
2,4-Dinitrotoluene	85		89		40-132	5		50
2,6-Dinitrotoluene	86		92		40-140	7		50
Fluoranthene	74		76		40-140	3		50
4-Chlorophenyl phenyl ether	70		76		40-140	8		50
4-Bromophenyl phenyl ether	74		75		40-140	1		50
Bis(2-chloroisopropyl)ether	90		99		40-140	10		50
Bis(2-chloroethoxy)methane	81		88		40-117	8		50
Hexachlorobutadiene	72		79		40-140	9		50
Hexachlorocyclopentadiene	87		94		40-140	8		50
Hexachloroethane	72		83		40-140	14		50
Isophorone	78		84		40-140	7		50
Naphthalene	73		78		40-140	7		50
Nitrobenzene	78		87		40-140	11		50
NDPA/DPA	74		76		36-157	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 Batch: WG1939970-2 WG1939970-3								
n-Nitrosodi-n-propylamine	77		84		32-121	9		50
Bis(2-ethylhexyl)phthalate	91		96		40-140	5		50
Butyl benzyl phthalate	90		90		40-140	0		50
Di-n-butylphthalate	76		79		40-140	4		50
Di-n-octylphthalate	96		99		40-140	3		50
Diethyl phthalate	73		75		40-140	3		50
Dimethyl phthalate	76		80		40-140	5		50
Benzo(a)anthracene	78		82		40-140	5		50
Benzo(a)pyrene	80		83		40-140	4		50
Benzo(b)fluoranthene	80		84		40-140	5		50
Benzo(k)fluoranthene	76		79		40-140	4		50
Chrysene	79		85		40-140	7		50
Acenaphthylene	72		76		40-140	5		50
Anthracene	75		78		40-140	4		50
Benzo(ghi)perylene	74		77		40-140	4		50
Fluorene	73		75		40-140	3		50
Phenanthrene	72		75		40-140	4		50
Dibenzo(a,h)anthracene	75		78		40-140	4		50
Indeno(1,2,3-cd)pyrene	75		79		40-140	5		50
Pyrene	75		77		35-142	3		50
Biphenyl	75		80		37-127	6		50
4-Chloroaniline	78		90		40-140	14		50
2-Nitroaniline	93		97		47-134	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 Batch: WG1939970-2 WG1939970-3								
3-Nitroaniline	76		76		26-129	0		50
4-Nitroaniline	78		80		41-125	3		50
Dibenzofuran	71		73		40-140	3		50
2-Methylnaphthalene	78		82		40-140	5		50
1,2,4,5-Tetrachlorobenzene	76		81		40-117	6		50
Acetophenone	79		86		14-144	8		50
2,4,6-Trichlorophenol	82		87		30-130	6		50
p-Chloro-m-cresol	81		88		26-103	8		50
2-Chlorophenol	78		83		25-102	6		50
2,4-Dichlorophenol	80		87		30-130	8		50
2,4-Dimethylphenol	91		97		30-130	6		50
2-Nitrophenol	93		100		30-130	7		50
4-Nitrophenol	94		98		11-114	4		50
2,4-Dinitrophenol	73		89		4-130	20		50
4,6-Dinitro-o-cresol	88		96		10-130	9		50
Pentachlorophenol	70		71		17-109	1		50
Phenol	73		79		26-90	8		50
2-Methylphenol	83		90		30-130.	8		50
3-Methylphenol/4-Methylphenol	88		96		30-130	9		50
2,4,5-Trichlorophenol	84		89		30-130	6		50
Benzoic Acid	85		72		10-110	17		50
Benzyl Alcohol	77		85		40-140	10		50
Carbazole	75		78		54-128	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 Batch: WG1939970-2 WG1939970-3								
1,4-Dioxane	58		71		40-140	20		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		87		25-120
Phenol-d6	78		83		10-120
Nitrobenzene-d5	78		82		23-120
2-Fluorobiphenyl	72		76		30-120
2,4,6-Tribromophenol	63		63		10-136
4-Terphenyl-d14	68		68		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 Batch: WG1940351-2 WG1940351-3								
Acenaphthene	77		75		37-111	3		30
1,2,4-Trichlorobenzene	65		66		39-98	2		30
Hexachlorobenzene	75		71		40-140	5		30
Bis(2-chloroethyl)ether	80		79		40-140	1		30
2-Chloronaphthalene	72		66		40-140	9		30
1,2-Dichlorobenzene	70		66		40-140	6		30
1,3-Dichlorobenzene	66		67		40-140	2		30
1,4-Dichlorobenzene	69		68		36-97	1		30
3,3'-Dichlorobenzidine	94		88		40-140	7		30
2,4-Dinitrotoluene	85		77		48-143	10		30
2,6-Dinitrotoluene	84		78		40-140	7		30
Fluoranthene	84		78		40-140	7		30
4-Chlorophenyl phenyl ether	73		70		40-140	4		30
4-Bromophenyl phenyl ether	74		71		40-140	4		30
Bis(2-chloroisopropyl)ether	72		74		40-140	3		30
Bis(2-chloroethoxy)methane	80		78		40-140	3		30
Hexachlorobutadiene	62		59		40-140	5		30
Hexachlorocyclopentadiene	**34**	Q	**33**	Q	40-140	3		30
Hexachloroethane	62		60		40-140	3		30
Isophorone	81		80		40-140	1		30
Naphthalene	73		68		40-140	7		30
Nitrobenzene	78		79		40-140	1		30
NDPA/DPA	83		76		40-140	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 Batch: WG1940351-2 WG1940351-3								
n-Nitrosodi-n-propylamine	83		81		29-132	2		30
Bis(2-ethylhexyl)phthalate	78		70		40-140	11		30
Butyl benzyl phthalate	79		73		40-140	8		30
Di-n-butylphthalate	81		72		40-140	12		30
Di-n-octylphthalate	82		74		40-140	10		30
Diethyl phthalate	86		80		40-140	7		30
Dimethyl phthalate	87		78		40-140	11		30
Benzo(a)anthracene	82		76		40-140	8		30
Benzo(a)pyrene	97		90		40-140	7		30
Benzo(b)fluoranthene	96		81		40-140	17		30
Benzo(k)fluoranthene	90		88		40-140	2		30
Chrysene	85		79		40-140	7		30
Acenaphthylene	79		72		45-123	9		30
Anthracene	82		77		40-140	6		30
Benzo(ghi)perylene	107		100		40-140	7		30
Fluorene	78		75		40-140	4		30
Phenanthrene	83		77		40-140	8		30
Dibenzo(a,h)anthracene	102		95		40-140	7		30
Indeno(1,2,3-cd)pyrene	100		94		40-140	6		30
Pyrene	84		79		26-127	6		30
Biphenyl	71		61		40-140	15		30
4-Chloroaniline	79		72		40-140	9		30
2-Nitroaniline	88		79		52-143	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 Batch: WG1940351-2 WG1940351-3								
3-Nitroaniline	95		90		25-145	5		30
4-Nitroaniline	90		88		51-143	2		30
Dibenzofuran	76		75		40-140	1		30
2-Methylnaphthalene	70		68		40-140	3		30
1,2,4,5-Tetrachlorobenzene	63		58		2-134	8		30
Acetophenone	80		78		39-129	3		30
2,4,6-Trichlorophenol	70		77		30-130	10		30
p-Chloro-m-cresol	83		78		23-97	6		30
2-Chlorophenol	65		77		27-123	17		30
2,4-Dichlorophenol	69		82		30-130	17		30
2,4-Dimethylphenol	73		73		30-130	0		30
2-Nitrophenol	66		82		30-130	22		30
4-Nitrophenol	36		45		10-80	22		30
2,4-Dinitrophenol	38		40		20-130	5		30
4,6-Dinitro-o-cresol	68		80		20-164	16		30
Pentachlorophenol	63		67		9-103	6		30
Phenol	38		42		12-110	10		30
2-Methylphenol	71		73		30-130	3		30
3-Methylphenol/4-Methylphenol	65		71		30-130	9		30
2,4,5-Trichlorophenol	72		77		30-130	7		30
Benzoic Acid	**0**	Q	**0**	Q	10-164	NC		30
Benzyl Alcohol	77		76		26-116	1		30
Carbazole	88		82		55-144	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 Batch: WG1940351-2 WG1940351-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	41		48		21-120
Phenol-d6	29		34		10-120
Nitrobenzene-d5	65		65		23-120
2-Fluorobiphenyl	52		51		15-120
2,4,6-Tribromophenol	63		73		10-120
4-Terphenyl-d14	68		63		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 17 Batch: WG1940352-2 WG1940352-3								
Acenaphthene	86		88		40-140	2		40
2-Chloronaphthalene	74		77		40-140	4		40
Fluoranthene	99		98		40-140	1		40
Hexachlorobutadiene	60		63		40-140	5		40
Naphthalene	74		78		40-140	5		40
Benzo(a)anthracene	97		100		40-140	3		40
Benzo(a)pyrene	110		107		40-140	3		40
Benzo(b)fluoranthene	110		103		40-140	7		40
Benzo(k)fluoranthene	100		106		40-140	6		40
Chrysene	108		102		40-140	6		40
Acenaphthylene	86		88		40-140	2		40
Anthracene	95		96		40-140	1		40
Benzo(ghi)perylene	112		108		40-140	4		40
Fluorene	89		90		40-140	1		40
Phenanthrene	90		90		40-140	0		40
Dibenzo(a,h)anthracene	117		115		40-140	2		40
Indeno(1,2,3-cd)pyrene	122		116		40-140	5		40
Pyrene	98		96		40-140	2		40
2-Methylnaphthalene	81		84		40-140	4		40
Pentachlorophenol	74		84		40-140	13		40
Hexachlorobenzene	77		78		40-140	1		40
Hexachloroethane	69		73		40-140	6		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 17 Batch: WG1940352-2 WG1940352-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	48		61		21-120
Phenol-d6	39		46		10-120
Nitrobenzene-d5	91		95		23-120
2-Fluorobiphenyl	55		60		15-120
2,4,6-Tribromophenol	84		99		10-120
4-Terphenyl-d14	81		80		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 QC Batch ID: WG1939970-4 WG1939970-5 QC Sample: L2435023-06 Client ID: F10_0.2-2												
Acenaphthene	ND	1860	1200	64		1300	70		31-137	8		50
1,2,4-Trichlorobenzene	ND	1860	1200	64		1400	75		38-107	15		50
Hexachlorobenzene	ND	1860	980	53		1200	64		40-140	20		50
Bis(2-chloroethyl)ether	ND	1860	1400	75		1500	80		40-140	7		50
2-Chloronaphthalene	ND	1860	1200	64		1400	75		40-140	15		50
1,2-Dichlorobenzene	ND	1860	1200	64		1400	75		40-140	15		50
1,3-Dichlorobenzene	ND	1860	1200	64		1400	75		40-140	15		50
1,4-Dichlorobenzene	ND	1860	1200	64		1400	75		28-104	15		50
3,3'-Dichlorobenzidine	ND	1860	1300	70		1400	75		40-140	7		50
2,4-Dinitrotoluene	ND	1860	1400	75		1600	86		40-132	13		50
2,6-Dinitrotoluene	ND	1860	1500	80		1700	91		40-140	13		50
Fluoranthene	ND	1860	1100	59		1300	70		40-140	17		50
4-Chlorophenyl phenyl ether	ND	1860	1100	59		1300	70		40-140	17		50
4-Bromophenyl phenyl ether	ND	1860	1100	59		1300	70		40-140	17		50
Bis(2-chloroisopropyl)ether	ND	1860	1700	91		1900	100		40-140	11		50
Bis(2-chloroethoxy)methane	ND	1860	1500	80		1600	86		40-117	6		50
Hexachlorobutadiene	ND	1860	1100	59		1300	70		40-140	17		50
Hexachlorocyclopentadiene	ND	1860	1000	54		1200	64		40-140	18		50
Hexachloroethane	ND	1860	1200	64		1400	75		40-140	15		50
Isophorone	ND	1860	1400	75		1600	86		40-140	13		50
Naphthalene	ND	1860	1200	64		1400	75		40-140	15		50
Nitrobenzene	ND	1860	1500	80		1600	86		40-140	6		50
NDPA/DPA	ND	1860	1200	64		1400	75		36-157	15		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 QC Batch ID: WG1939970-4 WG1939970-5 QC Sample: L2435023-06 Client ID: F10_0.2-2												
n-Nitrosodi-n-propylamine	ND	1860	1400	75		1600	86		32-121	13		50
Bis(2-ethylhexyl)phthalate	ND	1860	1400	75		1700	91		40-140	19		50
Butyl benzyl phthalate	ND	1860	1300	70		1500	80		40-140	14		50
Di-n-butylphthalate	ND	1860	1200	64		1300	70		40-140	8		50
Di-n-octylphthalate	ND	1860	1500	80		1700	91		40-140	13		50
Diethyl phthalate	ND	1860	1200	64		1400	75		40-140	15		50
Dimethyl phthalate	ND	1860	1300	70		1500	80		40-140	14		50
Benzo(a)anthracene	ND	1860	1200	64		1400	75		40-140	15		50
Benzo(a)pyrene	ND	1860	1200	64		1400	75		40-140	15		50
Benzo(b)fluoranthene	ND	1860	1200	64		1400	75		40-140	15		50
Benzo(k)fluoranthene	ND	1860	1100	59		1300	70		40-140	17		50
Chrysene	ND	1860	1200	64		1400	75		40-140	15		50
Acenaphthylene	ND	1860	1200	64		1400	75		40-140	15		50
Anthracene	ND	1860	1100	59		1300	70		40-140	17		50
Benzo(ghi)perylene	ND	1860	1000	54		1300	70		40-140	26		50
Fluorene	ND	1860	1100	59		1300	70		40-140	17		50
Phenanthrene	ND	1860	1100	59		1300	70		40-140	17		50
Dibenzo(a,h)anthracene	ND	1860	1100	59		1300	70		40-140	17		50
Indeno(1,2,3-cd)pyrene	ND	1860	1100	59		1300	70		40-140	17		50
Pyrene	ND	1860	1100	59		1300	70		35-142	17		50
Biphenyl	ND	1860	1200	64		1400	75		37-127	15		50
4-Chloroaniline	ND	1860	1300	70		1400	75		40-140	7		50
2-Nitroaniline	ND	1860	1600	86		1800	96		47-134	12		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 QC Batch ID: WG1939970-4 WG1939970-5 QC Sample: L2435023-06 Client ID: F10_0.2-2

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
3-Nitroaniline	ND	1860	1300	70		1400	75		26-129	7		50
4-Nitroaniline	ND	1860	1300	70		1400	75		41-125	7		50
Dibenzofuran	ND	1860	1100	59		1300	70		40-140	17		50
2-Methylnaphthalene	ND	1860	1200	64		1500	80		40-140	22		50
1,2,4,5-Tetrachlorobenzene	ND	1860	1200	64		1400	75		40-117	15		50
Acetophenone	ND	1860	1400	75		1600	86		14-144	13		50
2,4,6-Trichlorophenol	ND	1860	1400	75		1600	86		30-130	13		50
p-Chloro-m-cresol	ND	1860	1400	75		1600	86		26-103	13		50
2-Chlorophenol	ND	1860	1400	75		1600	86		25-102	13		50
2,4-Dichlorophenol	ND	1860	1400	75		1600	86		30-130	13		50
2,4-Dimethylphenol	ND	1860	1600	86		1700	91		30-130	6		50
2-Nitrophenol	ND	1860	1700	91		1900	100		30-130	11		50
4-Nitrophenol	ND	1860	1600	86		1800	96		11-114	12		50
2,4-Dinitrophenol	ND	1860	990J	53		1200	64		4-130	19		50
4,6-Dinitro-o-cresol	ND	1860	1200	64		1300	70		10-130	8		50
Pentachlorophenol	ND	1860	1200	64		1400	75		17-109	15		50
Phenol	ND	1860	1300	70		1500	80		26-90	14		50
2-Methylphenol	ND	1860	1500	80		1600	86		30-130.	6		50
3-Methylphenol/4-Methylphenol	ND	1860	1500	80		1700	91		30-130	13		50
2,4,5-Trichlorophenol	ND	1860	1500	80		1600	86		30-130	6		50
Benzoic Acid	ND	1860	1300	70		1600	86		10-110	21		50
Benzyl Alcohol	ND	1860	1400	75		1600	86		40-140	13		50
Carbazole	ND	1860	1200	64		1400	75		54-128	15		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 QC Batch ID: WG1939970-4 WG1939970-5 QC Sample: L2435023-06 Client ID: F10_0.2-2												
1,4-Dioxane	ND	1860	1100	59		1200	64		40-140	9		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	56		62		10-136
2-Fluorobiphenyl	55		64		30-120
2-Fluorophenol	76		83		25-120
4-Terphenyl-d14	41		48		18-120
Nitrobenzene-d5	75		83		23-120
Phenol-d6	74		80		10-120

PCBS

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-02
Client ID: F11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/24 19:57
Analyst: AD
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 00:34
Cleanup Method: EPA 3665A
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.7	4.94	1	A
Aroclor 1221	ND		ug/kg	55.7	5.58	1	A
Aroclor 1232	ND		ug/kg	55.7	11.8	1	A
Aroclor 1242	ND		ug/kg	55.7	7.50	1	A
Aroclor 1248	ND		ug/kg	55.7	8.35	1	A
Aroclor 1254	ND		ug/kg	55.7	6.09	1	A
Aroclor 1260	23.1	J	ug/kg	55.7	10.3	1	A
Aroclor 1262	ND		ug/kg	55.7	7.07	1	A
Aroclor 1268	ND		ug/kg	55.7	5.77	1	A
PCBs, Total	23.1	J	ug/kg	55.7	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-06
Client ID: F10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:50
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/24 18:54
Analyst: AD
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 00:34
Cleanup Method: EPA 3665A
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	69.2	6.15	1	A
Aroclor 1221	ND		ug/kg	69.2	6.94	1	A
Aroclor 1232	ND		ug/kg	69.2	14.7	1	A
Aroclor 1242	ND		ug/kg	69.2	9.33	1	A
Aroclor 1248	ND		ug/kg	69.2	10.4	1	A
Aroclor 1254	ND		ug/kg	69.2	7.57	1	A
Aroclor 1260	ND		ug/kg	69.2	12.8	1	A
Aroclor 1262	ND		ug/kg	69.2	8.79	1	A
Aroclor 1268	ND		ug/kg	69.2	7.17	1	A
PCBs, Total	ND		ug/kg	69.2	6.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-10
Client ID: F9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 10:35
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/24 20:05
Analyst: AD
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 00:34
Cleanup Method: EPA 3665A
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.3	4.64	1	A
Aroclor 1221	ND		ug/kg	52.3	5.24	1	A
Aroclor 1232	ND		ug/kg	52.3	11.1	1	A
Aroclor 1242	ND		ug/kg	52.3	7.05	1	A
Aroclor 1248	ND		ug/kg	52.3	7.85	1	A
Aroclor 1254	ND		ug/kg	52.3	5.72	1	A
Aroclor 1260	ND		ug/kg	52.3	9.67	1	A
Aroclor 1262	ND		ug/kg	52.3	6.64	1	A
Aroclor 1268	ND		ug/kg	52.3	5.42	1	A
PCBs, Total	ND		ug/kg	52.3	4.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-14
Client ID: F8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 11:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/24 20:13
Analyst: AD
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 00:34
Cleanup Method: EPA 3665A
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.8	5.04	1	A
Aroclor 1221	ND		ug/kg	56.8	5.69	1	A
Aroclor 1232	ND		ug/kg	56.8	12.0	1	A
Aroclor 1242	ND		ug/kg	56.8	7.65	1	A
Aroclor 1248	ND		ug/kg	56.8	8.52	1	A
Aroclor 1254	ND		ug/kg	56.8	6.21	1	A
Aroclor 1260	ND		ug/kg	56.8	10.5	1	A
Aroclor 1262	ND		ug/kg	56.8	7.21	1	A
Aroclor 1268	ND		ug/kg	56.8	5.88	1	A
PCBs, Total	ND		ug/kg	56.8	5.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-17
Client ID: FB_06202024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 12:10
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8082A
Analytical Date: 06/27/24 13:21
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 00:01
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	137		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-19
Client ID: F7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 12:45
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/24 20:21
Analyst: AD
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 00:34
Cleanup Method: EPA 3665A
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.6	4.94	1	A
Aroclor 1221	ND		ug/kg	55.6	5.57	1	A
Aroclor 1232	ND		ug/kg	55.6	11.8	1	A
Aroclor 1242	ND		ug/kg	55.6	7.49	1	A
Aroclor 1248	ND		ug/kg	55.6	8.34	1	A
Aroclor 1254	ND		ug/kg	55.6	6.08	1	A
Aroclor 1260	ND		ug/kg	55.6	10.3	1	A
Aroclor 1262	ND		ug/kg	55.6	7.06	1	A
Aroclor 1268	ND		ug/kg	55.6	5.76	1	A
PCBs, Total	ND		ug/kg	55.6	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-23
Client ID: F6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 13:20
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/24 20:29
Analyst: AD
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 00:34
Cleanup Method: EPA 3665A
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.7	5.21	1	A
Aroclor 1221	ND		ug/kg	58.7	5.88	1	A
Aroclor 1232	ND		ug/kg	58.7	12.4	1	A
Aroclor 1242	ND		ug/kg	58.7	7.91	1	A
Aroclor 1248	ND		ug/kg	58.7	8.80	1	A
Aroclor 1254	ND		ug/kg	58.7	6.42	1	A
Aroclor 1260	ND		ug/kg	58.7	10.8	1	A
Aroclor 1262	ND		ug/kg	58.7	7.45	1	A
Aroclor 1268	ND		ug/kg	58.7	6.08	1	A
PCBs, Total	ND		ug/kg	58.7	5.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-27
Client ID: F5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 14:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/24 20:37
Analyst: AD
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 00:34
Cleanup Method: EPA 3665A
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	68.0	6.04	1	A
Aroclor 1221	ND		ug/kg	68.0	6.81	1	A
Aroclor 1232	ND		ug/kg	68.0	14.4	1	A
Aroclor 1242	ND		ug/kg	68.0	9.17	1	A
Aroclor 1248	ND		ug/kg	68.0	10.2	1	A
Aroclor 1254	ND		ug/kg	68.0	7.44	1	A
Aroclor 1260	ND		ug/kg	68.0	12.6	1	A
Aroclor 1262	ND		ug/kg	68.0	8.64	1	A
Aroclor 1268	ND		ug/kg	68.0	7.04	1	A
PCBs, Total	ND		ug/kg	68.0	6.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/27/24 10:44
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 00:01

Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 17 Batch: WG1939973-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	125		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/27/24 12:39
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/27/24 00:34
Cleanup Method: EPA 3665A
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,06,10,14,19,23,27 Batch: WG1939981-1						
Aroclor 1016	ND		ug/kg	47.6	4.23	A
Aroclor 1221	ND		ug/kg	47.6	4.77	A
Aroclor 1232	ND		ug/kg	47.6	10.1	A
Aroclor 1242	ND		ug/kg	47.6	6.42	A
Aroclor 1248	ND		ug/kg	47.6	7.14	A
Aroclor 1254	ND		ug/kg	47.6	5.21	A
Aroclor 1260	ND		ug/kg	47.6	8.80	A
Aroclor 1262	ND		ug/kg	47.6	6.05	A
Aroclor 1268	ND		ug/kg	47.6	4.93	A
PCBs, Total	ND		ug/kg	47.6	4.23	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 17 Batch: WG1939973-2 WG1939973-3									
Aroclor 1016	77		78		40-140	1		50	A
Aroclor 1260	71		75		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		79		30-150	A
Decachlorobiphenyl	85		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		83		30-150	B
Decachlorobiphenyl	133		134		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 Batch: WG1939981-2 WG1939981-3									
Aroclor 1016	71		85		40-140	18		50	A
Aroclor 1260	72		83		40-140	14		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		76		30-150	A
Decachlorobiphenyl	78		92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		82		30-150	B
Decachlorobiphenyl	78		93		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 QC Batch ID: WG1939981-4 WG1939981-5 QC Sample: L2435023-06 Client ID: F10_0.2-2													
Aroclor 1016	ND	429	354	83		351	81		40-140	1		50	A
Aroclor 1260	ND	429	348	81		342	79		40-140	2		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		66		30-150	A
Decachlorobiphenyl	83		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		73		30-150	B
Decachlorobiphenyl	87		89		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-01
Client ID: F11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:00
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/24 14:13
Analyst: SID
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.766	0.342	1	A
Alpha-BHC	ND		ug/kg	0.766	0.217	1	A
Beta-BHC	ND		ug/kg	1.84	0.697	1	A
Heptachlor	ND		ug/kg	0.919	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.647	1	A
Endrin	ND		ug/kg	0.766	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.804	1	A
Endrin ketone	ND		ug/kg	1.84	0.473	1	A
Dieldrin	163		ug/kg	1.15	0.574	1	B
4,4'-DDE	59.8		ug/kg	1.84	0.425	1	A
4,4'-DDD	ND		ug/kg	1.84	0.655	1	A
4,4'-DDT	28.6		ug/kg	1.84	1.48	1	B
Endosulfan I	ND		ug/kg	1.84	0.434	1	A
Endosulfan II	ND		ug/kg	1.84	0.614	1	A
Endosulfan sulfate	ND		ug/kg	0.766	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.65	1	A
cis-Chlordane	215	IP	ug/kg	2.30	0.640	1	B
trans-Chlordane	168	IP	ug/kg	2.30	0.606	1	A
Chlordane	1290		ug/kg	15.3	6.09	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-01
Client ID: F11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:00
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/24 17:04
Analyst: AKM
Percent Solids: 87%
Methylation Date: 06/27/24 12:00

Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	191	12.0	1	A
2,4,5-T	ND		ug/kg	191	5.93	1	A
2,4,5-TP (Silvex)	ND		ug/kg	191	5.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	79		30-150	A
DCAA	76		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-01 D
Client ID: F11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:00
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/24 18:51
Analyst: JAG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Heptachlor epoxide	400		ug/kg	6.89	2.07	2	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-02
Client ID: F11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/24 16:35
Analyst: KB
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.753	0.337	1	A
Alpha-BHC	ND		ug/kg	0.753	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.686	1	A
Heptachlor	ND		ug/kg	0.904	0.405	1	A
Aldrin	ND		ug/kg	1.81	0.636	1	A
Endrin	ND		ug/kg	0.753	0.309	1	A
Endrin aldehyde	12.7		ug/kg	2.26	0.791	1	B
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	134		ug/kg	1.13	0.565	1	B
4,4'-DDE	44.8		ug/kg	1.81	0.418	1	B
4,4'-DDD	ND		ug/kg	1.81	0.645	1	A
4,4'-DDT	23.9		ug/kg	1.81	1.45	1	B
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	ND		ug/kg	1.81	0.604	1	A
Endosulfan sulfate	ND		ug/kg	0.753	0.358	1	A
Methoxychlor	ND		ug/kg	3.39	1.05	1	A
Toxaphene	ND		ug/kg	33.9	9.49	1	A
cis-Chlordane	184	IP	ug/kg	2.26	0.630	1	B
trans-Chlordane	205		ug/kg	2.26	0.597	1	B
Chlordane	ND		ug/kg	15.1	5.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-02
Client ID: F11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/24 17:22
Analyst: AKM
Percent Solids: 86%
Methylation Date: 06/27/24 12:00

Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	191	12.0	1	A
2,4,5-T	ND		ug/kg	191	5.91	1	A
2,4,5-TP (Silvex)	ND		ug/kg	191	5.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	75		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-02 D
Client ID: F11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 19:04
Analyst: PEG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Heptachlor epoxide	417		ug/kg	16.9	5.08	5	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-05
Client ID: F10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:45
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/24 16:46
Analyst: KB
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.755	0.338	1	A
Alpha-BHC	ND		ug/kg	0.755	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.687	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	247		ug/kg	3.40	1.02	1	B
Endrin	ND		ug/kg	0.755	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.793	1	A
Endrin ketone	ND		ug/kg	1.81	0.467	1	A
4,4'-DDE	210		ug/kg	1.81	0.419	1	B
4,4'-DDD	ND		ug/kg	1.81	0.647	1	A
4,4'-DDT	88.5		ug/kg	1.81	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.606	1	A
Endosulfan sulfate	ND		ug/kg	0.755	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.52	1	A
cis-Chlordane	180	IP	ug/kg	2.27	0.632	1	B
trans-Chlordane	224		ug/kg	2.27	0.598	1	B
Chlordane	ND		ug/kg	15.1	6.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-05
Client ID: F10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 09:45
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/24 17:40
Analyst: AKM
Percent Solids: 83%
Methylation Date: 06/27/24 12:00
Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	199	12.5	1	A
2,4,5-T	ND		ug/kg	199	6.17	1	A
2,4,5-TP (Silvex)	ND		ug/kg	199	5.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	79		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-05 D
Client ID: F10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:45
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 19:16
Analyst: PEG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	459		ug/kg	5.66	2.83	5	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-06
Client ID: F10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:50
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/24 16:57
Analyst: KB
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.16	0.422	1	A
Lindane	ND		ug/kg	0.898	0.401	1	A
Alpha-BHC	ND		ug/kg	0.898	0.255	1	A
Beta-BHC	ND		ug/kg	2.16	0.817	1	A
Heptachlor	ND		ug/kg	1.08	0.483	1	A
Aldrin	ND		ug/kg	2.16	0.759	1	A
Heptachlor epoxide	154		ug/kg	4.04	1.21	1	B
Endrin	ND		ug/kg	0.898	0.368	1	A
Endrin aldehyde	ND		ug/kg	2.69	0.943	1	A
Endrin ketone	ND		ug/kg	2.16	0.555	1	A
Dieldrin	223		ug/kg	1.35	0.674	1	B
4,4'-DDE	91.7		ug/kg	2.16	0.498	1	B
4,4'-DDD	ND		ug/kg	2.16	0.769	1	A
4,4'-DDT	32.0		ug/kg	2.16	1.73	1	A
Endosulfan I	ND		ug/kg	2.16	0.509	1	A
Endosulfan II	ND		ug/kg	2.16	0.720	1	A
Endosulfan sulfate	ND		ug/kg	0.898	0.428	1	A
Methoxychlor	ND		ug/kg	4.04	1.26	1	A
Toxaphene	ND		ug/kg	40.4	11.3	1	A
cis-Chlordane	77.4	IP	ug/kg	2.69	0.751	1	B
trans-Chlordane	108		ug/kg	2.69	0.711	1	B
Chlordane	ND		ug/kg	18.0	7.14	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-06 Date Collected: 06/20/24 09:50

Client ID: F10_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-06
Client ID: F10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:50
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/24 17:59
Analyst: AKM
Percent Solids: 71%
Methylation Date: 06/27/24 12:00

Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	236	14.8	1	A
2,4,5-T	ND		ug/kg	236	7.30	1	A
2,4,5-TP (Silvex)	ND		ug/kg	236	6.26	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-09
Client ID: F9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 10:30
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 11:44
Analyst: AKM
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 01:15
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.377	1	A
Lindane	ND		ug/kg	0.803	0.359	1	A
Alpha-BHC	ND		ug/kg	0.803	0.228	1	A
Beta-BHC	ND		ug/kg	1.93	0.730	1	A
Heptachlor	ND		ug/kg	0.963	0.432	1	A
Aldrin	ND		ug/kg	1.93	0.678	1	A
Heptachlor epoxide	2.05	J	ug/kg	3.61	1.08	1	A
Endrin	ND		ug/kg	0.803	0.329	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.843	1	A
Endrin ketone	ND		ug/kg	1.93	0.496	1	A
Dieldrin	9.24		ug/kg	1.20	0.602	1	B
4,4'-DDE	51.8		ug/kg	1.93	0.446	1	B
4,4'-DDD	ND		ug/kg	1.93	0.687	1	A
4,4'-DDT	16.5		ug/kg	1.93	1.55	1	B
Endosulfan I	ND		ug/kg	1.93	0.455	1	A
Endosulfan II	ND		ug/kg	1.93	0.644	1	A
Endosulfan sulfate	ND		ug/kg	0.803	0.382	1	A
Methoxychlor	ND		ug/kg	3.61	1.12	1	A
Toxaphene	ND		ug/kg	36.1	10.1	1	A
cis-Chlordane	1.39	JIP	ug/kg	2.41	0.671	1	B
trans-Chlordane	1.04	JIP	ug/kg	2.41	0.636	1	A
Chlordane	ND		ug/kg	16.0	6.38	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-09 Date Collected: 06/20/24 10:30

Client ID: F9_0-0.2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-09
Client ID: F9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 10:30
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/24 18:53
Analyst: AKM
Percent Solids: 80%
Methylation Date: 06/27/24 12:00
Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	206	13.0	1	A
2,4,5-T	ND		ug/kg	206	6.39	1	A
2,4,5-TP (Silvex)	ND		ug/kg	206	5.48	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	76		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-10
Client ID: F9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 10:35
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/24 17:31
Analyst: KB
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.709	0.317	1	A
Alpha-BHC	ND		ug/kg	0.709	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.645	1	A
Heptachlor	ND		ug/kg	0.851	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.599	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.957	1	A
Endrin	ND		ug/kg	0.709	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.744	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	0.556	J	ug/kg	1.06	0.532	1	A
4,4'-DDE	5.05		ug/kg	1.70	0.393	1	B
4,4'-DDD	ND		ug/kg	1.70	0.607	1	A
4,4'-DDT	1.78	IP	ug/kg	1.70	1.37	1	B
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.709	0.337	1	A
Methoxychlor	ND		ug/kg	3.19	0.992	1	A
Toxaphene	ND		ug/kg	31.9	8.93	1	A
cis-Chlordane	ND		ug/kg	2.13	0.593	1	A
trans-Chlordane	ND		ug/kg	2.13	0.561	1	A
Chlordane	ND		ug/kg	14.2	5.64	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-10 Date Collected: 06/20/24 10:35

Client ID: F9_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-10
Client ID: F9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 10:35
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/24 19:11
Analyst: AKM
Percent Solids: 92%
Methylation Date: 06/27/24 12:00
Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	177	11.1	1	A
2,4,5-T	ND		ug/kg	177	5.48	1	A
2,4,5-TP (Silvex)	ND		ug/kg	177	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	80		30-150	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-13
Client ID: F8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 11:00
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 10:48
Analyst: KB
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.05	0.401	1	A
Lindane	ND		ug/kg	0.853	0.381	1	A
Alpha-BHC	ND		ug/kg	0.853	0.242	1	A
Beta-BHC	ND		ug/kg	2.05	0.776	1	A
Heptachlor	ND		ug/kg	1.02	0.459	1	A
Aldrin	ND		ug/kg	2.05	0.720	1	A
Heptachlor epoxide	228		ug/kg	3.84	1.15	1	B
Endrin	ND		ug/kg	0.853	0.350	1	A
Endrin aldehyde	ND		ug/kg	2.56	0.895	1	A
Endrin ketone	ND		ug/kg	2.05	0.527	1	A
4,4'-DDD	ND		ug/kg	2.05	0.730	1	A
Endosulfan I	ND		ug/kg	2.05	0.484	1	A
Endosulfan II	ND		ug/kg	2.05	0.684	1	A
Endosulfan sulfate	ND		ug/kg	0.853	0.406	1	A
Methoxychlor	ND		ug/kg	3.84	1.19	1	A
Toxaphene	ND		ug/kg	38.4	10.7	1	A
cis-Chlordane	66.8	IP	ug/kg	2.56	0.713	1	B
trans-Chlordane	102		ug/kg	2.56	0.675	1	B
Chlordane	ND		ug/kg	17.0	6.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-13
Client ID: F8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 11:00
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/24 19:30
Analyst: AKM
Percent Solids: 76%
Methylation Date: 06/27/24 12:00

Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	217	13.7	1	A
2,4,5-T	ND		ug/kg	217	6.73	1	A
2,4,5-TP (Silvex)	ND		ug/kg	217	5.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-13 D
Client ID: F8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 11:00
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 16:34
Analyst: PEG
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	475		ug/kg	12.8	6.40	10	B
4,4'-DDE	1460		ug/kg	20.5	4.73	10	B
4,4'-DDT	416		ug/kg	20.5	16.4	10	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-14
Client ID: F8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 11:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 11:01
Analyst: KB
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	A
Lindane	ND		ug/kg	0.774	0.346	1	A
Alpha-BHC	ND		ug/kg	0.774	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.705	1	A
Heptachlor	ND		ug/kg	0.929	0.417	1	A
Aldrin	ND		ug/kg	1.86	0.654	1	A
Heptachlor epoxide	68.0		ug/kg	3.48	1.04	1	B
Endrin	ND		ug/kg	0.774	0.318	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.813	1	A
Endrin ketone	ND		ug/kg	1.86	0.479	1	A
Dieldrin	135		ug/kg	1.16	0.581	1	B
4,4'-DDD	ND		ug/kg	1.86	0.663	1	A
4,4'-DDT	142		ug/kg	1.86	1.49	1	B
Endosulfan I	ND		ug/kg	1.86	0.439	1	A
Endosulfan II	ND		ug/kg	1.86	0.621	1	A
Endosulfan sulfate	ND		ug/kg	0.774	0.369	1	A
Methoxychlor	ND		ug/kg	3.48	1.08	1	A
Toxaphene	ND		ug/kg	34.8	9.76	1	A
cis-Chlordane	19.7	IP	ug/kg	2.32	0.647	1	B
trans-Chlordane	21.0	IP	ug/kg	2.32	0.613	1	A
Chlordane	ND		ug/kg	15.5	6.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-14
Client ID: F8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 11:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/24 19:48
Analyst: AKM
Percent Solids: 81%
Methylation Date: 06/27/24 12:00
Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	202	12.7	1	A
2,4,5-T	ND		ug/kg	202	6.25	1	A
2,4,5-TP (Silvex)	ND		ug/kg	202	5.36	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-14 D
Client ID: F8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 11:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 16:47
Analyst: PEG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	586		ug/kg	9.29	2.15	5	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-17
Client ID: FB_06202024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 12:10
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 06/27/24 09:46
Analyst: SID

Extraction Method: EPA 3510C
Extraction Date: 06/26/24 12:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-17 Date Collected: 06/20/24 12:10

Client ID: FB_06202024 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-17
Client ID: FB_06202024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 12:10
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 06/25/24 03:29
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 06/23/24 17:45

Methylation Date: 06/24/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-18
Client ID: F7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 12:40
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 11:13
Analyst: KB
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.14	0.419	1	A
Lindane	ND		ug/kg	0.891	0.398	1	A
Alpha-BHC	ND		ug/kg	0.891	0.253	1	A
Beta-BHC	ND		ug/kg	2.14	0.811	1	A
Heptachlor	ND		ug/kg	1.07	0.480	1	A
Aldrin	ND		ug/kg	2.14	0.753	1	A
Heptachlor epoxide	181		ug/kg	4.01	1.20	1	B
Endrin	ND		ug/kg	0.891	0.365	1	A
Endrin aldehyde	ND		ug/kg	2.67	0.936	1	A
Endrin ketone	ND		ug/kg	2.14	0.551	1	A
Dieldrin	49.3		ug/kg	1.34	0.668	1	B
4,4'-DDD	12.3	IP	ug/kg	2.14	0.763	1	A
Endosulfan I	ND		ug/kg	2.14	0.505	1	A
Endosulfan II	ND		ug/kg	2.14	0.715	1	A
Endosulfan sulfate	ND		ug/kg	0.891	0.424	1	A
Methoxychlor	ND		ug/kg	4.01	1.25	1	A
Toxaphene	ND		ug/kg	40.1	11.2	1	A
cis-Chlordane	9.12	IP	ug/kg	2.67	0.745	1	B
trans-Chlordane	9.38	IP	ug/kg	2.67	0.706	1	A
Chlordane	ND		ug/kg	17.8	7.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-18
Client ID: F7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 12:40
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/24 20:24
Analyst: AKM
Percent Solids: 75%
Methylation Date: 06/27/24 12:00
Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	219	13.8	1	A
2,4,5-T	ND		ug/kg	219	6.78	1	A
2,4,5-TP (Silvex)	ND		ug/kg	219	5.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	75		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-18 D
Client ID: F7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 12:40
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 16:59
Analyst: PEG
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	1370		ug/kg	42.8	9.89	20	B
4,4'-DDT	2960		ug/kg	42.8	34.4	20	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-19
Client ID: F7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 12:45
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 11:26
Analyst: KB
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.724	0.324	1	A
Alpha-BHC	ND		ug/kg	0.724	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.659	1	A
Heptachlor	ND		ug/kg	0.869	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.612	1	A
Heptachlor epoxide	53.6		ug/kg	3.26	0.978	1	B
Endrin	ND		ug/kg	0.724	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.760	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	11.2		ug/kg	1.09	0.543	1	B
4,4'-DDE	236		ug/kg	1.74	0.402	1	B
4,4'-DDD	0.629	JIP	ug/kg	1.74	0.620	1	A
4,4'-DDT	125		ug/kg	1.74	1.40	1	B
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.581	1	A
Endosulfan sulfate	ND		ug/kg	0.724	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.12	1	A
cis-Chlordane	2.38	IP	ug/kg	2.17	0.605	1	B
trans-Chlordane	2.81	IP	ug/kg	2.17	0.574	1	A
Chlordane	ND		ug/kg	14.5	5.76	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-19 Date Collected: 06/20/24 12:45

Client ID: F7_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-19
Client ID: F7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 12:45
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/24 20:43
Analyst: AKM
Percent Solids: 87%
Methylation Date: 06/27/24 12:00
Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.9	1	A
2,4,5-T	ND		ug/kg	188	5.84	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	5.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-22
Client ID: F6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 13:15
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 11:38
Analyst: KB
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.89	0.369	1	A
Lindane	ND		ug/kg	0.786	0.351	1	A
Alpha-BHC	ND		ug/kg	0.786	0.223	1	A
Beta-BHC	ND		ug/kg	1.89	0.715	1	A
Heptachlor	ND		ug/kg	0.943	0.423	1	A
Aldrin	ND		ug/kg	1.89	0.664	1	A
Heptachlor epoxide	6.47		ug/kg	3.54	1.06	1	B
Endrin	ND		ug/kg	0.786	0.322	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.825	1	A
Endrin ketone	ND		ug/kg	1.89	0.486	1	A
Dieldrin	ND		ug/kg	1.18	0.590	1	A
4,4'-DDD	1.33	J	ug/kg	1.89	0.673	1	A
4,4'-DDT	175		ug/kg	1.89	1.52	1	B
Endosulfan I	ND		ug/kg	1.89	0.446	1	A
Endosulfan II	ND		ug/kg	1.89	0.630	1	A
Endosulfan sulfate	ND		ug/kg	0.786	0.374	1	A
Methoxychlor	ND		ug/kg	3.54	1.10	1	A
Toxaphene	ND		ug/kg	35.4	9.90	1	A
cis-Chlordane	2.26	JIP	ug/kg	2.36	0.657	1	B
trans-Chlordane	1.74	JIP	ug/kg	2.36	0.623	1	A
Chlordane	ND		ug/kg	15.7	6.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-22
Client ID: F6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 13:15
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/24 21:01
Analyst: AKM
Percent Solids: 83%
Methylation Date: 06/27/24 12:00
Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	200	12.6	1	A
2,4,5-T	ND		ug/kg	200	6.20	1	A
2,4,5-TP (Silvex)	ND		ug/kg	200	5.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-22 D
Client ID: F6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 13:15
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 17:12
Analyst: PEG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	349		ug/kg	9.43	2.18	5	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-23
Client ID: F6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 13:20
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 11:50
Analyst: KB
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.753	0.336	1	A
Alpha-BHC	ND		ug/kg	0.753	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.685	1	A
Heptachlor	ND		ug/kg	0.904	0.405	1	A
Aldrin	ND		ug/kg	1.81	0.636	1	A
Heptachlor epoxide	1.39	JIP	ug/kg	3.39	1.02	1	B
Endrin	ND		ug/kg	0.753	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.791	1	A
Endrin ketone	ND		ug/kg	1.81	0.465	1	A
Dieldrin	ND		ug/kg	1.13	0.565	1	A
4,4'-DDE	156		ug/kg	1.81	0.418	1	B
4,4'-DDD	ND		ug/kg	1.81	0.644	1	A
4,4'-DDT	81.9		ug/kg	1.81	1.45	1	B
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	ND		ug/kg	1.81	0.604	1	A
Endosulfan sulfate	ND		ug/kg	0.753	0.358	1	A
Methoxychlor	ND		ug/kg	3.39	1.05	1	A
Toxaphene	ND		ug/kg	33.9	9.49	1	A
cis-Chlordane	0.739	JIP	ug/kg	2.26	0.629	1	B
trans-Chlordane	1.02	J	ug/kg	2.26	0.596	1	B
Chlordane	ND		ug/kg	15.0	5.99	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-23 Date Collected: 06/20/24 13:20

Client ID: F6_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-23
Client ID: F6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 13:20
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/24 21:19
Analyst: AKM
Percent Solids: 85%
Methylation Date: 06/27/24 12:00

Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	191	12.0	1	A
2,4,5-T	ND		ug/kg	191	5.93	1	A
2,4,5-TP (Silvex)	ND		ug/kg	191	5.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-26
Client ID: F5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 14:00
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/29/24 12:02
Analyst: MMG
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 17:06
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.10	0.412	1	A
Lindane	ND		ug/kg	0.877	0.392	1	A
Alpha-BHC	ND		ug/kg	0.877	0.249	1	A
Beta-BHC	ND		ug/kg	2.10	0.798	1	A
Heptachlor	ND		ug/kg	1.05	0.472	1	A
Aldrin	ND		ug/kg	2.10	0.741	1	A
Heptachlor epoxide	2.20	J	ug/kg	3.95	1.18	1	A
Endrin	ND		ug/kg	0.877	0.360	1	A
Endrin aldehyde	ND		ug/kg	2.63	0.921	1	A
Endrin ketone	ND		ug/kg	2.10	0.542	1	A
Dieldrin	1.08	J	ug/kg	1.32	0.658	1	B
4,4'-DDE	248		ug/kg	2.10	0.487	1	B
4,4'-DDD	4.84		ug/kg	2.10	0.751	1	A
4,4'-DDT	30.6		ug/kg	2.10	1.69	1	B
Endosulfan I	ND		ug/kg	2.10	0.497	1	A
Endosulfan II	ND		ug/kg	2.10	0.703	1	A
Endosulfan sulfate	ND		ug/kg	0.877	0.417	1	A
Methoxychlor	ND		ug/kg	3.95	1.23	1	A
Toxaphene	ND		ug/kg	39.5	11.0	1	A
cis-Chlordane	2.22	JIP	ug/kg	2.63	0.733	1	B
trans-Chlordane	1.17	JIP	ug/kg	2.63	0.694	1	A
Chlordane	ND		ug/kg	17.5	6.97	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-26 Date Collected: 06/20/24 14:00

Client ID: F5_0-0.2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-26
Client ID: F5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 14:00
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/24 21:37
Analyst: AKM
Percent Solids: 72%
Methylation Date: 06/27/24 12:00
Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	226	14.3	1	A
2,4,5-T	ND		ug/kg	226	7.02	1	A
2,4,5-TP (Silvex)	ND		ug/kg	226	6.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-27
Client ID: F5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 14:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 12:03
Analyst: KB
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.22	0.435	1	A
Lindane	ND		ug/kg	0.926	0.414	1	A
Alpha-BHC	ND		ug/kg	0.926	0.263	1	A
Beta-BHC	ND		ug/kg	2.22	0.842	1	A
Heptachlor	ND		ug/kg	1.11	0.498	1	A
Aldrin	ND		ug/kg	2.22	0.782	1	A
Heptachlor epoxide	ND		ug/kg	4.17	1.25	1	A
Endrin	ND		ug/kg	0.926	0.380	1	A
Endrin aldehyde	ND		ug/kg	2.78	0.972	1	A
Endrin ketone	ND		ug/kg	2.22	0.572	1	A
Dieldrin	ND		ug/kg	1.39	0.694	1	A
4,4'-DDE	30.9		ug/kg	2.22	0.514	1	B
4,4'-DDD	ND		ug/kg	2.22	0.792	1	A
4,4'-DDT	6.82		ug/kg	2.22	1.79	1	B
Endosulfan I	ND		ug/kg	2.22	0.525	1	A
Endosulfan II	ND		ug/kg	2.22	0.742	1	A
Endosulfan sulfate	ND		ug/kg	0.926	0.441	1	A
Methoxychlor	ND		ug/kg	4.17	1.30	1	A
Toxaphene	ND		ug/kg	41.7	11.7	1	A
cis-Chlordane	ND	IP	ug/kg	2.78	0.774	1	B
trans-Chlordane	ND	IP	ug/kg	2.78	0.733	1	B
Chlordane	ND		ug/kg	18.5	7.36	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-27 Date Collected: 06/20/24 14:05

Client ID: F5_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-27
Client ID: F5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 14:05
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/24 21:55
Analyst: AKM
Percent Solids: 69%
Methylation Date: 06/27/24 12:00

Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	237	15.0	1	A
2,4,5-T	ND		ug/kg	237	7.36	1	A
2,4,5-TP (Silvex)	ND		ug/kg	237	6.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	89		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/24/24 12:55
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/23/24 17:34

Methylation Date: 06/24/24 11:02

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 17 Batch: WG1938239-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	105		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/26/24 20:18
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 06/26/24 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 17 Batch: WG1939408-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/26/24 20:18
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 06/26/24 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 17 Batch: WG1939408-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/27/24 13:14
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,10,13-14,18-19,22-23,27 Batch: WG1939743-1						
Delta-BHC	ND		ug/kg	1.50	0.294	A
Lindane	ND		ug/kg	0.626	0.280	A
Alpha-BHC	ND		ug/kg	0.626	0.178	A
Beta-BHC	ND		ug/kg	1.50	0.570	A
Heptachlor	ND		ug/kg	0.751	0.337	A
Aldrin	ND		ug/kg	1.50	0.529	A
Heptachlor epoxide	ND		ug/kg	2.82	0.845	A
Endrin	ND		ug/kg	0.626	0.257	A
Endrin aldehyde	ND		ug/kg	1.88	0.657	A
Endrin ketone	ND		ug/kg	1.50	0.387	A
Dieldrin	ND		ug/kg	0.939	0.470	A
4,4'-DDE	ND		ug/kg	1.50	0.348	A
4,4'-DDD	ND		ug/kg	1.50	0.536	A
4,4'-DDT	ND		ug/kg	1.50	1.21	A
Endosulfan I	ND		ug/kg	1.50	0.355	A
Endosulfan II	ND		ug/kg	1.50	0.502	A
Endosulfan sulfate	ND		ug/kg	0.626	0.298	A
Methoxychlor	ND		ug/kg	2.82	0.877	A
Toxaphene	ND		ug/kg	28.2	7.89	A
cis-Chlordane	ND		ug/kg	1.88	0.523	A
trans-Chlordane	ND		ug/kg	1.88	0.496	A
Chlordane	ND		ug/kg	12.5	4.98	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/27/24 13:14
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,10,13-14,18-19,22-23,27 Batch: WG1939743-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/27/24 15:33
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Methylation Date: 06/27/24 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,18-19,22-23,26-27 Batch: WG1939865-1						
2,4-D	ND		ug/kg	166	10.4	A
2,4,5-T	ND		ug/kg	166	5.13	A
2,4,5-TP (Silvex)	ND		ug/kg	166	4.40	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	90		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/27/24 19:23
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 06/26/24 18:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09 Batch: WG1939887-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.654	0.292	A
Alpha-BHC	ND		ug/kg	0.654	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.595	A
Heptachlor	ND		ug/kg	0.784	0.352	A
Aldrin	ND		ug/kg	1.57	0.552	A
Heptachlor epoxide	ND		ug/kg	2.94	0.882	A
Endrin	ND		ug/kg	0.654	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.686	A
Endrin ketone	ND		ug/kg	1.57	0.404	A
Dieldrin	ND		ug/kg	0.980	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.559	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.370	A
Endosulfan II	ND		ug/kg	1.57	0.524	A
Endosulfan sulfate	ND		ug/kg	0.654	0.311	A
Methoxychlor	ND		ug/kg	2.94	0.915	A
Toxaphene	ND		ug/kg	29.4	8.24	A
cis-Chlordane	ND		ug/kg	1.96	0.546	A
trans-Chlordane	ND		ug/kg	1.96	0.518	A
Chlordane	ND		ug/kg	13.1	5.20	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/27/24 19:23
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 06/26/24 18:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09 Batch: WG1939887-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/29/24 11:26
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/28/24 17:06
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 26 Batch: WG1941020-1						
Delta-BHC	ND		ug/kg	1.54	0.302	A
Lindane	ND		ug/kg	0.643	0.287	A
Alpha-BHC	ND		ug/kg	0.643	0.183	A
Beta-BHC	ND		ug/kg	1.54	0.585	A
Heptachlor	ND		ug/kg	0.772	0.346	A
Aldrin	ND		ug/kg	1.54	0.543	A
Heptachlor epoxide	ND		ug/kg	2.89	0.868	A
Endrin	ND		ug/kg	0.643	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.675	A
Endrin ketone	ND		ug/kg	1.54	0.397	A
Dieldrin	ND		ug/kg	0.965	0.482	A
4,4'-DDE	ND		ug/kg	1.54	0.357	A
4,4'-DDD	ND		ug/kg	1.54	0.550	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.365	A
Endosulfan II	ND		ug/kg	1.54	0.516	A
Endosulfan sulfate	ND		ug/kg	0.643	0.306	A
Methoxychlor	ND		ug/kg	2.89	0.900	A
Toxaphene	ND		ug/kg	28.9	8.10	A
cis-Chlordane	ND		ug/kg	1.93	0.538	A
trans-Chlordane	ND		ug/kg	1.93	0.509	A
Chlordane	ND		ug/kg	12.9	5.11	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/29/24 11:26
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/28/24 17:06
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 26 Batch: WG1941020-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	96		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 17 Batch: WG1938239-2 WG1938239-3									
2,4-D	96		93		30-150	3		25	A
2,4,5-T	116		112		30-150	4		25	A
2,4,5-TP (Silvex)	105		102		30-150	3		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	106		104		30-150	A
DCAA	120		118		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 17 Batch: WG1939408-2 WG1939408-3									
Delta-BHC	80		62		30-150	**24**	Q	20	A
Lindane	81		68		30-150	17		20	A
Alpha-BHC	84		71		30-150	17		20	A
Beta-BHC	87		73		30-150	17		20	A
Heptachlor	86		73		30-150	17		20	A
Aldrin	82		70		30-150	17		20	A
Heptachlor epoxide	83		71		30-150	16		20	A
Endrin	86		73		30-150	16		20	A
Endrin aldehyde	87		67		30-150	**25**	Q	20	A
Endrin ketone	92		77		30-150	18		20	A
Dieldrin	92		78		30-150	16		20	A
4,4'-DDE	85		72		30-150	16		20	A
4,4'-DDD	93		79		30-150	16		20	A
4,4'-DDT	89		75		30-150	17		20	A
Endosulfan I	82		69		30-150	16		20	A
Endosulfan II	90		73		30-150	20		20	A
Endosulfan sulfate	87		67		30-150	**26**	Q	20	A
Methoxychlor	109		92		30-150	16		20	A
cis-Chlordane	75		67		30-150	10		20	A
trans-Chlordane	92		79		30-150	15		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 17 Batch: WG1939408-2 WG1939408-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		59		30-150	A
Decachlorobiphenyl	89		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		64		30-150	B
Decachlorobiphenyl	75		68		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,10,13-14,18-19,22-23,27 Batch: WG1939743-2 WG1939743-3									
Delta-BHC	109		106		30-150	3		30	A
Lindane	88		87		30-150	1		30	A
Alpha-BHC	86		86		30-150	0		30	A
Beta-BHC	91		91		30-150	0		30	A
Heptachlor	89		87		30-150	2		30	A
Aldrin	87		85		30-150	2		30	A
Heptachlor epoxide	81		79		30-150	3		30	A
Endrin	98		96		30-150	2		30	A
Endrin aldehyde	85		85		30-150	0		30	A
Endrin ketone	100		97		30-150	3		30	A
Dieldrin	98		94		30-150	4		30	A
4,4'-DDE	92		88		30-150	4		30	A
4,4'-DDD	101		97		30-150	4		30	A
4,4'-DDT	97		94		30-150	3		30	A
Endosulfan I	89		85		30-150	5		30	A
Endosulfan II	94		90		30-150	4		30	A
Endosulfan sulfate	92		90		30-150	2		30	A
Methoxychlor	113		110		30-150	3		30	A
cis-Chlordane	81		78		30-150	4		30	A
trans-Chlordane	75		74		30-150	1		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,10,13-14,18-19,22-23,27 Batch: WG1939743-2 WG1939743-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		68		30-150	A
Decachlorobiphenyl	68		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		79		30-150	B
Decachlorobiphenyl	92		86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,18-19,22-23,26-27 Batch: WG1939865-2 WG1939865-3									
2,4-D	87		80		30-150	8		30	A
2,4,5-T	93		82		30-150	13		30	A
2,4,5-TP (Silvex)	80		70		30-150	13		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	98		86		30-150	A
DCAA	101		92		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1939887-2 WG1939887-3									
Delta-BHC	69		88		30-150	24		30	A
Lindane	66		82		30-150	22		30	A
Alpha-BHC	65		83		30-150	24		30	A
Beta-BHC	65		80		30-150	21		30	A
Heptachlor	65		81		30-150	22		30	A
Aldrin	63		79		30-150	23		30	A
Heptachlor epoxide	60		72		30-150	18		30	A
Endrin	71		86		30-150	19		30	A
Endrin aldehyde	61		73		30-150	18		30	A
Endrin ketone	73		87		30-150	18		30	A
Dieldrin	73		89		30-150	20		30	A
4,4'-DDE	64		78		30-150	20		30	A
4,4'-DDD	72		88		30-150	20		30	A
4,4'-DDT	72		87		30-150	19		30	A
Endosulfan I	64		79		30-150	21		30	A
Endosulfan II	71		85		30-150	18		30	A
Endosulfan sulfate	65		77		30-150	17		30	A
Methoxychlor	80		96		30-150	18		30	A
cis-Chlordane	60		73		30-150	20		30	A
trans-Chlordane	71		87		30-150	20		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1939887-2 WG1939887-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		71		30-150	A
Decachlorobiphenyl	66		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		81		30-150	B
Decachlorobiphenyl	76		87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 26 Batch: WG1941020-2 WG1941020-3									
Delta-BHC	101		88		30-150	14		30	A
Lindane	97		88		30-150	10		30	A
Alpha-BHC	97		86		30-150	12		30	A
Beta-BHC	97		90		30-150	7		30	A
Heptachlor	95		86		30-150	10		30	A
Aldrin	93		84		30-150	10		30	A
Heptachlor epoxide	84		81		30-150	4		30	A
Endrin	103		98		30-150	5		30	A
Endrin aldehyde	87		83		30-150	5		30	A
Endrin ketone	104		101		30-150	3		30	A
Dieldrin	101		96		30-150	5		30	A
4,4'-DDE	95		88		30-150	8		30	A
4,4'-DDD	105		100		30-150	5		30	A
4,4'-DDT	100		93		30-150	7		30	A
Endosulfan I	92		87		30-150	6		30	A
Endosulfan II	98		94		30-150	4		30	A
Endosulfan sulfate	96		94		30-150	2		30	A
Methoxychlor	114		111		30-150	3		30	A
cis-Chlordane	84		80		30-150	5		30	A
trans-Chlordane	85		80		30-150	6		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 26 Batch: WG1941020-2 WG1941020-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		71		30-150	A
Decachlorobiphenyl	81		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		82		30-150	B
Decachlorobiphenyl	95		92		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,10,13-14,18-19,22-23,27 QC Batch ID: WG1939743-4 WG1939743-5 QC Sample: L2435023-06 Client ID: F10_0.2-2													
Delta-BHC	ND	46.8	134	**286**	Q	119	**260**	Q	30-150	12		50	A
Lindane	ND	46.8	38.2	82		34.3	75		30-150	11		50	A
Alpha-BHC	ND	46.8	40.2	86		36.6	80		30-150	9		50	A
Beta-BHC	ND	46.8	37.9	81		35.2	77		30-150	7		50	A
Heptachlor	ND	46.8	39.3	84		35.3	77		30-150	11		50	A
Aldrin	ND	46.8	39.9	85		34.6	76		30-150	14		50	A
Heptachlor epoxide	154	46.8	199	96		184	65		30-150	8		50	B
Endrin	ND	46.8	44.7	95		39.1	85		30-150	13		50	A
Endrin aldehyde	ND	46.8	39.8	85		34.6	76		30-150	14		50	A
Endrin ketone	ND	46.8	45.3	97		39.7	87		30-150	13		50	A
Dieldrin	223	46.8	279	120		258	76		30-150	8		50	B
4,4'-DDE	91.7	46.8	138	99		126	75		30-150	9		50	B
4,4'-DDD	ND	46.8	48.7	104		42.4	93		30-150	14		50	A
4,4'-DDT	32.0	46.8	75.0	92		66.2	75		30-150	12		50	A
Endosulfan I	ND	46.8	38.7	83		33.8	74		30-150	14		50	A
Endosulfan II	ND	46.8	43.4	93		37.6	82		30-150	14		50	A
Endosulfan sulfate	ND	46.8	37.3	80		32.8	72		30-150	13		50	A
Methoxychlor	ND	46.8	49.2	105		42.5	93		30-150	15		50	A
cis-Chlordane	77.4IP	46.8	122	95		113	78		30-150	8		50	B
trans-Chlordane	108	46.8	162	115		151	94		30-150	7		50	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,10,13-14,18-19,22-23,27 QC Batch ID: WG1939743-4 WG1939743-5 QC Sample: L2435023-06 Client ID: F10_0.2-2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		68		30-150	A
Decachlorobiphenyl	74		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		80		30-150	B
Decachlorobiphenyl	90		82		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,18-19,22-23,26-27 QC Batch ID: WG1939865-4 WG1939865-5 QC Sample: L2435023-06 Client ID: F10_0.2-2													
2,4-D	ND	233	193J	83		214J	91		30-150	10		30	A
2,4,5-T	ND	233	202J	87		221J	94		30-150	9		30	A
2,4,5-TP (Silvex)	ND	233	198J	85		212J	91		30-150	7		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	85		94		30-150	A
DCAA	85		89		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-01 Date Collected: 06/20/24 09:00

Client ID: F11_0-0.2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12800		mg/kg	9.05	2.44	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Antimony, Total	1.07	J	mg/kg	4.53	0.344	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Arsenic, Total	156		mg/kg	0.905	0.188	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Barium, Total	66.0		mg/kg	0.905	0.158	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.526		mg/kg	0.453	0.030	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Cadmium, Total	2.18		mg/kg	0.905	0.089	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Calcium, Total	1060		mg/kg	9.05	3.17	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Chromium, Total	87.2		mg/kg	0.905	0.087	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.04		mg/kg	1.81	0.150	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Copper, Total	21.5		mg/kg	0.905	0.234	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Iron, Total	18600		mg/kg	4.53	0.817	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Lead, Total	140		mg/kg	4.53	0.243	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Magnesium, Total	2680		mg/kg	9.05	1.39	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Manganese, Total	332		mg/kg	0.905	0.144	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Mercury, Total	2.10		mg/kg	0.073	0.048	1	06/26/24 11:00	06/26/24 18:43	EPA 7471B	1,7471B	MJR
Nickel, Total	13.1		mg/kg	2.26	0.219	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Potassium, Total	702		mg/kg	226	13.0	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Selenium, Total	0.324	J	mg/kg	1.81	0.234	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Silver, Total	0.515		mg/kg	0.453	0.256	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Sodium, Total	27.4	J	mg/kg	181	2.85	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Thallium, Total	0.405	J	mg/kg	1.81	0.285	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Vanadium, Total	26.1		mg/kg	0.905	0.184	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF
Zinc, Total	101		mg/kg	4.53	0.265	2	06/26/24 10:35	06/26/24 19:47	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-02 Date Collected: 06/20/24 09:05

Client ID: F11_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12300		mg/kg	8.80	2.37	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Antimony, Total	0.574	J	mg/kg	4.40	0.334	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Arsenic, Total	117		mg/kg	0.880	0.183	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Barium, Total	78.0		mg/kg	0.880	0.153	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.404	J	mg/kg	0.440	0.029	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.96		mg/kg	0.880	0.086	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Calcium, Total	1060		mg/kg	8.80	3.08	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Chromium, Total	177		mg/kg	0.880	0.084	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.45		mg/kg	1.76	0.146	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Copper, Total	22.8		mg/kg	0.880	0.227	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Iron, Total	17300		mg/kg	4.40	0.794	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Lead, Total	89.2		mg/kg	4.40	0.236	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Magnesium, Total	3640		mg/kg	8.80	1.35	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Manganese, Total	342		mg/kg	0.880	0.140	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Mercury, Total	2.40		mg/kg	0.074	0.048	1	06/26/24 11:00	06/26/24 18:47	EPA 7471B	1,7471B	MJR
Nickel, Total	14.2		mg/kg	2.20	0.213	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Potassium, Total	1530		mg/kg	220	12.7	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.76	0.227	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Silver, Total	0.646		mg/kg	0.440	0.249	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Sodium, Total	32.0	J	mg/kg	176	2.77	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Thallium, Total	0.473	J	mg/kg	1.76	0.277	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Vanadium, Total	28.2		mg/kg	0.880	0.178	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF
Zinc, Total	94.0		mg/kg	4.40	0.258	2	06/26/24 10:35	06/26/24 19:51	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-05 Date Collected: 06/20/24 09:45

Client ID: F10_0-0.2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15500		mg/kg	9.36	2.53	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Antimony, Total	0.987	J	mg/kg	4.68	0.356	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Arsenic, Total	198		mg/kg	0.936	0.195	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Barium, Total	123		mg/kg	0.936	0.163	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.730		mg/kg	0.468	0.031	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.62		mg/kg	0.936	0.092	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Calcium, Total	810		mg/kg	9.36	3.28	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Chromium, Total	66.9		mg/kg	0.936	0.090	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.87		mg/kg	1.87	0.155	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Copper, Total	19.7		mg/kg	0.936	0.242	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Iron, Total	17300		mg/kg	4.68	0.846	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Lead, Total	204		mg/kg	4.68	0.251	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Magnesium, Total	3010		mg/kg	9.36	1.44	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Manganese, Total	1280		mg/kg	0.936	0.149	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Mercury, Total	1.82		mg/kg	0.076	0.049	1	06/26/24 11:00	06/26/24 18:50	EPA 7471B	1,7471B	MJR
Nickel, Total	13.7		mg/kg	2.34	0.227	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Potassium, Total	532		mg/kg	234	13.5	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.87	0.242	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Silver, Total	0.388	J	mg/kg	0.468	0.265	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Sodium, Total	22.7	J	mg/kg	187	2.95	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.87	0.295	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Vanadium, Total	25.4		mg/kg	0.936	0.190	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF
Zinc, Total	84.4		mg/kg	4.68	0.274	2	06/26/24 10:35	06/26/24 19:55	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-06 Date Collected: 06/20/24 09:50

Client ID: F10_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11200		mg/kg	11.0	2.97	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Antimony, Total	0.983	J	mg/kg	5.49	0.418	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Arsenic, Total	78.0		mg/kg	1.10	0.228	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Barium, Total	63.1		mg/kg	1.10	0.191	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.512	J	mg/kg	0.549	0.036	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.655	J	mg/kg	1.10	0.108	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Calcium, Total	479		mg/kg	11.0	3.85	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Chromium, Total	27.8		mg/kg	1.10	0.105	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.51		mg/kg	2.20	0.182	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Copper, Total	13.6		mg/kg	1.10	0.284	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Iron, Total	11900		mg/kg	5.49	0.992	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Lead, Total	45.9		mg/kg	5.49	0.294	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Magnesium, Total	2160		mg/kg	11.0	1.69	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Manganese, Total	506		mg/kg	1.10	0.175	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Mercury, Total	0.318		mg/kg	0.091	0.060	1	06/26/24 11:00	06/26/24 18:10	EPA 7471B	1,7471B	MJR
Nickel, Total	10.0		mg/kg	2.75	0.266	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Potassium, Total	385		mg/kg	275	15.8	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Selenium, Total	0.309	J	mg/kg	2.20	0.284	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.549	0.311	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Sodium, Total	20.4	J	mg/kg	220	3.46	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	2.20	0.346	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Vanadium, Total	17.0		mg/kg	1.10	0.223	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF
Zinc, Total	51.5		mg/kg	5.49	0.322	2	06/26/24 10:35	06/26/24 18:52	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-09 Date Collected: 06/20/24 10:30

Client ID: F9_0-0.2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15500		mg/kg	9.54	2.57	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.77	0.362	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Arsenic, Total	16.2		mg/kg	0.954	0.198	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Barium, Total	96.9		mg/kg	0.954	0.166	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.569		mg/kg	0.477	0.032	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.202	J	mg/kg	0.954	0.094	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Calcium, Total	1500		mg/kg	9.54	3.34	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Chromium, Total	30.0		mg/kg	0.954	0.092	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.01		mg/kg	1.91	0.158	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Copper, Total	14.5		mg/kg	0.954	0.246	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Iron, Total	20000		mg/kg	4.77	0.861	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Lead, Total	54.5		mg/kg	4.77	0.256	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Magnesium, Total	3890		mg/kg	9.54	1.47	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Manganese, Total	549		mg/kg	0.954	0.152	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Mercury, Total	0.939		mg/kg	0.080	0.052	1	06/26/24 11:00	06/26/24 18:53	EPA 7471B	1,7471B	MJR
Nickel, Total	14.7		mg/kg	2.38	0.231	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Potassium, Total	1050		mg/kg	238	13.7	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Selenium, Total	0.369	J	mg/kg	1.91	0.246	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.477	0.270	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Sodium, Total	38.2	J	mg/kg	191	3.00	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Thallium, Total	0.345	J	mg/kg	1.91	0.300	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Vanadium, Total	31.3		mg/kg	0.954	0.194	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF
Zinc, Total	64.3		mg/kg	4.77	0.279	2	06/26/24 10:35	06/26/24 19:59	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-10 Date Collected: 06/20/24 10:35

Client ID: F9_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9720		mg/kg	8.18	2.21	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.09	0.311	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.69		mg/kg	0.818	0.170	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Barium, Total	66.0		mg/kg	0.818	0.142	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.322	J	mg/kg	0.409	0.027	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.818	0.080	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Calcium, Total	530		mg/kg	8.18	2.86	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Chromium, Total	15.0		mg/kg	0.818	0.079	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.50		mg/kg	1.64	0.136	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Copper, Total	9.23		mg/kg	0.818	0.211	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Iron, Total	14800		mg/kg	4.09	0.739	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Lead, Total	6.79		mg/kg	4.09	0.219	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Magnesium, Total	2940		mg/kg	8.18	1.26	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Manganese, Total	248		mg/kg	0.818	0.130	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Mercury, Total	0.051	J	mg/kg	0.069	0.045	1	06/26/24 11:00	06/26/24 18:57	EPA 7471B	1,7471B	MJR
Nickel, Total	11.4		mg/kg	2.04	0.198	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Potassium, Total	1450		mg/kg	204	11.8	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.64	0.211	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.409	0.232	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Sodium, Total	35.1	J	mg/kg	164	2.58	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Thallium, Total	0.459	J	mg/kg	1.64	0.258	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Vanadium, Total	21.8		mg/kg	0.818	0.166	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF
Zinc, Total	32.6		mg/kg	4.09	0.240	2	06/26/24 10:35	06/26/24 20:03	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-13 Date Collected: 06/20/24 11:00

Client ID: F8_0-0.2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	20400		mg/kg	10.0	2.70	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Antimony, Total	1.48	J	mg/kg	5.01	0.380	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Arsenic, Total	172		mg/kg	1.00	0.208	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Barium, Total	131		mg/kg	1.00	0.174	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.885		mg/kg	0.501	0.033	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.16		mg/kg	1.00	0.098	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Calcium, Total	1040		mg/kg	10.0	3.50	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Chromium, Total	89.1		mg/kg	1.00	0.096	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Cobalt, Total	10.2		mg/kg	2.00	0.166	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Copper, Total	23.1		mg/kg	1.00	0.258	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Iron, Total	23400		mg/kg	5.01	0.904	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Lead, Total	158		mg/kg	5.01	0.268	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Magnesium, Total	4010		mg/kg	10.0	1.54	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Manganese, Total	1080		mg/kg	1.00	0.159	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Mercury, Total	1.28		mg/kg	0.082	0.054	1	06/26/24 11:00	06/26/24 19:00	EPA 7471B	1,7471B	MJR
Nickel, Total	17.0		mg/kg	2.50	0.242	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Potassium, Total	866		mg/kg	250	14.4	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Selenium, Total	0.313	J	mg/kg	2.00	0.258	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Silver, Total	0.462	J	mg/kg	0.501	0.283	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Sodium, Total	30.2	J	mg/kg	200	3.15	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	2.00	0.315	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Vanadium, Total	37.1		mg/kg	1.00	0.203	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF
Zinc, Total	81.3		mg/kg	5.01	0.293	2	06/26/24 10:35	06/26/24 20:18	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-14 Date Collected: 06/20/24 11:05

Client ID: F8_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18500		mg/kg	9.59	2.59	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.80	0.364	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Arsenic, Total	50.4		mg/kg	0.959	0.200	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Barium, Total	128		mg/kg	0.959	0.167	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.623		mg/kg	0.480	0.032	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.239	J	mg/kg	0.959	0.094	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Calcium, Total	559		mg/kg	9.59	3.36	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Chromium, Total	41.5		mg/kg	0.959	0.092	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Cobalt, Total	9.13		mg/kg	1.92	0.159	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Copper, Total	19.8		mg/kg	0.959	0.248	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Iron, Total	24500		mg/kg	4.80	0.866	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Lead, Total	48.7		mg/kg	4.80	0.257	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Magnesium, Total	4010		mg/kg	9.59	1.48	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Manganese, Total	586		mg/kg	0.959	0.152	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Mercury, Total	0.312		mg/kg	0.078	0.051	1	06/26/24 11:00	06/26/24 19:03	EPA 7471B	1,7471B	MJR
Nickel, Total	15.2		mg/kg	2.40	0.232	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Potassium, Total	985		mg/kg	240	13.8	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.92	0.248	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.480	0.272	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Sodium, Total	26.3	J	mg/kg	192	3.02	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Thallium, Total	0.506	J	mg/kg	1.92	0.302	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Vanadium, Total	35.6		mg/kg	0.959	0.195	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF
Zinc, Total	48.2		mg/kg	4.80	0.281	2	06/26/24 10:35	06/26/24 20:22	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-17 Date Collected: 06/20/24 12:10

Client ID: FB_06202024 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Barium, Total	0.00032	J	mg/l	0.00050	0.00017	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00020	J	mg/l	0.00100	0.00017	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/26/24 15:55	06/27/24 10:14	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/26/24 12:27	06/27/24 06:22	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-18 Date Collected: 06/20/24 12:40

Client ID: F7_0-0.2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16400		mg/kg	10.3	2.79	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Antimony, Total	0.603	J	mg/kg	5.16	0.392	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Arsenic, Total	79.5		mg/kg	1.03	0.215	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Barium, Total	70.4		mg/kg	1.03	0.180	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.522		mg/kg	0.516	0.034	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.129	J	mg/kg	1.03	0.101	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Calcium, Total	536		mg/kg	10.3	3.61	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Chromium, Total	36.6		mg/kg	1.03	0.099	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.94		mg/kg	2.06	0.171	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Copper, Total	19.5		mg/kg	1.03	0.266	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Iron, Total	22400		mg/kg	5.16	0.932	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Lead, Total	192		mg/kg	5.16	0.277	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Magnesium, Total	4640		mg/kg	10.3	1.59	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Manganese, Total	299		mg/kg	1.03	0.164	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Mercury, Total	0.208		mg/kg	0.084	0.055	1	06/26/24 11:00	06/26/24 19:07	EPA 7471B	1,7471B	MJR
Nickel, Total	18.0		mg/kg	2.58	0.250	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Potassium, Total	1460		mg/kg	258	14.9	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Selenium, Total	0.385	J	mg/kg	2.06	0.266	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.516	0.292	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Sodium, Total	31.7	J	mg/kg	206	3.25	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Thallium, Total	0.756	J	mg/kg	2.06	0.325	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Vanadium, Total	40.0		mg/kg	1.03	0.210	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF
Zinc, Total	60.5		mg/kg	5.16	0.302	2	06/26/24 10:35	06/26/24 20:26	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-19 Date Collected: 06/20/24 12:45

Client ID: F7_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12800		mg/kg	8.77	2.37	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Antimony, Total	0.432	J	mg/kg	4.39	0.333	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Arsenic, Total	46.5		mg/kg	0.877	0.182	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Barium, Total	68.5		mg/kg	0.877	0.153	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.356	J	mg/kg	0.439	0.029	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.090	J	mg/kg	0.877	0.086	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Calcium, Total	443		mg/kg	8.77	3.07	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Chromium, Total	22.8		mg/kg	0.877	0.084	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.71		mg/kg	1.75	0.146	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Copper, Total	15.1		mg/kg	0.877	0.226	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Iron, Total	17500		mg/kg	4.39	0.792	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Lead, Total	91.9		mg/kg	4.39	0.235	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Magnesium, Total	3960		mg/kg	8.77	1.35	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Manganese, Total	223		mg/kg	0.877	0.140	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Mercury, Total	0.10		mg/kg	0.073	0.048	1	06/26/24 11:00	06/26/24 19:10	EPA 7471B	1,7471B	MJR
Nickel, Total	15.5		mg/kg	2.19	0.212	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Potassium, Total	1810		mg/kg	219	12.6	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Selenium, Total	0.268	J	mg/kg	1.75	0.226	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.439	0.248	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Sodium, Total	30.4	J	mg/kg	175	2.76	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Thallium, Total	0.691	J	mg/kg	1.75	0.276	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Vanadium, Total	29.2		mg/kg	0.877	0.178	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF
Zinc, Total	44.3		mg/kg	4.39	0.257	2	06/26/24 10:35	06/26/24 20:30	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-22 Date Collected: 06/20/24 13:15

Client ID: F6_0-0.2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16000		mg/kg	9.46	2.55	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Antimony, Total	0.361	J	mg/kg	4.73	0.359	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Arsenic, Total	65.8		mg/kg	0.946	0.197	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Barium, Total	99.6		mg/kg	0.946	0.164	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.550		mg/kg	0.473	0.031	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.154	J	mg/kg	0.946	0.093	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Calcium, Total	533		mg/kg	9.46	3.31	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Chromium, Total	31.2		mg/kg	0.946	0.091	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.54		mg/kg	1.89	0.157	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Copper, Total	19.3		mg/kg	0.946	0.244	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Iron, Total	20200		mg/kg	4.73	0.854	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Lead, Total	211		mg/kg	4.73	0.253	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Magnesium, Total	3910		mg/kg	9.46	1.46	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Manganese, Total	510		mg/kg	0.946	0.150	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Mercury, Total	0.150		mg/kg	0.077	0.050	1	06/26/24 11:00	06/26/24 19:13	EPA 7471B	1,7471B	MJR
Nickel, Total	17.2		mg/kg	2.36	0.229	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Potassium, Total	808		mg/kg	236	13.6	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Selenium, Total	0.520	J	mg/kg	1.89	0.244	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.473	0.268	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Sodium, Total	27.9	J	mg/kg	189	2.98	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Thallium, Total	0.488	J	mg/kg	1.89	0.298	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Vanadium, Total	33.8		mg/kg	0.946	0.192	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF
Zinc, Total	54.2		mg/kg	4.73	0.277	2	06/26/24 10:35	06/26/24 20:34	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2435023
Project Number: 3858.0004Y000
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-23
Client ID: F6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 13:20
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14500		mg/kg	8.98	2.42	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.49	0.341	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Arsenic, Total	11.7		mg/kg	0.898	0.187	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Barium, Total	93.1		mg/kg	0.898	0.156	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.440	J	mg/kg	0.449	0.030	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.898	0.088	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Calcium, Total	463		mg/kg	8.98	3.14	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Chromium, Total	22.7		mg/kg	0.898	0.086	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.32		mg/kg	1.80	0.149	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Copper, Total	16.5		mg/kg	0.898	0.232	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Iron, Total	19800		mg/kg	4.49	0.811	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Lead, Total	33.6		mg/kg	4.49	0.241	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Magnesium, Total	3980		mg/kg	8.98	1.38	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Manganese, Total	311		mg/kg	0.898	0.143	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.076	0.049	1	06/26/24 11:00	06/26/24 19:53	EPA 7471B	1,7471B	MJR
Nickel, Total	15.8		mg/kg	2.25	0.217	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Potassium, Total	852		mg/kg	225	12.9	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.80	0.232	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.449	0.254	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Sodium, Total	25.7	J	mg/kg	180	2.83	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Thallium, Total	0.568	J	mg/kg	1.80	0.283	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Vanadium, Total	30.9		mg/kg	0.898	0.182	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF
Zinc, Total	38.0		mg/kg	4.49	0.263	2	06/26/24 10:35	06/26/24 20:38	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-26 Date Collected: 06/20/24 14:00

Client ID: F5_0-0.2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18200		mg/kg	10.8	2.91	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Antimony, Total	0.556	J	mg/kg	5.38	0.409	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Arsenic, Total	52.4		mg/kg	1.08	0.224	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Barium, Total	140		mg/kg	1.08	0.187	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.591		mg/kg	0.538	0.036	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.271	J	mg/kg	1.08	0.105	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Calcium, Total	1530		mg/kg	10.8	3.77	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Chromium, Total	31.6		mg/kg	1.08	0.103	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Cobalt, Total	11.2		mg/kg	2.15	0.179	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Copper, Total	22.9		mg/kg	1.08	0.278	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Iron, Total	24600		mg/kg	5.38	0.972	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Lead, Total	176		mg/kg	5.38	0.288	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Magnesium, Total	5920		mg/kg	10.8	1.66	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Manganese, Total	532		mg/kg	1.08	0.171	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Mercury, Total	1.08		mg/kg	0.089	0.058	1	06/26/24 11:00	06/26/24 19:56	EPA 7471B	1,7471B	MJR
Nickel, Total	24.3		mg/kg	2.69	0.260	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Potassium, Total	3140		mg/kg	269	15.5	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	2.15	0.278	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.538	0.305	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Sodium, Total	55.6	J	mg/kg	215	3.39	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Thallium, Total	1.03	J	mg/kg	2.15	0.339	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Vanadium, Total	42.8		mg/kg	1.08	0.218	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF
Zinc, Total	94.8		mg/kg	5.38	0.315	2	06/26/24 10:35	06/26/24 20:42	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-27 Date Collected: 06/20/24 14:05

Client ID: F5_0.2-2 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	20800		mg/kg	11.0	2.97	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	5.50	0.418	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Arsenic, Total	8.28		mg/kg	1.10	0.229	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Barium, Total	168		mg/kg	1.10	0.191	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.652		mg/kg	0.550	0.036	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	1.10	0.108	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Calcium, Total	860		mg/kg	11.0	3.85	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Chromium, Total	26.0		mg/kg	1.10	0.106	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Cobalt, Total	11.6		mg/kg	2.20	0.182	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Copper, Total	13.2		mg/kg	1.10	0.284	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Iron, Total	26000		mg/kg	5.50	0.993	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Lead, Total	26.6		mg/kg	5.50	0.295	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Magnesium, Total	5870		mg/kg	11.0	1.69	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Manganese, Total	492		mg/kg	1.10	0.175	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Mercury, Total	0.162		mg/kg	0.092	0.060	1	06/26/24 11:00	06/26/24 20:00	EPA 7471B	1,7471B	MJR
Nickel, Total	24.3		mg/kg	2.75	0.266	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Potassium, Total	2570		mg/kg	275	15.8	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	2.20	0.284	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.550	0.311	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Sodium, Total	49.9	J	mg/kg	220	3.46	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Thallium, Total	1.05	J	mg/kg	2.20	0.346	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Vanadium, Total	43.1		mg/kg	1.10	0.223	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF
Zinc, Total	69.6		mg/kg	5.50	0.322	2	06/26/24 10:35	06/26/24 20:46	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435023

Project Number: 3858.0004Y000 **Report Date:** 06/30/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,18-19,22-23,26-27 Batch: WG1939416-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Iron, Total	0.899	J	mg/kg	2.00	0.361	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF
Zinc, Total	0.143	J	mg/kg	2.00	0.117	1	06/26/24 10:35	06/26/24 18:32	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,18-19,22-23,26-27 Batch: WG1939417-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/26/24 11:00	06/26/24 18:04	1,7471B	MJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 17 Batch: WG1939616-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/26/24 12:27	06/27/24 06:17	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 17 Batch: WG1939620-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/26/24 15:55	06/27/24 09:34	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,18-19,22-23,26-27 Batch: WG1939416-2								
Aluminum, Total	104		-		80-120	-		
Antimony, Total	107		-		80-120	-		
Arsenic, Total	101		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	108		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Calcium, Total	102		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Cobalt, Total	105		-		80-120	-		
Copper, Total	106		-		80-120	-		
Iron, Total	107		-		80-120	-		
Lead, Total	101		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	103		-		80-120	-		
Potassium, Total	102		-		80-120	-		
Selenium, Total	104		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	95		-		80-120	-		
Vanadium, Total	107		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,18-19,22-23,26-27 Batch: WG1939416-2					
Zinc, Total	103	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,18-19,22-23,26-27 Batch: WG1939417-2					
Mercury, Total	96	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 17 Batch: WG1939616-2					
Aluminum, Total	100	-	80-120	-	
Antimony, Total	91	-	80-120	-	
Arsenic, Total	104	-	80-120	-	
Barium, Total	102	-	80-120	-	
Beryllium, Total	97	-	80-120	-	
Cadmium, Total	104	-	80-120	-	
Calcium, Total	97	-	80-120	-	
Chromium, Total	96	-	80-120	-	
Cobalt, Total	98	-	80-120	-	
Copper, Total	99	-	80-120	-	
Iron, Total	106	-	80-120	-	
Lead, Total	101	-	80-120	-	
Magnesium, Total	98	-	80-120	-	
Manganese, Total	95	-	80-120	-	
Nickel, Total	95	-	80-120	-	
Potassium, Total	101	-	80-120	-	
Selenium, Total	98	-	80-120	-	
Silver, Total	101	-	80-120	-	
Sodium, Total	100	-	80-120	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	95	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 17 Batch: WG1939616-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 17 Batch: WG1939620-2					
Mercury, Total	92	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,18-19,22-23,26-27 QC Batch ID: WG1939416-3 WG1939416-4 QC Sample: L2435023-06 Client ID: F10_0.2-2												
Aluminum, Total	11200	223	16800	**2510**	Q	16600	**2460**	Q	75-125	1		20
Antimony, Total	0.983J	55.8	51.1	92		49.6	90		75-125	3		20
Arsenic, Total	78.0	13.4	134	**418**	Q	139	**464**	Q	75-125	4		20
Barium, Total	63.1	223	318	114		304	110		75-125	5		20
Beryllium, Total	0.512J	5.58	6.53	117		6.26	114		75-125	4		20
Cadmium, Total	0.655J	5.91	6.42	109		6.09	105		75-125	5		20
Calcium, Total	479	1120	1730	112		1690	110		75-125	2		20
Chromium, Total	27.8	22.3	62.4	**155**	Q	59.6	**145**	Q	75-125	5		20
Cobalt, Total	4.51	55.8	62.2	103		58.0	98		75-125	7		20
Copper, Total	13.6	27.9	48.3	124		46.3	119		75-125	4		20
Iron, Total	11900	112	18200	**5650**	Q	17400	**5020**	Q	75-125	4		20
Lead, Total	45.9	59.1	129	**140**	Q	143	**167**	Q	75-125	10		20
Magnesium, Total	2160	1120	4340	**195**	Q	4180	**184**	Q	75-125	4		20
Manganese, Total	506	55.8	905	**716**	Q	789	**516**	Q	75-125	14		20
Nickel, Total	10.0	55.8	67.6	103		64.3	99		75-125	5		20
Potassium, Total	385	1120	1720	120		1700	120		75-125	1		20
Selenium, Total	0.309J	13.4	14.0	105		13.7	104		75-125	2		20
Silver, Total	ND	5.58	5.86	105		5.56	101		75-125	5		20
Sodium, Total	20.4J	1120	1130	101		1090	99		75-125	4		20
Thallium, Total	ND	13.4	12.4	93		12.1	92		75-125	2		20
Vanadium, Total	17.0	55.8	82.8	118		77.8	111		75-125	6		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,18-19,22-23,26-27 QC Batch ID: WG1939416-3 WG1939416-4 QC Sample: L2435023-06 Client ID: F10_0.2-2											
Zinc, Total	51.5	55.8	122	**126**	Q	121	**127**	Q	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,18-19,22-23,26-27 QC Batch ID: WG1939417-3 WG1939417-4 QC Sample: L2435023-06 Client ID: F10_0.2-2											
Mercury, Total	0.318	1.77	2.08	99		2.04	96		80-120	2	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 17 QC Batch ID: WG1939616-3 WG1939616-4 QC Sample: L2435033-02 Client ID: MS Sample											
Aluminum, Total	7.85	2	10.4	**128**	Q	10.0	108		75-125	4	20
Antimony, Total	ND	0.5	0.4012	80		0.3960	79		75-125	1	20
Arsenic, Total	0.1592	0.12	0.2785	99		0.2771	98		75-125	1	20
Barium, Total	0.3630	2	2.363	100		2.377	101		75-125	1	20
Beryllium, Total	ND	0.05	0.05187	104		0.05154	103		75-125	1	20
Cadmium, Total	0.0007J	0.053	0.05402	102		0.05117	96		75-125	5	20
Calcium, Total	134	10	138	**40**	Q	141	**70**	Q	75-125	2	20
Chromium, Total	0.0302	0.2	0.2219	96		0.2245	97		75-125	1	20
Cobalt, Total	0.0161	0.5	0.5118	99		0.5201	101		75-125	2	20
Copper, Total	0.0574	0.25	0.3086	100		0.2981	96		75-125	3	20
Iron, Total	37.2	1	35.8	**0**	Q	36.3	**0**	Q	75-125	1	20
Lead, Total	0.0845	0.53	0.6153	100		0.6033	98		75-125	2	20
Magnesium, Total	14.7	10	24.4	97		24.3	96		75-125	0	20
Manganese, Total	1.705	0.5	2.135	86		2.153	90		75-125	1	20
Nickel, Total	0.0864	0.5	0.5688	96		0.5730	97		75-125	1	20
Potassium, Total	23.9	10	32.8	89		33.3	94		75-125	2	20
Selenium, Total	ND	0.12	0.127	106		0.105	88		75-125	19	20
Silver, Total	ND	0.05	0.05218	104		0.05022	100		75-125	4	20
Sodium, Total	69.3	10	78.2	89		78.3	90		75-125	0	20
Thallium, Total	ND	0.12	0.1172	98		0.1166	97		75-125	1	20
Vanadium, Total	0.0321J	0.5	0.5040	101		0.5165	103		75-125	2	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 17 QC Batch ID: WG1939616-3 WG1939616-4 QC Sample: L2435033-02 Client ID: MS Sample									
Zinc, Total	0.1583	0.5	0.6309	94	0.6325	95	75-125	0	20
Total Metals - Mansfield Lab Associated sample(s): 17 QC Batch ID: WG1939620-3 QC Sample: L2434790-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00475	95	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 17 QC Batch ID: WG1939620-4 QC Sample: L2434790-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2435023
Report Date: 06/30/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,18-19,22-23,26-27 QC Batch ID: WG1939416-6 QC Sample: L2435023-06 Client ID: F10_0.2-2						
Aluminum, Total	11200	11100	mg/kg	1		20
Arsenic, Total	78.0	74.3	mg/kg	5		20
Barium, Total	63.1	62.0	mg/kg	2		20
Calcium, Total	479	473	mg/kg	1		20
Chromium, Total	27.8	28.4	mg/kg	2		20
Iron, Total	11900	12100	mg/kg	2		20
Magnesium, Total	2160	2250	mg/kg	4		20
Manganese, Total	506	511	mg/kg	1		20
Total Metals - Mansfield Lab Associated sample(s): 17 QC Batch ID: WG1939616-6 QC Sample: L2435033-02 Client ID: DUP Sample						
Arsenic, Total	0.1592	0.1576	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-01
Client ID: F11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 09:00
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	06/21/24 13:00	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.925	0.185	1	06/26/24 13:39	06/27/24 07:00	1,7196A	CLD

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-02
Client ID: F11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 09:05
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	06/21/24 13:00	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/26/24 20:10	06/27/24 15:13	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.928	0.186	1	06/26/24 13:39	06/27/24 07:00	1,7196A	CLD

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-05
Client ID: F10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 09:45
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	06/21/24 13:00	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.963	0.192	1	06/26/24 13:39	06/27/24 07:00	1,7196A	CLD

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-06
Client ID: F10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 09:50
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.6		%	0.100	NA	1	-	06/21/24 13:00	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.3	0.28	1	06/26/24 20:10	06/27/24 15:14	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.13	0.227	1	06/26/24 13:39	06/27/24 07:00	1,7196A	CLD

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-09
Client ID: F9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 10:30
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.8		%	0.100	NA	1	-	06/21/24 13:00	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.00	0.200	1	06/26/24 13:39	06/27/24 07:00	1,7196A	CLD

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-10
Client ID: F9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 10:35
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	06/21/24 13:00	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.99	0.21	1	06/26/24 20:10	06/27/24 15:19	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.870	0.174	1	06/26/24 13:39	06/27/24 07:00	1,7196A	CLD

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-13
Client ID: F8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 11:00
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.0		%	0.100	NA	1	-	06/21/24 13:00	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.05	0.210	1	06/26/24 13:39	06/27/24 07:00	1,7196A	CLD

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-14
Client ID: F8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 11:05
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	06/21/24 13:00	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	06/26/24 20:10	06/27/24 15:20	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.990	0.198	1	06/26/24 13:39	06/27/24 07:00	1,7196A	CLD

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-17
Client ID: FB_06202024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Field Blank

Date Collected: 06/20/24 12:10
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.004	J	mg/l	0.005	0.001	1	06/26/24 23:00	06/27/24 14:26	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/21/24 09:30	06/21/24 09:44	1,7196A	JBB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-18
Client ID: F7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 12:40
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.7		%	0.100	NA	1	-	06/21/24 13:00	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.07	0.214	1	06/26/24 13:39	06/27/24 07:00	1,7196A	CLD

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-19
Client ID: F7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 12:45
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	06/21/24 13:00	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/26/24 20:10	06/27/24 15:21	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.920	0.184	1	06/26/24 13:39	06/27/24 07:00	1,7196A	CLD

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-22
Client ID: F6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 13:15
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	06/21/24 13:00	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.968	0.194	1	06/26/24 13:39	06/27/24 08:25	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-23
Client ID: F6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 13:20
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	06/21/24 13:00	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/26/24 20:10	06/27/24 15:22	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.944	0.189	1	06/26/24 13:39	06/27/24 08:25	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-26
Client ID: F5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 14:00
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.9		%	0.100	NA	1	-	06/21/24 13:00	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.11	0.222	1	06/26/24 13:39	06/27/24 08:25	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435023-27
Client ID: F5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 14:05
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.1		%	0.100	NA	1	-	06/21/24 13:00	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.4	0.29	1	06/26/24 20:10	06/27/24 15:23	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.16	0.232	1	06/26/24 13:39	06/27/24 08:25	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435023
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 17 Batch: WG1937541-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/21/24 09:30	06/21/24 09:44	1,7196A	JBB
General Chemistry - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,18-19 Batch: WG1939654-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/26/24 13:39	06/27/24 07:00	1,7196A	CLD
General Chemistry - Westborough Lab for sample(s): 22-23,26-27 Batch: WG1939658-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/26/24 13:39	06/27/24 08:25	1,7196A	DTH
General Chemistry - Westborough Lab for sample(s): 02,06,10,14,19,23,27 Batch: WG1939891-1										
Cyanide, Total	ND		mg/kg	0.99	0.21	1	06/26/24 20:10	06/27/24 14:55	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 17 Batch: WG1939939-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/26/24 23:00	06/27/24 14:07	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 17 Batch: WG1937541-2								
Chromium, Hexavalent	95		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,18-19 Batch: WG1939654-2								
Chromium, Hexavalent	96		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 22-23,26-27 Batch: WG1939658-2								
Chromium, Hexavalent	96		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 Batch: WG1939891-2 WG1939891-3								
Cyanide, Total	109		105		80-120	7		35
General Chemistry - Westborough Lab Associated sample(s): 17 Batch: WG1939939-2 WG1939939-3								
Cyanide, Total	115		110		85-115	4		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 17 QC Batch ID: WG1937541-4 QC Sample: L2435023-17 Client ID: FB_06202024												
Chromium, Hexavalent	ND	0.1	0.096	96		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,18-19 QC Batch ID: WG1939654-4 WG1939654-5 QC Sample: L2435023-06 Client ID: F10_0.2-2												
Chromium, Hexavalent	ND	1760	1540	88		1470	93		75-125	5		20
General Chemistry - Westborough Lab Associated sample(s): 22-23,26-27 QC Batch ID: WG1939658-4 QC Sample: L2435023-22 Client ID: F6_0-0.2												
Chromium, Hexavalent	ND	1480	1160	78		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,19,23,27 QC Batch ID: WG1939891-4 WG1939891-5 QC Sample: L2435023-06 Client ID: F10_0.2-2												
Cyanide, Total	ND	14	14	100		13	95		75-125	5		35
General Chemistry - Westborough Lab Associated sample(s): 17 QC Batch ID: WG1939939-4 WG1939939-5 QC Sample: L2435023-17 Client ID: FB_06202024												
Cyanide, Total	0.004J	0.2	0.197	98		0.198	99		80-120	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435023

Report Date: 06/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,18-19,22-23,26-27 QC Batch ID: WG1937485-1 QC Sample: L2435023-06 Client ID: F10_0.2-2						
Solids, Total	70.6	68.6	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 17 QC Batch ID: WG1937541-3 QC Sample: L2435023-17 Client ID: FB_06202024						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,18-19 QC Batch ID: WG1939654-7 QC Sample: L2435023-06 Client ID: F10_0.2-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 22-23,26-27 QC Batch ID: WG1939658-6 QC Sample: L2435023-22 Client ID: F6_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435023-01A	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2435023-01B	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HEXCR-7196(30)
L2435023-01C	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2435023-02A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-02B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-02C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-02D	Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2435023-02E	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		HEXCR-7196(30)
L2435023-02F	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2435023-02G	Glass 500ml/16oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2435023-02X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-02Y	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-02Z	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-03A	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2435023-03B	Plastic 2oz unpreserved for TS	B	NA		5.2	Y	Absent		HOLD-WETCHEM()
L2435023-03C	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-8081(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435023-04A	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2435023-04B	Plastic 2oz unpreserved for TS	B	NA		5.2	Y	Absent		HOLD-WETCHEM()
L2435023-04C	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2435023-05A	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2435023-05B	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HEXCR-7196(30)
L2435023-05C	Glass 500ml/16oz unpreserved	B	NA		5.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2435023-06A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-06A1	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-06A2	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-06B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-06B1	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-06B2	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-06C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-06C1	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-06C2	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-06D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2435023-06D1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2435023-06D2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2435023-06E	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435023-06E1	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		HEXCR-7196(30)
L2435023-06E2	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		HEXCR-7196(30)
L2435023-06F	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2435023-06F1	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2435023-06F2	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2435023-06G	Glass 500ml/16oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2435023-06G1	Glass 500ml/16oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2435023-06G2	Glass 500ml/16oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2435023-06X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-06X1	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-06X2	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-06Y	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-06Y1	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-06Y2	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-06Z	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-06Z1	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-06Z2	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-07A	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2435023-07B	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-WETCHEM()
L2435023-07C	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2435023-08A	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2435023-08B	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-WETCHEM()
L2435023-08C	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2435023-09A	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2435023-09B	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435023-09C	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HERB-APA(14),NYTCL-8081(14),HEXCR-7196(30)
L2435023-10A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-10B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-10C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-10D	Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2435023-10E	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		HEXCR-7196(30)
L2435023-10F	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2435023-10G	Glass 500ml/16oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2435023-10X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-10Y	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-10Z	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-11A	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2435023-11B	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-WETCHEM()
L2435023-11C	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2435023-12A	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2435023-12B	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-WETCHEM()
L2435023-12C	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2435023-13A	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2435023-13B	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HEXCR-7196(30)
L2435023-13C	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2435023-14A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-14B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-14C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435023-14D	Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2435023-14E	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		HEXCR-7196(30)
L2435023-14F	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2435023-14G	Glass 500ml/16oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2435023-14X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-14Y	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-14Z	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-15A	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2435023-15B	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-WETCHEM()
L2435023-15C	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2435023-16A	Glass 60mL/2oz unpreserved	B	NA		5.2	Y	Absent		HOLD-METAL(180)
L2435023-16B	Glass 120ml/4oz unpreserved	B	NA		5.2	Y	Absent		HOLD-WETCHEM()
L2435023-16C	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2435023-17A	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L2435023-17B	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L2435023-17C	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L2435023-17D	Amber 100ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2435023-17E	Amber 100ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2435023-17F	Plastic 250ml unpreserved	C	7	7	5.8	Y	Absent		HEXCR-7196(1)
L2435023-17G	Plastic 250ml NaOH preserved	C	>12	>12	5.8	Y	Absent		TCN-9010(14)
L2435023-17H	Plastic 250ml HNO3 preserved	C	<2	<2	5.8	Y	Absent		TL-6020T(180),SE-6020T(180),FE-6020T(180),BA-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435023-17I	Amber 120ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8082-LVI(365)
L2435023-17J	Amber 120ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8082-LVI(365)
L2435023-17K	Amber 120ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2435023-17L	Amber 120ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2435023-17M	Amber 250ml unpreserved	B	7	7	5.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2435023-17N	Amber 250ml unpreserved	C	7	7	5.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2435023-17O	Amber 1000ml unpreserved	C	7	7	5.8	Y	Absent		HERB-APA(7)
L2435023-17P	Amber 1000ml unpreserved	C	7	7	5.8	Y	Absent		HERB-APA(7)
L2435023-18A	Glass 60mL/2oz unpreserved	C	NA		5.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2435023-18B	Glass 120ml/4oz unpreserved	C	NA		5.8	Y	Absent		HEXCR-7196(30)
L2435023-18C	Glass 250ml/8oz unpreserved	C	NA		5.8	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2435023-19A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-19B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-19C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-19D	Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2435023-19E	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		HEXCR-7196(30)
L2435023-19F	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2435023-19G	Glass 500ml/16oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2435023-19X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-19Y	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-19Z	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-20A	Glass 60mL/2oz unpreserved	C	NA		5.8	Y	Absent		HOLD-METAL(180)
L2435023-20B	Glass 120ml/4oz unpreserved	C	NA		5.8	Y	Absent		HOLD-WETCHEM()

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435023-20C	Glass 250ml/8oz unpreserved	C	NA		5.8	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2435023-21A	Glass 60mL/2oz unpreserved	C	NA		5.8	Y	Absent		HOLD-METAL(180)
L2435023-21B	Glass 120ml/4oz unpreserved	C	NA		5.8	Y	Absent		HOLD-WETCHEM()
L2435023-21C	Glass 250ml/8oz unpreserved	C	NA		5.8	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2435023-22A	Glass 60mL/2oz unpreserved	C	NA		5.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2435023-22B	Glass 120ml/4oz unpreserved	C	NA		5.8	Y	Absent		HEXCR-7196(30)
L2435023-22C	Glass 250ml/8oz unpreserved	C	NA		5.8	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2435023-23A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-23B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-23C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-23D	Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2435023-23E	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		HEXCR-7196(30)
L2435023-23F	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2435023-23G	Glass 500ml/16oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2435023-23X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-23Y	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-23Z	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-24A	Glass 60mL/2oz unpreserved	C	NA		5.8	Y	Absent		HOLD-METAL(180)
L2435023-24B	Glass 120ml/4oz unpreserved	C	NA		5.8	Y	Absent		HOLD-WETCHEM()
L2435023-24C	Glass 250ml/8oz unpreserved	C	NA		5.8	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2435023-25A	Glass 60mL/2oz unpreserved	C	NA		5.8	Y	Absent		HOLD-METAL(180)
L2435023-25B	Glass 120ml/4oz unpreserved	C	NA		5.8	Y	Absent		HOLD-WETCHEM()
L2435023-25C	Glass 250ml/8oz unpreserved	C	NA		5.8	Y	Absent		HOLD-8151(14),HOLD-8081(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435023
Report Date: 06/30/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435023-26A	Glass 60mL/2oz unpreserved	C	NA		5.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2435023-26B	Glass 120ml/4oz unpreserved	C	NA		5.8	Y	Absent		HEXCR-7196(30)
L2435023-26C	Glass 250ml/8oz unpreserved	C	NA		5.8	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2435023-27A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-27B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-27C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-27D	Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2435023-27E	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		HEXCR-7196(30)
L2435023-27F	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2435023-27G	Glass 500ml/16oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2435023-27X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2435023-27Y	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-27Z	Vial Water preserved split	A	NA		4.8	Y	Absent	21-JUN-24 09:03	NYTCL-8260HLW(14)
L2435023-28A	Glass 60mL/2oz unpreserved	C	NA		5.8	Y	Absent		HOLD-METAL(180)
L2435023-28B	Glass 120ml/4oz unpreserved	C	NA		5.8	Y	Absent		HOLD-WETCHEM()
L2435023-28C	Glass 250ml/8oz unpreserved	C	NA		5.8	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2435023-29A	Glass 60mL/2oz unpreserved	C	NA		5.8	Y	Absent		HOLD-METAL(180)
L2435023-29B	Glass 120ml/4oz unpreserved	C	NA		5.8	Y	Absent		HOLD-WETCHEM()
L2435023-29C	Glass 250ml/8oz unpreserved	C	NA		5.8	Y	Absent		HOLD-8151(14),HOLD-8081(14)
L2435023-30A	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L2435023-30B	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435023
Project Number:	3858.0004Y000	**Report Date:**	06/30/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435023
Project Number:	3858.0004Y000	**Report Date:**	06/30/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435023
Project Number:	3858.0004Y000	**Report Date:**	06/30/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435023
Project Number:	3858.0004Y000	**Report Date:**	06/30/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 6/21/24

ALPHA Job #: L2435023

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
35023-01	FII-0-0.2	6/20/24	0900	S	EL			X	X	X	X				3
-02	FII-0.2-2		0905	S	EL	X	X	X	X	X	X	X	X		7
-03	FII-2-4		0910	S	EL			H	H	H	H			HOLD	3
-04	FII-4-6		0915	S	EL			H	H	H	H			HOLD	3
-05	FIO-0-0.2		0945	S	EL			X	X	X	X				3
-06	FIO-0.2-2		0950	S	EL	X	X	X	X	X	X	X	X	MS/MSD	21
-07	FIO-2-4		0955	S	EL			H	H	H	H			HOLD	3
-08	FIO-4-6		1000	S	EL			H	H	H	H			HOLD	3
-09	FQ-0-0.2		1030	S	EL			X	X	X	X				3
-10	FQ-0.2-2		1035	S	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/20/24 1445	GJAC (PACE)	6/20/24, 14:45
GJAC	6/20/24, 19:00	NJSC	6/20/24, 19:00
NJSC	6/20/24, 19:00		6/20/24 19:15
	6/20/24		6/20 2220
	6/21 130		6/21/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 3

Date Rec'd in Lab: 6/21/24

ALPHA Job #: L2435023

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
35023-11	FB-2-4	6/20/24	1240	S	EL			H	H	H	H			HOLD	3
-12	FB-4-6		1245	S	EL			H	H	H	H			HOLD	3
-13	FB-0-0.2		1100	S	EL			X	X	X	X				3
-14	FB-0.2-2		1105	S	EL	X	X	X	X	X	X	X	X		7
-15	FB-2-4		1110	S	EL			H	H	H	H			HOLD	3
-16	FB-4-6		1115	S	EL			H	H	H	H			HOLD	3
-17	FB-06202024		1210	GW	EL	X	X	X	X	X	X	X	X		16
-18	F7-0-0.2		1240	S	EL			X	X	X	X				3
-19	F7-0.2-2		1245	S	EL	X	X	X	X	X	X	X	X		7
-20	F7-2-4		1250	S	EL			H	H	H	H			HOLD	3
Container Type						E	A	A	A	A	A	A	A		
Preservative						A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/20/24 1445	GJAC (PACE)	6/20/24, 14:45
GJAC	6/20/24, 19:00	NJSC	6/20/24, 19:00
NJSC	6/20/24, 19:00		6/21/24, 01:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page T 3 of 3

Date Rec'd in Lab: 6/21/24

ALPHA Job #: L2435023

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
35023-21	F7_4-6	6/20/24	1255	S	EL			H	H	H	H			HOLD	3
-22	F6_0-0.2		1315	S	EL			X	X	X	X				3
-23	F6_0.2-2		1320	S	EL	X	X	X	X	X	X	X	X		7
-24	F6_2-4		1325	S	EL			H	H	H	H			HOLD	3
-25	F6_4-6		1330	S	EL			H	H	H	H			HOLD	3
-26	F5_0-0.2		1400	S	EL			X	X	X	X				3
-27	F5_0.2-2		1405	S	EL	X	X	X	X	X	X	X	X		7
-28	F5_2-4		1410	S	EL			H	H	H	H			HOLD	3
-29	F5_4-6		1415	S	EL			H	H	H	H			HOLD	3
-30	TB_06202024	6/20/24	—	W	EL	X									2

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/20/24 1445	GJAC (PACE)	6/20/24, 14:45
GJAC	6/20/24, 19:00	NJSC	6/20/24, 19:00
NJSC	6/20/24, 19:00		6/20/24 19:15
	6/21 130		6/21/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2435284
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/27/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435284
Report Date: 06/27/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435284-01	A11_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 14:15	06/10/24
L2435284-02	A12_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/10/24 14:35	06/10/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435284
Project Number:	3858.0004Y000	**Report Date:**	06/27/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435284
Project Number:	3858.0004Y000	**Report Date:**	06/27/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2435284-02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 06/27/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Lab Number: L2435284
Project Number: 3858.0004Y000
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2435284-01
Client ID: A11_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/10/24 14:15
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 19:12
Analyst: MMG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 13:24
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.779	0.348	1	A
Alpha-BHC	ND		ug/kg	0.779	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.709	1	A
Heptachlor	ND		ug/kg	0.935	0.419	1	A
Aldrin	ND		ug/kg	1.87	0.658	1	A
Heptachlor epoxide	ND		ug/kg	3.50	1.05	1	A
Endrin	ND		ug/kg	0.779	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.818	1	A
Endrin ketone	ND		ug/kg	1.87	0.481	1	A
Dieldrin	ND		ug/kg	1.17	0.584	1	A
4,4'-DDE	ND		ug/kg	1.87	0.432	1	A
4,4'-DDD	ND		ug/kg	1.87	0.667	1	A
4,4'-DDT	ND		ug/kg	1.87	1.50	1	A
Endosulfan I	ND		ug/kg	1.87	0.442	1	A
Endosulfan II	ND		ug/kg	1.87	0.625	1	A
Endosulfan sulfate	ND		ug/kg	0.779	0.371	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.82	1	A
cis-Chlordane	ND		ug/kg	2.34	0.651	1	A
trans-Chlordane	ND		ug/kg	2.34	0.617	1	A
Chlordane	ND		ug/kg	15.6	6.19	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435284

Project Number: 3858.0004Y000 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2435284-01 Date Collected: 06/10/24 14:15

Client ID: A11_4-6 Date Received: 06/10/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435284
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/24/24 08:20
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/23/24 09:44
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1938126-1						
Delta-BHC	ND		ug/kg	1.57	0.308	A
Lindane	ND		ug/kg	0.654	0.292	A
Alpha-BHC	ND		ug/kg	0.654	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.596	A
Heptachlor	ND		ug/kg	0.785	0.352	A
Aldrin	ND		ug/kg	1.57	0.553	A
Heptachlor epoxide	ND		ug/kg	2.94	0.884	A
Endrin	ND		ug/kg	0.654	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.687	A
Endrin ketone	ND		ug/kg	1.57	0.404	A
Dieldrin	ND		ug/kg	0.982	0.491	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.560	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.371	A
Endosulfan II	ND		ug/kg	1.57	0.525	A
Endosulfan sulfate	ND		ug/kg	0.654	0.312	A
Methoxychlor	ND		ug/kg	2.94	0.916	A
Toxaphene	ND		ug/kg	29.4	8.25	A
cis-Chlordane	ND		ug/kg	1.96	0.547	A
trans-Chlordane	ND		ug/kg	1.96	0.518	A
Chlordane	ND		ug/kg	13.1	5.20	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435284
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/24/24 08:20
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/23/24 09:44
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1938126-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	121		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435284

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1938126-2 WG1938126-3									
Delta-BHC	93		95		30-150	2		30	A
Lindane	86		90		30-150	5		30	A
Alpha-BHC	91		94		30-150	3		30	A
Beta-BHC	86		89		30-150	3		30	A
Heptachlor	83		86		30-150	4		30	A
Aldrin	90		92		30-150	2		30	A
Heptachlor epoxide	90		92		30-150	2		30	A
Endrin	102		104		30-150	2		30	A
Endrin aldehyde	92		91		30-150	1		30	A
Endrin ketone	104		104		30-150	0		30	A
Dieldrin	109		110		30-150	1		30	A
4,4'-DDE	101		102		30-150	1		30	A
4,4'-DDD	112		113		30-150	1		30	A
4,4'-DDT	105		106		30-150	1		30	A
Endosulfan I	93		96		30-150	3		30	A
Endosulfan II	103		104		30-150	1		30	A
Endosulfan sulfate	111		112		30-150	1		30	A
Methoxychlor	120		120		30-150	0		30	A
cis-Chlordane	92		94		30-150	2		30	A
trans-Chlordane	99		101		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435284

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1938126-2 WG1938126-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		84		30-150	A
Decachlorobiphenyl	110		112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		94		30-150	B
Decachlorobiphenyl	125		120		30-150	B

METALS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435284
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2435284-02
Client ID: A12_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/10/24 14:35
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	19600		mg/kg	8.60	2.32	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.30	0.327	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Arsenic, Total	ND		mg/kg	1.72	0.358	4	06/27/24 01:35	06/27/24 10:19	EPA 3050B	1,6010D	DHL
Barium, Total	189		mg/kg	0.860	0.150	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.279	J	mg/kg	0.430	0.028	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.860	0.084	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Calcium, Total	357		mg/kg	8.60	3.01	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Chromium, Total	32.1		mg/kg	0.860	0.083	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Cobalt, Total	21.9		mg/kg	1.72	0.143	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Copper, Total	33.4		mg/kg	0.860	0.222	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Iron, Total	31100		mg/kg	4.30	0.777	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Lead, Total	4.62		mg/kg	4.30	0.230	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Magnesium, Total	9110		mg/kg	8.60	1.32	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Manganese, Total	567		mg/kg	0.860	0.137	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.071	0.046	1	06/27/24 10:00	06/27/24 11:57	EPA 7471B	1,7471B	JWN
Nickel, Total	39.4		mg/kg	2.15	0.208	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Potassium, Total	9800		mg/kg	215	12.4	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	3.44	0.444	4	06/27/24 01:35	06/27/24 10:19	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.430	0.243	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Sodium, Total	121	J	mg/kg	172	2.71	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.72	0.271	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Vanadium, Total	45.7		mg/kg	0.860	0.175	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL
Zinc, Total	95.3		mg/kg	4.30	0.252	2	06/27/24 01:35	06/27/24 09:10	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435284
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1939430-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/26/24 12:43	06/27/24 10:24	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1939869-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Iron, Total	0.571	J	mg/kg	2.00	0.361	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435284
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435284

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1939430-2								
Mercury, Total	100		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435284

Report Date: 06/27/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1939869-2					
Aluminum, Total	111	-	80-120	-	
Antimony, Total	106	-	80-120	-	
Arsenic, Total	102	-	80-120	-	
Barium, Total	109	-	80-120	-	
Beryllium, Total	109	-	80-120	-	
Cadmium, Total	103	-	80-120	-	
Calcium, Total	105	-	80-120	-	
Chromium, Total	108	-	80-120	-	
Cobalt, Total	103	-	80-120	-	
Copper, Total	106	-	80-120	-	
Iron, Total	110	-	80-120	-	
Lead, Total	100	-	80-120	-	
Magnesium, Total	102	-	80-120	-	
Manganese, Total	105	-	80-120	-	
Nickel, Total	100	-	80-120	-	
Potassium, Total	109	-	80-120	-	
Selenium, Total	99	-	80-120	-	
Silver, Total	110	-	80-120	-	
Sodium, Total	106	-	80-120	-	
Thallium, Total	101	-	80-120	-	
Vanadium, Total	105	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435284

Report Date: 06/27/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1939869-2					
Zinc, Total	102	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435284
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1939430-3 WG1939430-4 QC Sample: L2435025-01 Client ID: MS Sample												
Mercury, Total	ND	1.46	1.47	101		1.56	102		80-120	6		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435284
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1939869-3 QC Sample: L2436258-01 Client ID: MS Sample										
Aluminum, Total	15800	181	16400	**332**	Q	-	-	75-125	-	20
Antimony, Total	ND	45.2	41.5	92		-	-	75-125	-	20
Arsenic, Total	2.46	10.8	12.5	92		-	-	75-125	-	20
Barium, Total	75.2	181	253	98		-	-	75-125	-	20
Beryllium, Total	0.468	4.52	4.80	96		-	-	75-125	-	20
Cadmium, Total	ND	4.79	4.52	94		-	-	75-125	-	20
Calcium, Total	635	904	1480	93		-	-	75-125	-	20
Chromium, Total	23.7	18.1	39.7	88		-	-	75-125	-	20
Cobalt, Total	12.8	45.2	53.5	90		-	-	75-125	-	20
Copper, Total	21.4	22.6	44.3	101		-	-	75-125	-	20
Iron, Total	23200	90.4	21900	**0**	Q	-	-	75-125	-	20
Lead, Total	8.82	47.9	51.5	89		-	-	75-125	-	20
Magnesium, Total	4680	904	5770	120		-	-	75-125	-	20
Manganese, Total	519	45.2	399	**0**	Q	-	-	75-125	-	20
Nickel, Total	16.7	45.2	58.6	93		-	-	75-125	-	20
Potassium, Total	2020	904	2770	83		-	-	75-125	-	20
Selenium, Total	ND	10.8	8.88	82		-	-	75-125	-	20
Silver, Total	ND	4.52	4.44	98		-	-	75-125	-	20
Sodium, Total	45.6J	904	912	101		-	-	75-125	-	20
Thallium, Total	ND	10.8	9.25	85		-	-	75-125	-	20
Vanadium, Total	34.5	45.2	74.8	89		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435284
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1939869-3 QC Sample: L2436258-01 Client ID: MS Sample									
Zinc, Total	41.8	45.2	86.0	98	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435284
Report Date: 06/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1939869-4 QC Sample: L2436258-01 Client ID: DUP Sample						
Aluminum, Total	15800	16200	mg/kg	3		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.46	1.72	mg/kg	**35**	Q	20
Barium, Total	75.2	73.0	mg/kg	3		20
Beryllium, Total	0.468	0.445	mg/kg	5		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	635	632	mg/kg	0		20
Chromium, Total	23.7	21.6	mg/kg	9		20
Cobalt, Total	12.8	8.74	mg/kg	**38**	Q	20
Copper, Total	21.4	21.0	mg/kg	2		20
Iron, Total	23200	20700	mg/kg	11		20
Lead, Total	8.82	7.42	mg/kg	17		20
Magnesium, Total	4680	4460	mg/kg	5		20
Manganese, Total	519	342	mg/kg	**41**	Q	20
Nickel, Total	16.7	15.0	mg/kg	11		20
Potassium, Total	2020	1630	mg/kg	**21**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	45.6J	43.6J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435284

Report Date: 06/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1939869-4 QC Sample: L2436258-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	34.5	29.5	mg/kg	16	20
Zinc, Total	41.8	40.5	mg/kg	3	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2435284
Report Date: 06/27/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1939869-6 QC Sample: L2436258-01 Client ID: DUP Sample						
Aluminum, Total	15800	17300	mg/kg	9		20
Barium, Total	75.2	83.0	mg/kg	10		20
Calcium, Total	635	713	mg/kg	12		20
Chromium, Total	23.7	26.5	mg/kg	12		20
Iron, Total	23200	27500	mg/kg	19		20
Magnesium, Total	4680	5270	mg/kg	13		20
Manganese, Total	519	586	mg/kg	13		20
Vanadium, Total	34.5	38.3	mg/kg	11		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435284
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2435284-01
Client ID: A11_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 14:15
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	06/22/24 10:16	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435284
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2435284-02
Client ID: A12_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 14:35
Date Received: 06/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	06/22/24 10:16	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435284

Report Date: 06/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1937874-1 QC Sample: L2432914-02 Client ID: DUP Sample						
Solids, Total	72.6	74.3	%	2		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435284
Report Date: 06/27/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435284-01C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		TS(7),NYTCL-8081(14)
L2435284-02A	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2435284-02C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435284
Project Number:	3858.0004Y000	**Report Date:**	06/27/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435284
Project Number:	3858.0004Y000	**Report Date:**	06/27/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435284
Project Number:	3858.0004Y000	**Report Date:**	06/27/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435284
Project Number:	3858.0004Y000	**Report Date:**	06/27/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 4

Date Rec'd in Lab: 6/11/24

L2435284 WMC 6/21/24
ALPHA Job #: L2435284

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
35284-21	A11 - 0-0.2	6/10/24	1430	S	EL			X	X	X	X				3
35284-22	A11 - 0.2-2	"	1405	S	EL	X	X	X	X	X	X	X	X		7
35284-23	A11 - 2-4	"	1410	S	EL			H	H	H	H			H30	3
35284-01	A11 - 4-6	"	1415	S	EL			H	H	H X	H			H30	3
35284-25	A12 - 0-0.2	"	1420	S	EL			X	X	X	X				3
35284-26	A12 - 0.2-2	"	1425	S	EL	X	X	X	X	X	X	X	X		7
35284-27	A12 - 2-4	"	1430	S	EL			H	H	H	H			H30	3
35284-02	A12 - 4-6	"	1435	S	EL			H X	H	H	H			H30	3
35284-29	DUP - 06102024	"	1200	S	EL			X	X	X	X				3
35284-30	FB - 06102024	"	1215	W	EL			X	X	X	X				6

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/10/24 1530	Jon A Pace	6/10/24 15:55
	6/10/24		6/10/24 2200
	6/11 0500		6/11/24 0500

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2435399
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/01/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435399-01	F4_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 08:25	06/21/24
L2435399-02	F4_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 08:30	06/21/24
L2435399-03	F4_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 08:35	06/21/24
L2435399-04	F4_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 08:40	06/21/24
L2435399-05	F3_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 09:05	06/21/24
L2435399-06	F3_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 09:10	06/21/24
L2435399-07	F3_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 09:15	06/21/24
L2435399-08	F3_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 09:20	06/21/24
L2435399-09	F2_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 09:45	06/21/24
L2435399-10	F2_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 09:50	06/21/24
L2435399-11	F2_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 09:55	06/21/24
L2435399-12	F2_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 10:00	06/21/24
L2435399-13	G1_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 10:40	06/21/24
L2435399-14	G1_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 10:45	06/21/24
L2435399-15	G1_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 10:50	06/21/24
L2435399-16	G1_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 10:55	06/21/24
L2435399-17	G2_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 11:15	06/21/24
L2435399-18	G2_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 11:20	06/21/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435399-19	G2_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 11:25	06/21/24
L2435399-20	G2_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 11:30	06/21/24
L2435399-21	G3_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 12:40	06/21/24
L2435399-22	G3_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 12:45	06/21/24
L2435399-23	G3_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 12:50	06/21/24
L2435399-24	G3_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 12:55	06/21/24
L2435399-25	FB_06212024	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 13:00	06/21/24
L2435399-26	G4_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 13:10	06/21/24
L2435399-27	G4_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 13:15	06/21/24
L2435399-28	G4_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 13:20	06/21/24
L2435399-29	G4_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 13:25	06/21/24
L2435399-30	G6_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 13:35	06/21/24
L2435399-31	G6_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 13:40	06/21/24
L2435399-32	G6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 13:45	06/21/24
L2435399-33	G6_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 13:50	06/21/24
L2435399-34	TB_06212024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 00:00	06/21/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435399
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399
Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

PCBs

L2435399-10D: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Pesticides

WG1940553-1: One or more dual column RPDs are above the acceptance criteria; however, obvious column interferences are present. The result is qualified with a "P" if the higher of the two results is reported. The result is qualified with an "IP" if the lower of the two results is reported.

The WG1940553-2/-3 LCS/LCSD RPD(s), associated with L2435399-01, -02, -05, -06, -09, -10, -13, -14, -17, -18, -21, -21D, -22D, -22, -26, -27, -30, and -31, are above the acceptance criteria for delta-bhc (45%), lindane (45%), alpha-bhc (47%), beta-bhc (40%), heptachlor (45%), aldrin (46%), heptachlor epoxide (44%), endrin (48%), endrin aldehyde (45%), endrin ketone (44%), dieldrin (46%), 4,4'-dde (48%), 4,4'-ddd (46%), 4,4'-ddt (44%), endosulfan i (46%), endosulfan ii (43%), endosulfan sulfate (44%), methoxychlor (43%) and cis-chlordane (45%).

Total Metals

L2435399-01, -02, -05, -06, -09, -10, -13, -14, -17, -18, -21, -22, -26, -27, -30 and -31: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2435399-30: The sample has elevated detection limits for all elements due to the dilution required by the sample matrix.

The WG1939928-3/-4 MS/MSD recoveries for iron (0%/0%), performed on L2435399-06, does not apply

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399
Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Case Narrative (continued)

because the sample concentration is greater than four times the spike amount added.

Cyanide, Total

The WG1940489-2 LCS recovery for cyanide, total (74%), associated with L2435399-14 and -18, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1940722-3 LCSD recovery for cyanide, total (70%), associated with L2435399-06, -22, -27, and -31, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Hexavalent Chromium

The WG1940149-5 Soluble MS recovery for chromium, hexavalent (57%), performed on L2435399-21, was outside the acceptance criteria. This has been attributed to matrix interference. A post-spike was performed with a recovery of 97%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative Date: 07/01/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-02 Date Collected: 06/21/24 08:30
Client ID: F4_0.2-2 Date Received: 06/21/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/26/24 23:35
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.5	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.75	0.29	1
Chlorobenzene	ND		ug/kg	0.75	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.0	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.75	0.25	1
Bromodichloromethane	ND		ug/kg	0.75	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.75	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.75	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.75	0.24	1
Bromoform	ND		ug/kg	6.0	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.75	0.25	1
Benzene	ND		ug/kg	0.75	0.25	1
Toluene	0.82	J	ug/kg	1.5	0.81	1
Ethylbenzene	0.98	J	ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.0	1.4	1
Bromomethane	ND		ug/kg	3.0	0.87	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.68	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-02 Date Collected: 06/21/24 08:30

Client ID: F4_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.75	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	5.2		ug/kg	3.0	0.84	1
o-Xylene	1.4	J	ug/kg	1.5	0.44	1
Xylenes, Total	6.6	J	ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	3.0	0.36	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.2	1
Carbon disulfide	ND		ug/kg	15	6.8	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.75	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.29	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	6.0	0.97	1
Acrylonitrile	ND		ug/kg	6.0	1.7	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-02 Date Collected: 06/21/24 08:30

Client ID: F4_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.41	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.50	1
1,4-Dioxane	ND		ug/kg	120	52.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.26	1
p-Ethyltoluene	ND		ug/kg	3.0	0.58	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.29	1
Ethyl ether	ND		ug/kg	3.0	0.51	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.5	2.1	1
Tentatively Identified Compounds						
Total TIC Compounds	7.94	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	7.94	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-06
Client ID: F3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 09:10
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 00:13
Analyst: AJK
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Bromomethane	ND		ug/kg	3.1	0.91	1
Tentatively Identified Compounds						
Total TIC Compounds	6.60	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	6.60	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-06 R
Client ID: F3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 09:10
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 09:41
Analyst: MKS
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.1	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.71	0.28	1
Chlorobenzene	ND		ug/kg	0.71	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.99	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.71	0.24	1
Bromodichloromethane	ND		ug/kg	0.71	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.71	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.71	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.71	0.23	1
Bromoform	ND		ug/kg	5.7	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.71	0.24	1
Benzene	ND		ug/kg	0.71	0.24	1
Toluene	1.4		ug/kg	1.4	0.78	1
Ethylbenzene	1.9		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.7	1.3	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.20	1
Trichloroethene	ND		ug/kg	0.71	0.20	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-06 R Date Collected: 06/21/24 09:10

Client ID: F3_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.29	1
p/m-Xylene	9.9		ug/kg	2.8	0.80	1
o-Xylene	2.5		ug/kg	1.4	0.42	1
Xylenes, Total	12		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.8	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.9	1
Carbon disulfide	ND		ug/kg	14	6.5	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.71	0.19	1
Bromobenzene	ND		ug/kg	2.8	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.8	0.17	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.24	1
Isopropylbenzene	0.18	J	ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.7	0.93	1
Acrylonitrile	ND		ug/kg	5.7	1.6	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-06 R Date Collected: 06/21/24 09:10

Client ID: F3_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.48	1
1,4-Dioxane	ND		ug/kg	110	50.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.55	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.49	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.1	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-10 Date Collected: 06/21/24 09:50
Client ID: F2_0.2-2 Date Received: 06/21/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 00:52
Analyst: AJK
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.5	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.3	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.75	0.30	1
Chlorobenzene	ND		ug/kg	0.75	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.0	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.39	1
1,1,1-Trichloroethane	ND		ug/kg	0.75	0.25	1
Bromodichloromethane	ND		ug/kg	0.75	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.75	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.75	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.75	0.24	1
Bromoform	ND		ug/kg	6.0	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.75	0.25	1
Benzene	ND		ug/kg	0.75	0.25	1
Toluene	ND		ug/kg	1.5	0.82	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.0	1.4	1
Bromomethane	ND		ug/kg	3.0	0.88	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.68	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-10 Date Collected: 06/21/24 09:50

Client ID: F2_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.75	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	0.84	J	ug/kg	3.0	0.84	1
o-Xylene	0.49	J	ug/kg	1.5	0.44	1
Xylenes, Total	1.3	J	ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	3.0	0.36	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.2	1
Carbon disulfide	ND		ug/kg	15	6.8	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.75	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.29	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	2.4	J	ug/kg	6.0	0.98	1
Acrylonitrile	ND		ug/kg	6.0	1.7	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-10 Date Collected: 06/21/24 09:50

Client ID: F2_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.41	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.50	1
1,4-Dioxane	ND		ug/kg	120	53.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.27	1
p-Ethyltoluene	ND		ug/kg	3.0	0.58	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.29	1
Ethyl ether	ND		ug/kg	3.0	0.51	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.5	2.1	1
Tentatively Identified Compounds						
Total TIC Compounds	5.66	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	5.66	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-14 Date Collected: 06/21/24 10:45
Client ID: G1_0.2-2 Date Received: 06/21/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 01:31
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-14 Date Collected: 06/21/24 10:45

Client ID: G1_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-14 Date Collected: 06/21/24 10:45

Client ID: G1_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	3.95	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	3.95	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-18
Client ID: G2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 11:20
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 02:09
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-18 Date Collected: 06/21/24 11:20

Client ID: G2_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.22	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-18 Date Collected: 06/21/24 11:20

Client ID: G2_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.22	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	3.67	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	3.67	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	106		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-22
Client ID: G3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 12:45
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 02:48
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.1	4.1	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.7	0.25	1
Carbon tetrachloride	ND		ug/kg	1.8	0.42	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.23	1
Dibromochloromethane	ND		ug/kg	1.8	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.48	1
Tetrachloroethene	ND		ug/kg	0.91	0.36	1
Chlorobenzene	ND		ug/kg	0.91	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.2	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.46	1
1,1,1-Trichloroethane	ND		ug/kg	0.91	0.30	1
Bromodichloromethane	ND		ug/kg	0.91	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.49	1
cis-1,3-Dichloropropene	ND		ug/kg	0.91	0.29	1
1,3-Dichloropropene, Total	ND		ug/kg	0.91	0.29	1
1,1-Dichloropropene	ND		ug/kg	0.91	0.29	1
Bromoform	ND		ug/kg	7.2	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.91	0.30	1
Benzene	ND		ug/kg	0.91	0.30	1
Toluene	ND		ug/kg	1.8	0.98	1
Ethylbenzene	ND		ug/kg	1.8	0.26	1
Chloromethane	ND		ug/kg	7.2	1.7	1
Bromomethane	ND		ug/kg	3.6	1.0	1
Vinyl chloride	ND		ug/kg	1.8	0.61	1
Chloroethane	ND		ug/kg	3.6	0.82	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.43	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.25	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-22 Date Collected: 06/21/24 12:45

Client ID: G3_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.91	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	3.6	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	3.6	0.31	1
Methyl tert butyl ether	ND		ug/kg	3.6	0.36	1
p/m-Xylene	ND		ug/kg	3.6	1.0	1
o-Xylene	ND		ug/kg	1.8	0.53	1
Xylenes, Total	ND		ug/kg	1.8	0.53	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.32	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.25	1
Dibromomethane	ND		ug/kg	3.6	0.43	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	18	1.6	1
Acetone	ND		ug/kg	18	8.7	1
Carbon disulfide	ND		ug/kg	18	8.2	1
2-Butanone	ND		ug/kg	18	4.0	1
Vinyl acetate	ND		ug/kg	18	3.9	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	3.6	0.23	1
2-Hexanone	ND		ug/kg	18	2.1	1
Bromochloromethane	ND		ug/kg	3.6	0.37	1
2,2-Dichloropropane	ND		ug/kg	3.6	0.37	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.50	1
1,3-Dichloropropane	ND		ug/kg	3.6	0.30	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.91	0.24	1
Bromobenzene	ND		ug/kg	3.6	0.26	1
n-Butylbenzene	ND		ug/kg	1.8	0.30	1
sec-Butylbenzene	ND		ug/kg	1.8	0.26	1
tert-Butylbenzene	ND		ug/kg	3.6	0.21	1
o-Chlorotoluene	ND		ug/kg	3.6	0.35	1
p-Chlorotoluene	ND		ug/kg	3.6	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.2	0.31	1
Isopropylbenzene	ND		ug/kg	1.8	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.20	1
Naphthalene	ND		ug/kg	7.2	1.2	1
Acrylonitrile	ND		ug/kg	7.2	2.1	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-22 Date Collected: 06/21/24 12:45

Client ID: G3_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.8	0.31	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	0.58	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	0.49	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.6	0.35	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.6	0.60	1
1,4-Dioxane	ND		ug/kg	140	64.	1
p-Diethylbenzene	ND		ug/kg	3.6	0.32	1
p-Ethyltoluene	ND		ug/kg	3.6	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.6	0.35	1
Ethyl ether	ND		ug/kg	3.6	0.62	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.1	2.6	1
Tentatively Identified Compounds						
Total TIC Compounds	9.49	J	ug/kg			1
Unknown Alkane	3.75	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	5.74	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	106		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-27
Client ID: G4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 13:15
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 03:27
Analyst: AJK
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.7	3.5	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.3	0.22	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.41	1
Tetrachloroethene	ND		ug/kg	0.77	0.30	1
Chlorobenzene	ND		ug/kg	0.77	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.2	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.77	0.26	1
Bromodichloromethane	ND		ug/kg	0.77	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.42	1
cis-1,3-Dichloropropene	ND		ug/kg	0.77	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.77	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.77	0.24	1
Bromoform	ND		ug/kg	6.2	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.77	0.26	1
Benzene	ND		ug/kg	0.77	0.26	1
Toluene	ND		ug/kg	1.5	0.84	1
Ethylbenzene	ND		ug/kg	1.5	0.22	1
Chloromethane	ND		ug/kg	6.2	1.4	1
Bromomethane	ND		ug/kg	3.1	0.90	1
Vinyl chloride	ND		ug/kg	1.5	0.52	1
Chloroethane	ND		ug/kg	3.1	0.70	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-27 Date Collected: 06/21/24 13:15

Client ID: G4_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.77	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.1	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.1	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.31	1
p/m-Xylene	ND		ug/kg	3.1	0.86	1
o-Xylene	ND		ug/kg	1.5	0.45	1
Xylenes, Total	ND		ug/kg	1.5	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.27	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	3.1	0.37	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	26		ug/kg	15	7.4	1
Carbon disulfide	ND		ug/kg	15	7.0	1
2-Butanone	4.9	J	ug/kg	15	3.4	1
Vinyl acetate	ND		ug/kg	15	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	15	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.1	0.20	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.1	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.1	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.43	1
1,3-Dichloropropane	ND		ug/kg	3.1	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.77	0.20	1
Bromobenzene	ND		ug/kg	3.1	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.26	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.1	0.18	1
o-Chlorotoluene	ND		ug/kg	3.1	0.29	1
p-Chlorotoluene	ND		ug/kg	3.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.2	0.26	1
Isopropylbenzene	ND		ug/kg	1.5	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.17	1
Naphthalene	ND		ug/kg	6.2	1.0	1
Acrylonitrile	ND		ug/kg	6.2	1.8	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-27 Date Collected: 06/21/24 13:15

Client ID: G4_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.1	0.50	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.1	0.42	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.1	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.1	0.51	1
1,4-Dioxane	ND		ug/kg	120	54.	1
p-Diethylbenzene	ND		ug/kg	3.1	0.27	1
p-Ethyltoluene	ND		ug/kg	3.1	0.59	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.1	0.29	1
Ethyl ether	ND		ug/kg	3.1	0.52	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.7	2.2	1
Tentatively Identified Compounds						
Total TIC Compounds	5.07	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	5.07	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-31
Client ID: G6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 13:40
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 04:05
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.89	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.21	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.1	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-31 Date Collected: 06/21/24 13:40

Client ID: G6_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.64	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.24	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.84	1
Acrylonitrile	ND		ug/kg	5.1	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-31 Date Collected: 06/21/24 13:40

Client ID: G6_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.24	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1
Tentatively Identified Compounds						
Total TIC Compounds	3.59	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	3.59	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-34
Client ID: TB_06212024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 00:00
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 06/24/24 16:26
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-34 Date Collected: 06/20/24 00:00

Client ID: TB_06212024 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-34 Date Collected: 06/20/24 00:00

Client ID: TB_06212024 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	101		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 09:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 34 Batch: WG1938990-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 09:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 34 Batch: WG1938990-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 09:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 34 Batch: WG1938990-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/l

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 09:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 34 Batch: WG1938990-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	95		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 22:47
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940335-5					
Methylene chloride	2.3	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.34	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 22:47
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940335-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 22:47
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940335-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	27.0	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	3.89	NJ	ug/kg
Boric acid, trimethyl ester	23.1	NJ	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 22:47
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940335-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 08:36
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1940843-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	1.3	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 08:36
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1940843-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 08:36
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1940843-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 34 Batch: WG1938990-3 WG1938990-4								
Methylene chloride	94		100		70-130	6		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	95		99		70-130	4		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	90		100		63-130	11		20
1,1,2-Trichloroethane	91		110		70-130	19		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	96		100		75-130	4		20
Trichlorofluoromethane	95		93		62-150	2		20
1,2-Dichloroethane	88		100		70-130	13		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	91		100		67-130	9		20
trans-1,3-Dichloropropene	100		110		70-130	10		20
cis-1,3-Dichloropropene	96		110		70-130	14		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	85		98		54-136	14		20
1,1,2,2-Tetrachloroethane	110		130		67-130	17		20
Benzene	100		110		70-130	10		20
Toluene	100		110		70-130	10		20
Ethylbenzene	99		100		70-130	1		20
Chloromethane	100		89		64-130	12		20
Bromomethane	**20**	Q	**21**	Q	39-139	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 34 Batch: WG1938990-3 WG1938990-4								
Vinyl chloride	80		78		55-140	3		20
Chloroethane	**50**	Q	**51**	Q	55-138	2		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	99		100		70-130	1		20
Trichloroethene	87		93		70-130	7		20
1,2-Dichlorobenzene	95		110		70-130	15		20
1,3-Dichlorobenzene	98		110		70-130	12		20
1,4-Dichlorobenzene	96		110		70-130	14		20
Methyl tert butyl ether	88		100		63-130	13		20
p/m-Xylene	90		100		70-130	11		20
o-Xylene	85		95		70-130	11		20
cis-1,2-Dichloroethene	96		100		70-130	4		20
Dibromomethane	85		98		70-130	14		20
1,2,3-Trichloropropane	95		110		64-130	15		20
Acrylonitrile	100		110		70-130	10		20
Styrene	90		100		70-130	11		20
Dichlorodifluoromethane	100		98		36-147	2		20
Acetone	77		90		58-148	16		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	95		100		63-138	5		20
Vinyl acetate	**170**	Q	**180**	Q	70-130	6		20
4-Methyl-2-pentanone	100		120		59-130	18		20
2-Hexanone	98		120		57-130	20		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 34 Batch: WG1938990-3 WG1938990-4								
Bromochloromethane	89		97		70-130	9		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	93		110		70-130	17		20
1,3-Dichloropropane	97		110		70-130	13		20
1,1,1,2-Tetrachloroethane	92		100		64-130	8		20
Bromobenzene	99		110		70-130	11		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	110		120		70-130	9		20
tert-Butylbenzene	100		110		70-130	10		20
o-Chlorotoluene	110		120		70-130	9		20
p-Chlorotoluene	110		120		70-130	9		20
1,2-Dibromo-3-chloropropane	84		100		41-144	17		20
Hexachlorobutadiene	120		120		63-130	0		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	110		120		70-130	9		20
Naphthalene	74		95		70-130	**25**	Q	20
n-Propylbenzene	120		120		69-130	0		20
1,2,3-Trichlorobenzene	83		100		70-130	19		20
1,2,4-Trichlorobenzene	90		100		70-130	11		20
1,3,5-Trimethylbenzene	110		120		64-130	9		20
1,2,4-Trimethylbenzene	110		120		70-130	9		20
1,4-Dioxane	82		104		56-162	**24**	Q	20
p-Diethylbenzene	100		110		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 34 Batch: WG1938990-3 WG1938990-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	89		97		70-130	9		20
Ethyl ether	91		100		59-134	9		20
trans-1,4-Dichloro-2-butene	71		86		70-130	19		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		96		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	120		116		70-130
Dibromofluoromethane	96		91		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940335-3 WG1940335-4								
Methylene chloride	95		92		70-130	3		30
1,1-Dichloroethane	97		94		70-130	3		30
Chloroform	93		91		70-130	2		30
Carbon tetrachloride	93		92		70-130	1		30
1,2-Dichloropropane	100		96		70-130	4		30
Dibromochloromethane	96		93		70-130	3		30
1,1,2-Trichloroethane	91		88		70-130	3		30
Tetrachloroethene	89		87		70-130	2		30
Chlorobenzene	91		91		70-130	0		30
Trichlorofluoromethane	101		96		70-139	5		30
1,2-Dichloroethane	95		92		70-130	3		30
1,1,1-Trichloroethane	93		91		70-130	2		30
Bromodichloromethane	96		94		70-130	2		30
trans-1,3-Dichloropropene	94		91		70-130	3		30
cis-1,3-Dichloropropene	97		95		70-130	2		30
1,1-Dichloropropene	91		89		70-130	2		30
Bromoform	91		91		70-130	0		30
1,1,2,2-Tetrachloroethane	91		87		70-130	4		30
Benzene	97		94		70-130	3		30
Toluene	92		89		70-130	3		30
Ethylbenzene	94		93		70-130	1		30
Chloromethane	101		95		52-130	6		30
Bromomethane	86		83		57-147	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940335-3 WG1940335-4								
Vinyl chloride	112		104		67-130	7		30
Chloroethane	100		96		50-151	4		30
1,1-Dichloroethene	92		87		65-135	6		30
trans-1,2-Dichloroethene	92		88		70-130	4		30
Trichloroethene	95		94		70-130	1		30
1,2-Dichlorobenzene	91		89		70-130	2		30
1,3-Dichlorobenzene	92		89		70-130	3		30
1,4-Dichlorobenzene	92		90		70-130	2		30
Methyl tert butyl ether	92		88		66-130	4		30
p/m-Xylene	95		93		70-130	2		30
o-Xylene	94		93		70-130	1		30
cis-1,2-Dichloroethene	90		87		70-130	3		30
Dibromomethane	97		92		70-130	5		30
Styrene	99		98		70-130	1		30
Dichlorodifluoromethane	88		83		30-146	6		30
Acetone	121		114		54-140	6		30
Carbon disulfide	85		82		59-130	4		30
2-Butanone	118		110		70-130	7		30
Vinyl acetate	93		83		70-130	11		30
4-Methyl-2-pentanone	104		95		70-130	9		30
1,2,3-Trichloropropane	92		89		68-130	3		30
2-Hexanone	117		110		70-130	6		30
Bromochloromethane	97		92		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940335-3 WG1940335-4								
2,2-Dichloropropane	92		89		70-130	3		30
1,2-Dibromoethane	93		90		70-130	3		30
1,3-Dichloropropane	93		90		69-130	3		30
1,1,1,2-Tetrachloroethane	92		91		70-130	1		30
Bromobenzene	90		89		70-130	1		30
n-Butylbenzene	92		90		70-130	2		30
sec-Butylbenzene	92		91		70-130	1		30
tert-Butylbenzene	90		89		70-130	1		30
o-Chlorotoluene	90		89		70-130	1		30
p-Chlorotoluene	89		88		70-130	1		30
1,2-Dibromo-3-chloropropane	97		92		68-130	5		30
Hexachlorobutadiene	92		91		67-130	1		30
Isopropylbenzene	91		90		70-130	1		30
p-Isopropyltoluene	92		90		70-130	2		30
Naphthalene	99		94		70-130	5		30
Acrylonitrile	114		107		70-130	6		30
n-Propylbenzene	92		91		70-130	1		30
1,2,3-Trichlorobenzene	109		102		70-130	7		30
1,2,4-Trichlorobenzene	97		94		70-130	3		30
1,3,5-Trimethylbenzene	91		90		70-130	1		30
1,2,4-Trimethylbenzene	92		90		70-130	2		30
1,4-Dioxane	94		90		65-136	4		30
p-Diethylbenzene	91		89		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940335-3 WG1940335-4								
p-Ethyltoluene	91		90		70-130	1		30
1,2,4,5-Tetramethylbenzene	93		91		70-130	2		30
Ethyl ether	95		87		67-130	9		30
trans-1,4-Dichloro-2-butene	107		105		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		100		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	96		97		70-130
Dibromofluoromethane	104		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1940843-3 WG1940843-4								
Methylene chloride	89		90		70-130	1		30
1,1-Dichloroethane	92		92		70-130	0		30
Chloroform	89		90		70-130	1		30
Carbon tetrachloride	89		88		70-130	1		30
1,2-Dichloropropane	90		92		70-130	2		30
Dibromochloromethane	81		85		70-130	5		30
1,1,2-Trichloroethane	86		92		70-130	7		30
Tetrachloroethene	89		89		70-130	0		30
Chlorobenzene	87		88		70-130	1		30
Trichlorofluoromethane	97		95		70-139	2		30
1,2-Dichloroethane	88		90		70-130	2		30
1,1,1-Trichloroethane	88		87		70-130	1		30
Bromodichloromethane	85		86		70-130	1		30
trans-1,3-Dichloropropene	83		87		70-130	5		30
cis-1,3-Dichloropropene	85		87		70-130	2		30
1,1-Dichloropropene	91		90		70-130	1		30
Bromoform	76		86		70-130	12		30
1,1,2,2-Tetrachloroethane	82		88		70-130	7		30
Benzene	88		88		70-130	0		30
Toluene	82		83		70-130	1		30
Ethylbenzene	89		89		70-130	0		30
Chloromethane	97		95		52-130	2		30
Bromomethane	98		97		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1940843-3 WG1940843-4								
Vinyl chloride	98		95		67-130	3		30
Chloroethane	106		103		50-151	3		30
1,1-Dichloroethene	92		92		65-135	0		30
trans-1,2-Dichloroethene	87		87		70-130	0		30
Trichloroethene	91		92		70-130	1		30
1,2-Dichlorobenzene	88		91		70-130	3		30
1,3-Dichlorobenzene	89		92		70-130	3		30
1,4-Dichlorobenzene	88		93		70-130	6		30
Methyl tert butyl ether	85		89		66-130	5		30
p/m-Xylene	89		89		70-130	0		30
o-Xylene	88		90		70-130	2		30
cis-1,2-Dichloroethene	88		88		70-130	0		30
Dibromomethane	84		89		70-130	6		30
Styrene	88		90		70-130	2		30
Dichlorodifluoromethane	93		89		30-146	4		30
Acetone	85		103		54-140	19		30
Carbon disulfide	94		94		59-130	0		30
2-Butanone	79		87		70-130	10		30
Vinyl acetate	83		82		70-130	1		30
4-Methyl-2-pentanone	75		85		70-130	13		30
1,2,3-Trichloropropane	86		93		68-130	8		30
2-Hexanone	70		81		70-130	15		30
Bromochloromethane	89		90		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1940843-3 WG1940843-4								
2,2-Dichloropropane	86		84		70-130	2		30
1,2-Dibromoethane	82		87		70-130	6		30
1,3-Dichloropropane	88		92		69-130	4		30
1,1,1,2-Tetrachloroethane	84		87		70-130	4		30
Bromobenzene	85		87		70-130	2		30
n-Butylbenzene	98		100		70-130	2		30
sec-Butylbenzene	93		95		70-130	2		30
tert-Butylbenzene	89		90		70-130	1		30
o-Chlorotoluene	91		93		70-130	2		30
p-Chlorotoluene	89		92		70-130	3		30
1,2-Dibromo-3-chloropropane	72		83		68-130	14		30
Hexachlorobutadiene	94		94		67-130	0		30
Isopropylbenzene	90		91		70-130	1		30
p-Isopropyltoluene	93		94		70-130	1		30
Naphthalene	80		89		70-130	11		30
Acrylonitrile	87		97		70-130	11		30
n-Propylbenzene	92		94		70-130	2		30
1,2,3-Trichlorobenzene	90		95		70-130	5		30
1,2,4-Trichlorobenzene	90		95		70-130	5		30
1,3,5-Trimethylbenzene	91		92		70-130	1		30
1,2,4-Trimethylbenzene	90		93		70-130	3		30
1,4-Dioxane	87		87		65-136	0		30
p-Diethylbenzene	92		94		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1940843-3 WG1940843-4								
p-Ethyltoluene	91		93		70-130	2		30
1,2,4,5-Tetramethylbenzene	87		90		70-130	3		30
Ethyl ether	90		92		67-130	2		30
trans-1,4-Dichloro-2-butene	78		89		70-130	13		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		102		70-130
Toluene-d8	99		97		70-130
4-Bromofluorobenzene	94		97		70-130
Dibromofluoromethane	102		99		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1940843-6 WG1940843-7 QC Sample: L2435399-06 Client ID: F3_0.2-2												
Methylene chloride	ND	132	160	118		170	117		70-130	7		30
1,1-Dichloroethane	ND	132	160	120		170	119		70-130	7		30
Chloroform	ND	132	150	112		160	111		70-130	7		30
Carbon tetrachloride	ND	132	150	115		170	115		70-130	8		30
1,2-Dichloropropane	ND	132	150	110		160	109		70-130	7		30
Dibromochloromethane	ND	132	130	97		140	95		70-130	7		30
1,1,2-Trichloroethane	ND	132	140	102		150	101		70-130	7		30
Tetrachloroethene	ND	132	140	103		140	100		70-130	6		30
Chlorobenzene	ND	132	130	96		130	90		70-130	2		30
Trichlorofluoromethane	ND	132	180	133		200	137		70-139	11		30
1,2-Dichloroethane	ND	132	140	107		160	108		70-130	9		30
1,1,1-Trichloroethane	ND	132	150	115		160	114		70-130	8		30
Bromodichloromethane	ND	132	140	104		150	102		70-130	6		30
trans-1,3-Dichloropropene	ND	132	140	103		140	100		70-130	6		30
cis-1,3-Dichloropropene	ND	132	140	103		150	102		70-130	6		30
1,1-Dichloropropene	ND	132	150	116		170	117		70-130	9		30
Bromoform	ND	132	130	96		130	92		70-130	5		30
1,1,2,2-Tetrachloroethane	ND	132	130	94		130	92		70-130	5		30
Benzene	ND	132	150	109		160	108		70-130	7		30
Toluene	1.4	132	130	101		140	98		70-130	5		30
Ethylbenzene	1.9	132	130	100		140	96		70-130	4		30
Chloromethane	ND	132	170	125		180	126		52-130	9		30
Bromomethane	ND	132	180	137		200	140		57-147	10		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1940843-6 WG1940843-7 QC Sample: L2435399-06 Client ID: F3_0.2-2												
Vinyl chloride	ND	132	170	129		190	**132**	Q	67-130	11		30
Chloroethane	ND	132	200	149		220	151		50-151	9		30
1,1-Dichloroethene	ND	132	160	123		180	126		65-135	10		30
trans-1,2-Dichloroethene	ND	132	160	117		170	116		70-130	7		30
Trichloroethene	ND	132	150	109		160	108		70-130	7		30
1,2-Dichlorobenzene	ND	132	100	76		100	70		70-130	1		30
1,3-Dichlorobenzene	ND	132	110	80		110	73		70-130	1		30
1,4-Dichlorobenzene	ND	132	110	81		100	72		70-130	4		30
Methyl tert butyl ether	ND	132	140	108		160	110		66-130	10		30
p/m-Xylene	9.9	265	270	97		280	93		70-130	4		30
o-Xylene	2.5	265	260	97		270	93		70-130	4		30
cis-1,2-Dichloroethene	ND	132	150	112		160	109		70-130	6		30
Dibromomethane	ND	132	130	101		150	102		70-130	9		30
Styrene	ND	265	250	92		250	87		70-130	2		30
Dichlorodifluoromethane	ND	132	160	121		180	124		30-146	11		30
Acetone	ND	132	140	105		160	111		54-140	13		30
Carbon disulfide	ND	132	170	127		190	129		59-130	10		30
2-Butanone	ND	132	120	87		130	92		70-130	15		30
Vinyl acetate	ND	132	37	**28**	Q	42	**29**	Q	70-130	11		30
4-Methyl-2-pentanone	ND	132	130	94		140	97		70-130	11		30
1,2,3-Trichloropropane	ND	132	130	100		140	97		68-130	6		30
2-Hexanone	ND	132	110	83		130	87		70-130	13		30
Bromochloromethane	ND	132	140	107		150	106		70-130	7		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1940843-6 WG1940843-7 QC Sample: L2435399-06 Client ID: F3_0.2-2												
2,2-Dichloropropane	ND	132	150	115		170	116		70-130	9		30
1,2-Dibromoethane	ND	132	130	97		140	96		70-130	8		30
1,3-Dichloropropane	ND	132	140	103		150	101		69-130	6		30
1,1,1,2-Tetrachloroethane	ND	132	130	100		140	97		70-130	5		30
Bromobenzene	ND	132	120	91		120	83		70-130	1		30
n-Butylbenzene	ND	132	110	79		110	78		70-130	6		30
sec-Butylbenzene	ND	132	120	89		130	88		70-130	7		30
tert-Butylbenzene	ND	132	120	91		130	89		70-130	6		30
o-Chlorotoluene	ND	132	130	94		130	88		70-130	2		30
p-Chlorotoluene	ND	132	120	90		120	81		70-130	2		30
1,2-Dibromo-3-chloropropane	ND	132	110	82		120	80		68-130	5		30
Hexachlorobutadiene	ND	132	77	**58**	Q	90	**63**	Q	67-130	15		30
Isopropylbenzene	0.18J	132	130	100		140	96		70-130	4		30
p-Isopropyltoluene	ND	132	110	84		120	82		70-130	6		30
Naphthalene	ND	132	77	**58**	Q	77	**54**	Q	70-130	0		30
Acrylonitrile	ND	132	120	91		140	97		70-130	15		30
n-Propylbenzene	ND	132	130	94		130	91		70-130	5		30
1,2,3-Trichlorobenzene	ND	132	66	**50**	Q	67	**47**	Q	70-130	2		30
1,2,4-Trichlorobenzene	ND	132	73	**55**	Q	72	**50**	Q	70-130	0		30
1,3,5-Trimethylbenzene	ND	132	120	91		120	86		70-130	2		30
1,2,4-Trimethylbenzene	ND	132	120	89		120	83		70-130	1		30
1,4-Dioxane	ND	6620	7200	108		7900	110		65-136	10		30
p-Diethylbenzene	ND	132	100	78		110	74		70-130	3		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1940843-6 WG1940843-7 QC Sample: L2435399-06 Client ID: F3_0.2-2												
p-Ethyltoluene	ND	132	120	93		130	87		70-130	2		30
1,2,4,5-Tetramethylbenzene	ND	132	90	**68**	Q	92	**64**	Q	70-130	1		30
Ethyl ether	ND	132	150	111		160	113		67-130	10		30
trans-1,4-Dichloro-2-butene	ND	132	130	94		130	92		70-130	6		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
4-Bromofluorobenzene	101		99		70-130
Dibromofluoromethane	103		103		70-130
Toluene-d8	101		98		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-02
Client ID: F4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 08:30
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/29/24 04:23
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 01:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	67.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-02 Date Collected: 06/21/24 08:30

Client ID: F4_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	35.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-02 Date Collected: 06/21/24 08:30

Client ID: F4_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
Total TIC Compounds	4410	J	ug/kg			1
Unknown Alkane	594	J	ug/kg			1
Unknown	1160	J	ug/kg			1
Unknown	164	J	ug/kg			1
Unknown	219	J	ug/kg			1
Unknown	1650	J	ug/kg			1
Unknown	237	J	ug/kg			1
Unknown	224	J	ug/kg			1
Unknown	163	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	68		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-06
Client ID: F3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 09:10
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/29/24 05:33
Analyst: SZ
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 01:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	220	21.	1
1,2-Dichlorobenzene	ND		ug/kg	220	39.	1
1,3-Dichlorobenzene	ND		ug/kg	220	37.	1
1,4-Dichlorobenzene	ND		ug/kg	220	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	57.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	74.	1
Butyl benzyl phthalate	ND		ug/kg	220	54.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	73.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-06 Date Collected: 06/21/24 09:10

Client ID: F3_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	45.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	220	39.	1
2-Nitroaniline	ND		ug/kg	220	41.	1
3-Nitroaniline	ND		ug/kg	220	40.	1
4-Nitroaniline	ND		ug/kg	220	89.	1
Dibenzofuran	ND		ug/kg	220	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	22.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	220	71.	1
2-Nitrophenol	ND		ug/kg	460	81.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	220	32.	1
2-Methylphenol	ND		ug/kg	220	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-06 Date Collected: 06/21/24 09:10

Client ID: F3_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	41.	1
Benzoic Acid	ND		ug/kg	700	220	1
Benzyl Alcohol	ND		ug/kg	220	66.	1
Carbazole	ND		ug/kg	220	21.	1
1,4-Dioxane	ND		ug/kg	32	9.9	1
Tentatively Identified Compounds						
Total TIC Compounds	3000	J	ug/kg			1
Unknown	194	J	ug/kg			1
Unknown	190	J	ug/kg			1
Unknown	239	J	ug/kg			1
Unknown Organic Acid	238	J	ug/kg			1
Unknown Alkene	975	J	ug/kg			1
Unknown Alkane	602	J	ug/kg			1
Unknown	558	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	74		18-120

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-10 D2
Client ID: F2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 09:50
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/30/24 17:06
Analyst: LJG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 01:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-ethylhexyl)phthalate	220000		ug/kg	8600	3000	50

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-10 D
Client ID: F2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 09:50
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/29/24 17:39
Analyst: LJG
Percent Solids: 96%
Extraction Method: EPA 3546
Extraction Date: 06/28/24 01:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2100		ug/kg	680	89.	5
Hexachlorobenzene	ND		ug/kg	510	96.	5
Bis(2-chloroethyl)ether	ND		ug/kg	770	120	5
2-Chloronaphthalene	ND		ug/kg	860	85.	5
3,3'-Dichlorobenzidine	ND		ug/kg	860	230	5
2,4-Dinitrotoluene	ND		ug/kg	860	170	5
2,6-Dinitrotoluene	ND		ug/kg	860	150	5
Fluoranthene	23000		ug/kg	510	98.	5
4-Chlorophenyl phenyl ether	ND		ug/kg	860	92.	5
4-Bromophenyl phenyl ether	ND		ug/kg	860	130	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1000	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	920	86.	5
Hexachlorobutadiene	ND		ug/kg	860	120	5
Hexachlorocyclopentadiene	ND		ug/kg	2400	780	5
Hexachloroethane	ND		ug/kg	680	140	5
Isophorone	ND		ug/kg	770	110	5
Naphthalene	1500		ug/kg	860	100	5
Nitrobenzene	ND		ug/kg	770	130	5
NDPA/DPA	ND		ug/kg	680	97.	5
n-Nitrosodi-n-propylamine	ND		ug/kg	860	130	5
Butyl benzyl phthalate	230	J	ug/kg	860	220	5
Di-n-butylphthalate	540	J	ug/kg	860	160	5
Di-n-octylphthalate	ND		ug/kg	860	290	5
Diethyl phthalate	ND		ug/kg	860	79.	5
Dimethyl phthalate	ND		ug/kg	860	180	5
Benzo(a)anthracene	15000		ug/kg	510	96.	5
Benzo(a)pyrene	16000		ug/kg	680	210	5
Benzo(b)fluoranthene	20000		ug/kg	510	140	5

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-10 D Date Collected: 06/21/24 09:50

Client ID: F2_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(k)fluoranthene	5600		ug/kg	510	140	5
Chrysene	14000		ug/kg	510	89.	5
Acenaphthylene	820		ug/kg	680	130	5
Anthracene	5800		ug/kg	510	170	5
Benzo(ghi)perylene	8800		ug/kg	680	100	5
Fluorene	2500		ug/kg	860	83.	5
Phenanthrene	14000		ug/kg	510	100	5
Dibenzo(a,h)anthracene	2200		ug/kg	510	99.	5
Indeno(1,2,3-cd)pyrene	9300		ug/kg	680	120	5
Pyrene	20000		ug/kg	510	85.	5
Biphenyl	160	J	ug/kg	2000	110	5
4-Chloroaniline	ND		ug/kg	860	160	5
2-Nitroaniline	ND		ug/kg	860	160	5
3-Nitroaniline	ND		ug/kg	860	160	5
4-Nitroaniline	ND		ug/kg	860	350	5
Dibenzofuran	1200		ug/kg	860	81.	5
2-Methylnaphthalene	720	J	ug/kg	1000	100	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	860	89.	5
Acetophenone	ND		ug/kg	860	100	5
2,4,6-Trichlorophenol	ND		ug/kg	510	160	5
p-Chloro-m-cresol	ND		ug/kg	860	130	5
2-Chlorophenol	ND		ug/kg	860	100	5
2,4-Dichlorophenol	ND		ug/kg	770	140	5
2,4-Dimethylphenol	ND		ug/kg	860	280	5
2-Nitrophenol	ND		ug/kg	1800	320	5
4-Nitrophenol	ND		ug/kg	1200	350	5
2,4-Dinitrophenol	ND		ug/kg	4100	400	5
4,6-Dinitro-o-cresol	ND		ug/kg	2200	410	5
Pentachlorophenol	ND		ug/kg	680	190	5
Phenol	ND		ug/kg	860	130	5
2-Methylphenol	ND		ug/kg	860	130	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1200	130	5
2,4,5-Trichlorophenol	ND		ug/kg	860	160	5
Benzoic Acid	ND		ug/kg	2800	860	5
Benzyl Alcohol	ND		ug/kg	860	260	5
Carbazole	1600		ug/kg	860	83.	5
1,4-Dioxane	ND		ug/kg	130	39.	5

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-10 D Date Collected: 06/21/24 09:50

Client ID: F2_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	43800	J	ug/kg			5
Unknown PAH	7990	J	ug/kg			5
Unknown PAH	1760	J	ug/kg			5
Unknown PAH	1980	J	ug/kg			5
Unknown PAH	1680	J	ug/kg			5
Unknown PAH	2120	J	ug/kg			5
Unknown	1080	J	ug/kg			5
Unknown PAH	1160	J	ug/kg			5
Unknown	1100	J	ug/kg			5
Unknown	1990	J	ug/kg			5
Unknown Naphthalene	2330	J	ug/kg			5
Unknown	2360	J	ug/kg			5
Unknown Ketone	910	J	ug/kg			5
Unknown PAH	2070	J	ug/kg			5
Unknown PAH	2280	J	ug/kg			5
Unknown PAH	4380	J	ug/kg			5
Unknown PAH	761	J	ug/kg			5
Unknown PAH	1520	J	ug/kg			5
Unknown PAH	3910	J	ug/kg			5
Unknown	944	J	ug/kg			5
Unknown	1520	J	ug/kg			5

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-10 D Date Collected: 06/21/24 09:50

Client ID: F2_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	54		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-14
Client ID: G1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 10:45
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/29/24 01:17
Analyst: SZ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 01:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-14 Date Collected: 06/21/24 10:45

Client ID: G1_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-14 Date Collected: 06/21/24 10:45

Client ID: G1_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	65		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-18
Client ID: G2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 11:20
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/29/24 09:49
Analyst: SZ
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 01:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-18 Date Collected: 06/21/24 11:20

Client ID: G2_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-18 Date Collected: 06/21/24 11:20

Client ID: G2_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	772	J	ug/kg			1
Unknown Amide	395	J	ug/kg			1
Unknown	201	J	ug/kg			1
Unknown Organic Acid	176	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	74		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-22
Client ID: G3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 12:45
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/29/24 08:16
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 01:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	170		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-22 Date Collected: 06/21/24 12:45

Client ID: G3_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	110	J	ug/kg	120	22.	1
Benzo(a)pyrene	100	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	130		ug/kg	120	33.	1
Benzo(k)fluoranthene	36	J	ug/kg	120	31.	1
Chrysene	100	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	63	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	86	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	59	J	ug/kg	160	27.	1
Pyrene	160		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-22 Date Collected: 06/21/24 12:45

Client ID: G3_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
Total TIC Compounds	7330	J	ug/kg			1
Unknown	422	J	ug/kg			1
Unknown Organic Acid	230	J	ug/kg			1
Unknown	232	J	ug/kg			1
Unknown	453	J	ug/kg			1
Unknown	1030	J	ug/kg			1
Unknown Organic Acid	945	J	ug/kg			1
Unknown Organic Acid	529	J	ug/kg			1
Unknown	329	J	ug/kg			1
Unknown	381	J	ug/kg			1
Unknown	466	J	ug/kg			1
Unknown Alkane	438	J	ug/kg			1
Unknown	301	J	ug/kg			1
Unknown Organic Acid	279	J	ug/kg			1
Unknown Organic Acid	546	J	ug/kg			1
Unknown Alkene	745	J	ug/kg			1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-22 Date Collected: 06/21/24 12:45

Client ID: G3_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	59		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-27
Client ID: G4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 13:15
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/29/24 09:03
Analyst: SZ
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 01:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	65	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-27 Date Collected: 06/21/24 13:15

Client ID: G4_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	39	J	ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	43	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	35	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	22	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	42	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	54	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-27 Date Collected: 06/21/24 13:15

Client ID: G4_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1
Tentatively Identified Compounds						
Total TIC Compounds	2670	J	ug/kg			1
Unknown	395	J	ug/kg			1
Unknown	202	J	ug/kg			1
Unknown	174	J	ug/kg			1
Unknown	379	J	ug/kg			1
Unknown Alkane	297	J	ug/kg			1
Unknown Organic Acid	175	J	ug/kg			1
Unknown	432	J	ug/kg			1
Unknown Organic Acid	618	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	70		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-31
Client ID: G6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 13:40
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/29/24 07:06
Analyst: SZ
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 01:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	35	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-31 Date Collected: 06/21/24 13:40

Client ID: G6_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	24	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	26	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	31	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-31 Date Collected: 06/21/24 13:40

Client ID: G6_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1
Tentatively Identified Compounds						
Total TIC Compounds	6250	J	ug/kg			1
Unknown	1200	J	ug/kg			1
Unknown	319	J	ug/kg			1
Unknown Organic Acid	846	J	ug/kg			1
Unknown	217	J	ug/kg			1
Unknown Organic Acid	212	J	ug/kg			1
Unknown Organic Acid	495	J	ug/kg			1
Unknown	157	J	ug/kg			1
Unknown	290	J	ug/kg			1
Unknown	197	J	ug/kg			1
Unknown	255	J	ug/kg			1
Unknown	744	J	ug/kg			1
Unknown	160	J	ug/kg			1
Unknown	726	J	ug/kg			1
Unknown	179	J	ug/kg			1
Unknown	250	J	ug/kg			1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-31 Date Collected: 06/21/24 13:40

Client ID: G6_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	75		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/29/24 00:07
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/28/24 01:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940567-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/29/24 00:07
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/28/24 01:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940567-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/29/24 00:07
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/28/24 01:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940567-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	83		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940567-2 WG1940567-3								
Acenaphthene	82		79		31-137	4		50
1,2,4-Trichlorobenzene	85		77		38-107	10		50
Hexachlorobenzene	77		76		40-140	1		50
Bis(2-chloroethyl)ether	89		82		40-140	8		50
2-Chloronaphthalene	84		80		40-140	5		50
1,2-Dichlorobenzene	83		74		40-140	11		50
1,3-Dichlorobenzene	82		74		40-140	10		50
1,4-Dichlorobenzene	82		74		28-104	10		50
3,3'-Dichlorobenzidine	72		72		40-140	0		50
2,4-Dinitrotoluene	96		93		40-132	3		50
2,6-Dinitrotoluene	98		94		40-140	4		50
Fluoranthene	82		79		40-140	4		50
4-Chlorophenyl phenyl ether	79		77		40-140	3		50
4-Bromophenyl phenyl ether	81		78		40-140	4		50
Bis(2-chloroisopropyl)ether	119		109		40-140	9		50
Bis(2-chloroethoxy)methane	92		87		40-117	6		50
Hexachlorobutadiene	82		77		40-140	6		50
Hexachlorocyclopentadiene	92		88		40-140	4		50
Hexachloroethane	91		81		40-140	12		50
Isophorone	90		85		40-140	6		50
Naphthalene	84		78		40-140	7		50
Nitrobenzene	92		87		40-140	6		50
NDPA/DPA	82		80		36-157	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940567-2 WG1940567-3								
n-Nitrosodi-n-propylamine	92		86		32-121	7		50
Bis(2-ethylhexyl)phthalate	102		100		40-140	2		50
Butyl benzyl phthalate	99		96		40-140	3		50
Di-n-butylphthalate	85		82		40-140	4		50
Di-n-octylphthalate	108		104		40-140	4		50
Diethyl phthalate	81		78		40-140	4		50
Dimethyl phthalate	82		79		40-140	4		50
Benzo(a)anthracene	89		86		40-140	3		50
Benzo(a)pyrene	87		85		40-140	2		50
Benzo(b)fluoranthene	90		86		40-140	5		50
Benzo(k)fluoranthene	83		82		40-140	1		50
Chrysene	87		86		40-140	1		50
Acenaphthylene	80		76		40-140	5		50
Anthracene	83		81		40-140	2		50
Benzo(ghi)perylene	87		83		40-140	5		50
Fluorene	82		80		40-140	2		50
Phenanthrene	82		78		40-140	5		50
Dibenzo(a,h)anthracene	85		83		40-140	2		50
Indeno(1,2,3-cd)pyrene	89		86		40-140	3		50
Pyrene	83		80		35-142	4		50
Biphenyl	84		80		37-127	5		50
4-Chloroaniline	84		78		40-140	7		50
2-Nitroaniline	102		100		47-134	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940567-2 WG1940567-3								
3-Nitroaniline	71		71		26-129	0		50
4-Nitroaniline	88		86		41-125	2		50
Dibenzofuran	78		77		40-140	1		50
2-Methylnaphthalene	87		85		40-140	2		50
1,2,4,5-Tetrachlorobenzene	87		82		40-117	6		50
Acetophenone	92		87		14-144	6		50
2,4,6-Trichlorophenol	94		91		30-130	3		50
p-Chloro-m-cresol	91		88		26-103	3		50
2-Chlorophenol	92		87		25-102	6		50
2,4-Dichlorophenol	91		87		30-130	4		50
2,4-Dimethylphenol	103		97		30-130	6		50
2-Nitrophenol	106		100		30-130	6		50
4-Nitrophenol	112		110		11-114	2		50
2,4-Dinitrophenol	101		99		4-130	2		50
4,6-Dinitro-o-cresol	105		103		10-130	2		50
Pentachlorophenol	75		73		17-109	3		50
Phenol	87		82		26-90	6		50
2-Methylphenol	95		90		30-130.	5		50
3-Methylphenol/4-Methylphenol	102		95		30-130	7		50
2,4,5-Trichlorophenol	93		91		30-130	2		50
Benzoic Acid	101		99		10-110	2		50
Benzyl Alcohol	92		87		40-140	6		50
Carbazole	85		82		54-128	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940567-2 WG1940567-3								
1,4-Dioxane	75		61		40-140	21		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	94		85		25-120
Phenol-d6	90		85		10-120
Nitrobenzene-d5	90		82		23-120
2-Fluorobiphenyl	78		74		30-120
2,4,6-Tribromophenol	74		70		10-136
4-Terphenyl-d14	75		71		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,27,31 QC Batch ID: WG1940567-4 WG1940567-5 QC Sample: L2435399-06 Client ID: F3_0.2-2												
Acenaphthene	ND	1750	1500	86		1400	80		31-137	7		50
1,2,4-Trichlorobenzene	ND	1750	1500	86		1400	80		38-107	7		50
Hexachlorobenzene	ND	1750	1400	80		1300	74		40-140	7		50
Bis(2-chloroethyl)ether	ND	1750	1500	86		1500	86		40-140	0		50
2-Chloronaphthalene	ND	1750	1500	86		1400	80		40-140	7		50
1,2-Dichlorobenzene	ND	1750	1400	80		1400	80		40-140	0		50
1,3-Dichlorobenzene	ND	1750	1400	80		1400	80		40-140	0		50
1,4-Dichlorobenzene	ND	1750	1400	80		1400	80		28-104	0		50
3,3'-Dichlorobenzidine	ND	1750	1200	69		1200	69		40-140	0		50
2,4-Dinitrotoluene	ND	1750	1700	97		1600	92		40-132	6		50
2,6-Dinitrotoluene	ND	1750	1700	97		1600	92		40-140	6		50
Fluoranthene	ND	1750	1500	86		1400	80		40-140	7		50
4-Chlorophenyl phenyl ether	ND	1750	1400	80		1400	80		40-140	0		50
4-Bromophenyl phenyl ether	ND	1750	1400	80		1400	80		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1750	2000	110		2000	110		40-140	0		50
Bis(2-chloroethoxy)methane	ND	1750	1600	92		1600	92		40-117	0		50
Hexachlorobutadiene	ND	1750	1500	86		1400	80		40-140	7		50
Hexachlorocyclopentadiene	ND	1750	1700	97		1500	86		40-140	13		50
Hexachloroethane	ND	1750	1500	86		1500	86		40-140	0		50
Isophorone	ND	1750	1600	92		1500	86		40-140	6		50
Naphthalene	ND	1750	1500	86		1400	80		40-140	7		50
Nitrobenzene	ND	1750	1600	92		1600	92		40-140	0		50
NDPA/DPA	ND	1750	1500	86		1400	80		36-157	7		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,27,31 QC Batch ID: WG1940567-4 WG1940567-5 QC Sample: L2435399-06 Client ID: F3_0.2-2												
n-Nitrosodi-n-propylamine	ND	1750	1600	92		1600	92		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1750	1900	110		1700	97		40-140	11		50
Butyl benzyl phthalate	ND	1750	1800	100		1600	92		40-140	12		50
Di-n-butylphthalate	ND	1750	1500	86		1400	80		40-140	7		50
Di-n-octylphthalate	ND	1750	1900	110		1800	100		40-140	5		50
Diethyl phthalate	ND	1750	1400	80		1400	80		40-140	0		50
Dimethyl phthalate	ND	1750	1400	80		1400	80		40-140	0		50
Benzo(a)anthracene	ND	1750	1600	92		1500	86		40-140	6		50
Benzo(a)pyrene	ND	1750	1500	86		1500	86		40-140	0		50
Benzo(b)fluoranthene	ND	1750	1600	92		1600	92		40-140	0		50
Benzo(k)fluoranthene	ND	1750	1400	80		1400	80		40-140	0		50
Chrysene	ND	1750	1600	92		1600	92		40-140	0		50
Acenaphthylene	ND	1750	1400	80		1400	80		40-140	0		50
Anthracene	ND	1750	1500	86		1400	80		40-140	7		50
Benzo(ghi)perylene	ND	1750	1500	86		1400	80		40-140	7		50
Fluorene	ND	1750	1500	86		1400	80		40-140	7		50
Phenanthrene	ND	1750	1500	86		1400	80		40-140	7		50
Dibenzo(a,h)anthracene	ND	1750	1500	86		1400	80		40-140	7		50
Indeno(1,2,3-cd)pyrene	ND	1750	1500	86		1500	86		40-140	0		50
Pyrene	ND	1750	1500	86		1400	80		35-142	7		50
Biphenyl	ND	1750	1500	86		1400	80		37-127	7		50
4-Chloroaniline	ND	1750	1400	80		1400	80		40-140	0		50
2-Nitroaniline	ND	1750	1800	100		1800	100		47-134	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,27,31 QC Batch ID: WG1940567-4 WG1940567-5 QC Sample: L2435399-06 Client ID: F3_0.2-2												
3-Nitroaniline	ND	1750	1400	80		1400	80		26-129	0		50
4-Nitroaniline	ND	1750	1400	80		1400	80		41-125	0		50
Dibenzofuran	ND	1750	1400	80		1300	74		40-140	7		50
2-Methylnaphthalene	ND	1750	1600	92		1500	86		40-140	6		50
1,2,4,5-Tetrachlorobenzene	ND	1750	1500	86		1500	86		40-117	0		50
Acetophenone	ND	1750	1600	92		1600	92		14-144	0		50
2,4,6-Trichlorophenol	ND	1750	1700	97		1600	92		30-130	6		50
p-Chloro-m-cresol	ND	1750	1600	92		1500	86		26-103	6		50
2-Chlorophenol	ND	1750	1600	92		1600	92		25-102	0		50
2,4-Dichlorophenol	ND	1750	1600	92		1500	86		30-130	6		50
2,4-Dimethylphenol	ND	1750	1800	100		1700	97		30-130	6		50
2-Nitrophenol	ND	1750	1800	100		1900	110		30-130	5		50
4-Nitrophenol	ND	1750	2000	110		1900	110		11-114	5		50
2,4-Dinitrophenol	ND	1750	1100	63		1100	63		4-130	0		50
4,6-Dinitro-o-cresol	ND	1750	1400	80		1300	74		10-130	7		50
Pentachlorophenol	ND	1750	1400	80		1300	74		17-109	7		50
Phenol	ND	1750	1500	86		1500	86		26-90	0		50
2-Methylphenol	ND	1750	1600	92		1600	92		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1750	1700	97		1700	97		30-130	0		50
2,4,5-Trichlorophenol	ND	1750	1700	97		1600	92		30-130	6		50
Benzoic Acid	ND	1750	1300	74		1400	80		10-110	7		50
Benzyl Alcohol	ND	1750	1600	92		1600	92		40-140	0		50
Carbazole	ND	1750	1500	86		1400	80		54-128	7		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,27,31 QC Batch ID: WG1940567-4 WG1940567-5 QC Sample: L2435399-06 Client ID: F3_0.2-2												
1,4-Dioxane	ND	1750	1100	63		1100	63		40-140	0		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	75		71		10-136
2-Fluorobiphenyl	77		75		30-120
2-Fluorophenol	88		87		25-120
4-Terphenyl-d14	72		68		18-120
Nitrobenzene-d5	86		87		23-120
Phenol-d6	87		86		10-120

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-02
Client ID: F4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 08:30
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/29/24 09:54
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 02:43
Cleanup Method: EPA 3665A
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.3	5.09	1	A
Aroclor 1221	ND		ug/kg	57.3	5.74	1	A
Aroclor 1232	ND		ug/kg	57.3	12.1	1	A
Aroclor 1242	ND		ug/kg	57.3	7.72	1	A
Aroclor 1248	ND		ug/kg	57.3	8.59	1	A
Aroclor 1254	ND		ug/kg	57.3	6.27	1	A
Aroclor 1260	ND		ug/kg	57.3	10.6	1	A
Aroclor 1262	ND		ug/kg	57.3	7.28	1	A
Aroclor 1268	ND		ug/kg	57.3	5.94	1	A
PCBs, Total	ND		ug/kg	57.3	5.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-06
Client ID: F3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 09:10
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/28/24 13:38
Analyst: MEO
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 02:43
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	62.3	5.54	1	A
Aroclor 1221	ND		ug/kg	62.3	6.25	1	A
Aroclor 1232	ND		ug/kg	62.3	13.2	1	A
Aroclor 1242	ND		ug/kg	62.3	8.40	1	A
Aroclor 1248	ND		ug/kg	62.3	9.35	1	A
Aroclor 1254	ND		ug/kg	62.3	6.82	1	A
Aroclor 1260	ND		ug/kg	62.3	11.5	1	A
Aroclor 1262	ND		ug/kg	62.3	7.92	1	A
Aroclor 1268	ND		ug/kg	62.3	6.46	1	A
PCBs, Total	ND		ug/kg	62.3	5.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-10 D
Client ID: F2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 09:50
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/29/24 10:54
Analyst: MEO
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 02:43
Cleanup Method: EPA 3665A
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	1040	92.1	20	A
Aroclor 1221	ND		ug/kg	1040	104.	20	A
Aroclor 1232	ND		ug/kg	1040	220.	20	A
Aroclor 1242	ND		ug/kg	1040	140.	20	A
Aroclor 1248	ND		ug/kg	1040	156.	20	A
Aroclor 1254	3690		ug/kg	1040	114.	20	A
Aroclor 1260	ND		ug/kg	1040	192.	20	A
Aroclor 1262	ND		ug/kg	1040	132.	20	A
Aroclor 1268	ND		ug/kg	1040	107.	20	A
PCBs, Total	3690		ug/kg	1040	92.1	20	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-14
Client ID: G1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 10:45
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/29/24 10:09
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 02:43
Cleanup Method: EPA 3665A
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.9	4.70	1	A
Aroclor 1221	ND		ug/kg	52.9	5.30	1	A
Aroclor 1232	ND		ug/kg	52.9	11.2	1	A
Aroclor 1242	ND		ug/kg	52.9	7.14	1	A
Aroclor 1248	ND		ug/kg	52.9	7.94	1	A
Aroclor 1254	ND		ug/kg	52.9	5.79	1	A
Aroclor 1260	ND		ug/kg	52.9	9.78	1	A
Aroclor 1262	ND		ug/kg	52.9	6.72	1	A
Aroclor 1268	ND		ug/kg	52.9	5.48	1	A
PCBs, Total	ND		ug/kg	52.9	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-18
Client ID: G2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 11:20
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/29/24 10:17
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 02:43
Cleanup Method: EPA 3665A
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.8	4.68	1	A
Aroclor 1221	ND		ug/kg	52.8	5.29	1	A
Aroclor 1232	ND		ug/kg	52.8	11.2	1	A
Aroclor 1242	ND		ug/kg	52.8	7.11	1	A
Aroclor 1248	ND		ug/kg	52.8	7.92	1	A
Aroclor 1254	ND		ug/kg	52.8	5.77	1	A
Aroclor 1260	ND		ug/kg	52.8	9.75	1	A
Aroclor 1262	ND		ug/kg	52.8	6.70	1	A
Aroclor 1268	ND		ug/kg	52.8	5.47	1	A
PCBs, Total	ND		ug/kg	52.8	4.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-22
Client ID: G3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 12:45
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/29/24 10:25
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 02:43
Cleanup Method: EPA 3665A
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.4	5.18	1	A
Aroclor 1221	ND		ug/kg	58.4	5.85	1	A
Aroclor 1232	ND		ug/kg	58.4	12.4	1	A
Aroclor 1242	ND		ug/kg	58.4	7.87	1	A
Aroclor 1248	ND		ug/kg	58.4	8.76	1	A
Aroclor 1254	ND		ug/kg	58.4	6.38	1	A
Aroclor 1260	ND		ug/kg	58.4	10.8	1	A
Aroclor 1262	ND		ug/kg	58.4	7.41	1	A
Aroclor 1268	ND		ug/kg	58.4	6.05	1	A
PCBs, Total	ND		ug/kg	58.4	5.18	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-27
Client ID: G4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 13:15
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/29/24 10:33
Analyst: MEO
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 02:43
Cleanup Method: EPA 3665A
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.2	4.54	1	A
Aroclor 1221	ND		ug/kg	51.2	5.13	1	A
Aroclor 1232	ND		ug/kg	51.2	10.8	1	A
Aroclor 1242	ND		ug/kg	51.2	6.90	1	A
Aroclor 1248	ND		ug/kg	51.2	7.67	1	A
Aroclor 1254	ND		ug/kg	51.2	5.60	1	A
Aroclor 1260	ND		ug/kg	51.2	9.45	1	A
Aroclor 1262	ND		ug/kg	51.2	6.50	1	A
Aroclor 1268	ND		ug/kg	51.2	5.30	1	A
PCBs, Total	ND		ug/kg	51.2	4.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-31
Client ID: G6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 13:40
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/29/24 10:41
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 02:43
Cleanup Method: EPA 3665A
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.5	4.84	1	A
Aroclor 1221	ND		ug/kg	54.5	5.46	1	A
Aroclor 1232	ND		ug/kg	54.5	11.5	1	A
Aroclor 1242	ND		ug/kg	54.5	7.34	1	A
Aroclor 1248	ND		ug/kg	54.5	8.17	1	A
Aroclor 1254	ND		ug/kg	54.5	5.96	1	A
Aroclor 1260	ND		ug/kg	54.5	10.1	1	A
Aroclor 1262	ND		ug/kg	54.5	6.92	1	A
Aroclor 1268	ND		ug/kg	54.5	5.64	1	A
PCBs, Total	ND		ug/kg	54.5	4.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/28/24 13:14
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/28/24 02:43
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940597-1						
Aroclor 1016	ND		ug/kg	46.2	4.10	A
Aroclor 1221	ND		ug/kg	46.2	4.63	A
Aroclor 1232	ND		ug/kg	46.2	9.80	A
Aroclor 1242	ND		ug/kg	46.2	6.23	A
Aroclor 1248	ND		ug/kg	46.2	6.93	A
Aroclor 1254	ND		ug/kg	46.2	5.06	A
Aroclor 1260	ND		ug/kg	46.2	8.54	A
Aroclor 1262	ND		ug/kg	46.2	5.87	A
Aroclor 1268	ND		ug/kg	46.2	4.79	A
PCBs, Total	ND		ug/kg	46.2	4.10	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	77		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,27,31 Batch: WG1940597-2 WG1940597-3									
Aroclor 1016	70		75		40-140	7		50	A
Aroclor 1260	75		80		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		68		30-150	A
Decachlorobiphenyl	73		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		71		30-150	B
Decachlorobiphenyl	75		78		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,27,31 QC Batch ID: WG1940597-4 WG1940597-5 QC Sample: L2435399-06 Client ID: F3_0.2-2													
Aroclor 1016	ND	400	257	64		283	71		40-140	10		50	A
Aroclor 1260	ND	400	288	72		337	85		40-140	16		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		55		30-150	A
Decachlorobiphenyl	67		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		58		30-150	B
Decachlorobiphenyl	70		78		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-01
Client ID: F4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 08:25
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/29/24 12:24
Analyst: AKM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.379	1	A
Lindane	ND		ug/kg	0.806	0.360	1	A
Alpha-BHC	ND		ug/kg	0.806	0.229	1	A
Beta-BHC	ND		ug/kg	1.93	0.733	1	A
Heptachlor	ND		ug/kg	0.967	0.433	1	A
Aldrin	ND		ug/kg	1.93	0.681	1	A
Heptachlor epoxide	1.25	JIP	ug/kg	3.62	1.09	1	B
Endrin	ND		ug/kg	0.806	0.330	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.846	1	A
Endrin ketone	ND		ug/kg	1.93	0.498	1	A
Dieldrin	2.42		ug/kg	1.21	0.604	1	A
4,4'-DDE	108		ug/kg	1.93	0.447	1	A
4,4'-DDD	ND		ug/kg	1.93	0.690	1	A
4,4'-DDT	26.1		ug/kg	1.93	1.56	1	A
Endosulfan I	ND		ug/kg	1.93	0.457	1	A
Endosulfan II	ND		ug/kg	1.93	0.646	1	A
Endosulfan sulfate	ND		ug/kg	0.806	0.384	1	A
Methoxychlor	ND		ug/kg	3.62	1.13	1	A
Toxaphene	ND		ug/kg	36.2	10.2	1	A
cis-Chlordane	3.14	IP	ug/kg	2.42	0.674	1	B
trans-Chlordane	1.74	JIP	ug/kg	2.42	0.638	1	A
Chlordane	ND		ug/kg	16.1	6.40	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-01 Date Collected: 06/21/24 08:25

Client ID: F4_0-0.2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-01
Client ID: F4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 08:25
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 13:31
Analyst: EJL
Percent Solids: 82%
Methylation Date: 06/28/24 09:15
Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	202	12.8	1	A
2,4,5-T	ND		ug/kg	202	6.28	1	A
2,4,5-TP (Silvex)	ND		ug/kg	202	5.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	93		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-02
Client ID: F4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 08:30
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/29/24 12:37
Analyst: AKM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.363	1	A
Lindane	ND		ug/kg	0.773	0.346	1	A
Alpha-BHC	ND		ug/kg	0.773	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.704	1	A
Heptachlor	ND		ug/kg	0.928	0.416	1	A
Aldrin	ND		ug/kg	1.86	0.654	1	A
Heptachlor epoxide	ND		ug/kg	3.48	1.04	1	A
Endrin	ND		ug/kg	0.773	0.317	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.812	1	A
Endrin ketone	ND		ug/kg	1.86	0.478	1	A
Dieldrin	ND		ug/kg	1.16	0.580	1	A
4,4'-DDE	7.31		ug/kg	1.86	0.429	1	A
4,4'-DDD	ND		ug/kg	1.86	0.662	1	A
4,4'-DDT	3.11		ug/kg	1.86	1.49	1	B
Endosulfan I	ND		ug/kg	1.86	0.438	1	A
Endosulfan II	ND		ug/kg	1.86	0.620	1	A
Endosulfan sulfate	ND		ug/kg	0.773	0.368	1	A
Methoxychlor	ND		ug/kg	3.48	1.08	1	A
Toxaphene	ND		ug/kg	34.8	9.74	1	A
cis-Chlordane	0.839	JIP	ug/kg	2.32	0.646	1	B
trans-Chlordane	ND	IP	ug/kg	2.32	0.612	1	B
Chlordane	ND		ug/kg	15.5	6.15	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-02 Date Collected: 06/21/24 08:30

Client ID: F4_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-02
Client ID: F4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 08:30
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 13:50
Analyst: EJL
Percent Solids: 85%
Methylation Date: 06/28/24 09:15

Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.96	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	106		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-05
Client ID: F3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 09:05
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/29/24 12:49
Analyst: AKM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.743	0.332	1	A
Alpha-BHC	ND		ug/kg	0.743	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.676	1	A
Heptachlor	ND		ug/kg	0.891	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.628	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.743	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.780	1	A
Endrin ketone	ND		ug/kg	1.78	0.459	1	A
Dieldrin	ND		ug/kg	1.11	0.557	1	A
4,4'-DDE	ND		ug/kg	1.78	0.412	1	A
4,4'-DDD	ND		ug/kg	1.78	0.636	1	A
4,4'-DDT	ND		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	ND		ug/kg	1.78	0.596	1	A
Endosulfan sulfate	ND		ug/kg	0.743	0.354	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.36	1	A
cis-Chlordane	ND		ug/kg	2.23	0.621	1	A
trans-Chlordane	ND		ug/kg	2.23	0.588	1	A
Chlordane	ND		ug/kg	14.8	5.90	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-05 Date Collected: 06/21/24 09:05

Client ID: F3_0-0.2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-05
Client ID: F3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 09:05
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 14:08
Analyst: EJL
Percent Solids: 88%
Methylation Date: 06/28/24 09:15

Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	189	11.9	1	A
2,4,5-T	ND		ug/kg	189	5.85	1	A
2,4,5-TP (Silvex)	ND		ug/kg	189	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	105		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-06
Client ID: F3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 09:10
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/29/24 13:02
Analyst: AKM
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.07	0.406	1	A
Lindane	ND		ug/kg	0.863	0.386	1	A
Alpha-BHC	ND		ug/kg	0.863	0.245	1	A
Beta-BHC	ND		ug/kg	2.07	0.786	1	A
Heptachlor	ND		ug/kg	1.04	0.464	1	A
Aldrin	ND		ug/kg	2.07	0.730	1	A
Heptachlor epoxide	ND		ug/kg	3.88	1.16	1	A
Endrin	ND		ug/kg	0.863	0.354	1	A
Endrin aldehyde	ND		ug/kg	2.59	0.906	1	A
Endrin ketone	ND		ug/kg	2.07	0.534	1	A
Dieldrin	ND		ug/kg	1.30	0.648	1	A
4,4'-DDE	12.9		ug/kg	2.07	0.479	1	A
4,4'-DDD	3.60		ug/kg	2.07	0.739	1	A
4,4'-DDT	1.78	J	ug/kg	2.07	1.67	1	B
Endosulfan I	ND		ug/kg	2.07	0.490	1	A
Endosulfan II	ND		ug/kg	2.07	0.692	1	A
Endosulfan sulfate	ND		ug/kg	0.863	0.411	1	A
Methoxychlor	ND		ug/kg	3.88	1.21	1	A
Toxaphene	ND		ug/kg	38.8	10.9	1	A
cis-Chlordane	ND		ug/kg	2.59	0.722	1	A
trans-Chlordane	ND		ug/kg	2.59	0.684	1	A
Chlordane	ND		ug/kg	17.3	6.86	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-06 Date Collected: 06/21/24 09:10

Client ID: F3_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-06
Client ID: F3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 09:10
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 12:18
Analyst: EJL
Percent Solids: 76%
Methylation Date: 06/28/24 09:15

Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	219	13.8	1	A
2,4,5-T	ND		ug/kg	219	6.78	1	A
2,4,5-TP (Silvex)	ND		ug/kg	219	5.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	110		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-09
Client ID: F2_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 09:45
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 08:58
Analyst: MMG
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.320	1	A
Lindane	ND		ug/kg	0.681	0.305	1	A
Alpha-BHC	ND		ug/kg	0.681	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.620	1	A
Heptachlor	ND		ug/kg	0.818	0.367	1	A
Aldrin	ND		ug/kg	1.64	0.576	1	A
Heptachlor epoxide	ND		ug/kg	3.07	0.920	1	A
Endrin	ND		ug/kg	0.681	0.279	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.716	1	A
Endrin ketone	ND		ug/kg	1.64	0.421	1	A
Dieldrin	ND		ug/kg	1.02	0.511	1	A
4,4'-DDE	ND		ug/kg	1.64	0.378	1	A
4,4'-DDD	ND		ug/kg	1.64	0.583	1	A
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.386	1	A
Endosulfan II	ND		ug/kg	1.64	0.546	1	A
Endosulfan sulfate	ND		ug/kg	0.681	0.324	1	A
Methoxychlor	ND		ug/kg	3.07	0.954	1	A
Toxaphene	ND		ug/kg	30.7	8.59	1	A
cis-Chlordane	12.4		ug/kg	2.04	0.570	1	B
trans-Chlordane	ND		ug/kg	2.04	0.540	1	A
Chlordane	ND		ug/kg	13.6	5.42	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-09 Date Collected: 06/21/24 09:45

Client ID: F2_0-0.2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-09
Client ID: F2_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 09:45
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 14:26
Analyst: EJL
Percent Solids: 97%
Methylation Date: 06/28/24 09:15

Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	169	10.6	1	A
2,4,5-T	ND		ug/kg	169	5.23	1	A
2,4,5-TP (Silvex)	ND		ug/kg	169	4.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	73		30-150	A
DCAA	120		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-10
Client ID: F2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 09:50
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 15:16
Analyst: MMG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.323	1	A
Lindane	ND		ug/kg	0.687	0.307	1	A
Alpha-BHC	ND		ug/kg	0.687	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.625	1	A
Heptachlor	ND		ug/kg	0.824	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.580	1	A
Heptachlor epoxide	ND		ug/kg	3.09	0.927	1	A
Endrin	ND		ug/kg	0.687	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.721	1	A
Endrin ketone	ND		ug/kg	1.65	0.424	1	A
Dieldrin	ND		ug/kg	1.03	0.515	1	A
4,4'-DDE	ND		ug/kg	1.65	0.381	1	A
4,4'-DDD	ND		ug/kg	1.65	0.588	1	A
4,4'-DDT	ND		ug/kg	1.65	1.32	1	A
Endosulfan I	ND		ug/kg	1.65	0.389	1	A
Endosulfan II	ND		ug/kg	1.65	0.551	1	A
Endosulfan sulfate	ND		ug/kg	0.687	0.327	1	A
Methoxychlor	ND		ug/kg	3.09	0.962	1	A
Toxaphene	ND		ug/kg	30.9	8.66	1	A
cis-Chlordane	7.86		ug/kg	2.06	0.574	1	B
trans-Chlordane	ND		ug/kg	2.06	0.544	1	A
Chlordane	ND		ug/kg	13.7	5.46	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-10 Date Collected: 06/21/24 09:50

Client ID: F2_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	33		30-150	A
Decachlorobiphenyl	**22**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	40		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-10
Client ID: F2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 09:50
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 14:45
Analyst: EJL
Percent Solids: 96%
Methylation Date: 06/28/24 09:15

Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	169	10.6	1	A
2,4,5-T	ND		ug/kg	169	5.24	1	A
2,4,5-TP (Silvex)	ND		ug/kg	169	4.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	105		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-13
Client ID: G1_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 10:40
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 09:22
Analyst: MMG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.328	1	A
Lindane	ND		ug/kg	0.698	0.312	1	A
Alpha-BHC	ND		ug/kg	0.698	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.635	1	A
Heptachlor	ND		ug/kg	0.838	0.375	1	A
Aldrin	ND		ug/kg	1.68	0.590	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.942	1	A
Endrin	ND		ug/kg	0.698	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.733	1	A
Endrin ketone	ND		ug/kg	1.68	0.431	1	A
Dieldrin	ND		ug/kg	1.05	0.523	1	A
4,4'-DDE	ND		ug/kg	1.68	0.387	1	A
4,4'-DDD	ND		ug/kg	1.68	0.597	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.698	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.977	1	A
Toxaphene	ND		ug/kg	31.4	8.79	1	A
cis-Chlordane	ND		ug/kg	2.09	0.583	1	A
trans-Chlordane	ND		ug/kg	2.09	0.553	1	A
Chlordane	ND		ug/kg	14.0	5.55	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-13 Date Collected: 06/21/24 10:40

Client ID: G1_0-0.2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	33		30-150	A
Decachlorobiphenyl	**22**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		30-150	B
Decachlorobiphenyl	35		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-13
Client ID: G1_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 10:40
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 15:03
Analyst: EJL
Percent Solids: 95%
Methylation Date: 06/28/24 09:15

Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	173	10.9	1	A
2,4,5-T	ND		ug/kg	173	5.36	1	A
2,4,5-TP (Silvex)	ND		ug/kg	173	4.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	96		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-14
Client ID: G1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 10:45
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 09:34
Analyst: MMG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.708	0.316	1	A
Alpha-BHC	ND		ug/kg	0.708	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	ND		ug/kg	0.850	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.956	1	A
Endrin	ND		ug/kg	0.708	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.743	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.606	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.708	0.337	1	A
Methoxychlor	ND		ug/kg	3.18	0.991	1	A
Toxaphene	ND		ug/kg	31.8	8.92	1	A
cis-Chlordane	ND		ug/kg	2.12	0.592	1	A
trans-Chlordane	ND		ug/kg	2.12	0.561	1	A
Chlordane	ND		ug/kg	14.2	5.63	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-14 Date Collected: 06/21/24 10:45

Client ID: G1_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	**28**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-14
Client ID: G1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 10:45
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 15:21
Analyst: EJL
Percent Solids: 89%
Methylation Date: 06/28/24 09:15
Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	186	11.8	1	A
2,4,5-T	ND		ug/kg	186	5.78	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	111		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-17
Client ID: G2_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 11:15
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 09:46
Analyst: MMG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.717	0.321	1	A
Alpha-BHC	ND		ug/kg	0.717	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.653	1	A
Heptachlor	ND		ug/kg	0.861	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.606	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.968	1	A
Endrin	ND		ug/kg	0.717	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.753	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	ND		ug/kg	1.08	0.538	1	A
4,4'-DDE	0.619	J	ug/kg	1.72	0.398	1	B
4,4'-DDD	ND		ug/kg	1.72	0.614	1	B
4,4'-DDT	ND		ug/kg	1.72	1.38	1	B
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.575	1	A
Endosulfan sulfate	ND		ug/kg	0.717	0.341	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.04	1	A
cis-Chlordane	ND		ug/kg	2.15	0.600	1	A
trans-Chlordane	ND		ug/kg	2.15	0.568	1	A
Chlordane	ND		ug/kg	14.3	5.70	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-17 Date Collected: 06/21/24 11:15

Client ID: G2_0-0.2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-17
Client ID: G2_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 11:15
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 16:17
Analyst: AKM
Percent Solids: 91%
Methylation Date: 06/28/24 09:15
Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	182	11.4	1	B
2,4,5-T	ND		ug/kg	182	5.63	1	B
2,4,5-TP (Silvex)	ND		ug/kg	182	4.83	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	111		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-18
Client ID: G2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 11:20
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 09:58
Analyst: MMG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.324	1	A
Lindane	ND		ug/kg	0.690	0.308	1	A
Alpha-BHC	ND		ug/kg	0.690	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.628	1	A
Heptachlor	ND		ug/kg	0.828	0.371	1	A
Aldrin	ND		ug/kg	1.66	0.583	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.932	1	A
Endrin	ND		ug/kg	0.690	0.283	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.725	1	A
Endrin ketone	ND		ug/kg	1.66	0.427	1	A
Dieldrin	ND		ug/kg	1.04	0.518	1	A
4,4'-DDE	0.786	J	ug/kg	1.66	0.383	1	B
4,4'-DDD	ND		ug/kg	1.66	0.591	1	A
4,4'-DDT	2.56		ug/kg	1.66	1.33	1	B
Endosulfan I	ND		ug/kg	1.66	0.391	1	A
Endosulfan II	ND		ug/kg	1.66	0.554	1	A
Endosulfan sulfate	ND		ug/kg	0.690	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.966	1	A
Toxaphene	ND		ug/kg	31.1	8.70	1	A
cis-Chlordane	ND		ug/kg	2.07	0.577	1	A
trans-Chlordane	ND		ug/kg	2.07	0.547	1	A
Chlordane	ND		ug/kg	13.8	5.49	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-18 Date Collected: 06/21/24 11:20

Client ID: G2_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-18
Client ID: G2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 11:20
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 16:35
Analyst: AKM
Percent Solids: 94%
Methylation Date: 06/28/24 09:15

Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	175	11.0	1	B
2,4,5-T	ND		ug/kg	175	5.43	1	B
2,4,5-TP (Silvex)	ND		ug/kg	175	4.66	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	114		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-21
Client ID: G3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 12:40
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 10:10
Analyst: MMG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.381	1	A
Lindane	ND		ug/kg	0.810	0.362	1	A
Alpha-BHC	ND		ug/kg	0.810	0.230	1	A
Beta-BHC	ND		ug/kg	1.94	0.737	1	A
Heptachlor	ND		ug/kg	0.972	0.436	1	A
Aldrin	ND		ug/kg	1.94	0.685	1	A
Heptachlor epoxide	ND		ug/kg	3.65	1.09	1	A
Endrin	ND		ug/kg	0.810	0.332	1	A
Endrin aldehyde	ND		ug/kg	2.43	0.851	1	A
Endrin ketone	ND		ug/kg	1.94	0.501	1	A
Dieldrin	ND		ug/kg	1.22	0.608	1	A
4,4'-DDD	5.56		ug/kg	1.94	0.694	1	B
Endosulfan I	ND		ug/kg	1.94	0.459	1	A
Endosulfan II	ND		ug/kg	1.94	0.650	1	A
Endosulfan sulfate	ND		ug/kg	0.810	0.386	1	A
Methoxychlor	ND		ug/kg	3.65	1.13	1	A
Toxaphene	ND		ug/kg	36.5	10.2	1	A
cis-Chlordane	ND		ug/kg	2.43	0.677	1	A
trans-Chlordane	ND		ug/kg	2.43	0.642	1	A
Chlordane	ND		ug/kg	16.2	6.44	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-21
Client ID: G3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 12:40
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 16:53
Analyst: AKM
Percent Solids: 81%
Methylation Date: 06/28/24 09:15

Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	200	12.6	1	B
2,4,5-T	ND		ug/kg	200	6.20	1	B
2,4,5-TP (Silvex)	ND		ug/kg	200	5.32	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	122		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-21 D
Client ID: G3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 12:40
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 13:09
Analyst: MMG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	1160		ug/kg	9.72	2.25	5	B
4,4'-DDT	929		ug/kg	9.72	7.82	5	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-22
Client ID: G3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 12:45
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 10:22
Analyst: MMG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.770	0.344	1	A
Alpha-BHC	ND		ug/kg	0.770	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.924	0.414	1	A
Aldrin	ND		ug/kg	1.85	0.651	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.770	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.809	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	ND		ug/kg	1.16	0.578	1	A
4,4'-DDD	1.52	JIP	ug/kg	1.85	0.659	1	A
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.770	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.71	1	A
cis-Chlordane	ND		ug/kg	2.31	0.644	1	A
trans-Chlordane	ND		ug/kg	2.31	0.610	1	A
Chlordane	ND		ug/kg	15.4	6.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-22
Client ID: G3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 12:45
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 17:12
Analyst: AKM
Percent Solids: 85%
Methylation Date: 06/28/24 09:15

Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	B
2,4,5-T	ND		ug/kg	192	5.95	1	B
2,4,5-TP (Silvex)	ND		ug/kg	192	5.11	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	**22**	Q	30-150	A
DCAA	30		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-22 D
Client ID: G3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 12:45
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 13:21
Analyst: MMG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	710		ug/kg	9.24	2.14	5	B
4,4'-DDT	422		ug/kg	9.24	7.43	5	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-25
Client ID: FB_06212024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 13:00
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/30/24 13:18
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 06/28/24 11:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-25 Date Collected: 06/21/24 13:00

Client ID: FB_06212024 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-25
Client ID: FB_06212024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 13:00
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/25/24 03:47
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 06/23/24 17:45

Methylation Date: 06/24/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	72		30-150	A
DCAA	65		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-26
Client ID: G4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 13:10
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 10:34
Analyst: MMG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.722	0.323	1	A
Alpha-BHC	ND		ug/kg	0.722	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.657	1	A
Heptachlor	ND		ug/kg	0.866	0.388	1	A
Aldrin	ND		ug/kg	1.73	0.610	1	A
Heptachlor epoxide	3.97		ug/kg	3.25	0.975	1	A
Endrin	ND		ug/kg	0.722	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.758	1	A
Endrin ketone	ND		ug/kg	1.73	0.446	1	A
Dieldrin	5.63		ug/kg	1.08	0.542	1	B
4,4'-DDE	14.0		ug/kg	1.73	0.401	1	B
4,4'-DDD	ND		ug/kg	1.73	0.618	1	A
4,4'-DDT	3.22		ug/kg	1.73	1.39	1	B
Endosulfan I	ND		ug/kg	1.73	0.409	1	A
Endosulfan II	ND		ug/kg	1.73	0.579	1	A
Endosulfan sulfate	ND		ug/kg	0.722	0.344	1	A
Methoxychlor	ND		ug/kg	3.25	1.01	1	A
Toxaphene	ND		ug/kg	32.5	9.10	1	A
cis-Chlordane	5.79	IP	ug/kg	2.17	0.604	1	B
trans-Chlordane	3.99		ug/kg	2.17	0.572	1	B
Chlordane	15.4		ug/kg	14.4	5.74	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-26 Date Collected: 06/21/24 13:10

Client ID: G4_0-0.2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	31		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-26
Client ID: G4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 13:10
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 17:30
Analyst: AKM
Percent Solids: 92%
Methylation Date: 06/28/24 09:15
Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	181	11.4	1	B
2,4,5-T	ND		ug/kg	181	5.60	1	B
2,4,5-TP (Silvex)	ND		ug/kg	181	4.81	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	110		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-27
Client ID: G4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 13:15
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 10:46
Analyst: MMG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.686	0.306	1	A
Alpha-BHC	ND		ug/kg	0.686	0.195	1	A
Beta-BHC	ND		ug/kg	1.64	0.624	1	A
Heptachlor	ND		ug/kg	0.823	0.369	1	A
Aldrin	ND		ug/kg	1.64	0.579	1	A
Heptachlor epoxide	3.79		ug/kg	3.08	0.926	1	A
Endrin	ND		ug/kg	0.686	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.720	1	A
Endrin ketone	ND		ug/kg	1.64	0.424	1	A
Dieldrin	5.68		ug/kg	1.03	0.514	1	B
4,4'-DDE	13.5		ug/kg	1.64	0.380	1	B
4,4'-DDD	ND		ug/kg	1.64	0.587	1	A
4,4'-DDT	2.81		ug/kg	1.64	1.32	1	B
Endosulfan I	ND		ug/kg	1.64	0.389	1	A
Endosulfan II	ND		ug/kg	1.64	0.550	1	A
Endosulfan sulfate	ND		ug/kg	0.686	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.960	1	A
Toxaphene	ND		ug/kg	30.8	8.64	1	A
cis-Chlordane	5.74	IP	ug/kg	2.06	0.573	1	B
trans-Chlordane	4.33		ug/kg	2.06	0.543	1	B
Chlordane	17.4		ug/kg	13.7	5.45	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-27 Date Collected: 06/21/24 13:15

Client ID: G4_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-27
Client ID: G4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 13:15
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 17:48
Analyst: AKM
Percent Solids: 96%
Methylation Date: 06/28/24 09:15
Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	170	10.7	1	B
2,4,5-T	ND		ug/kg	170	5.28	1	B
2,4,5-TP (Silvex)	ND		ug/kg	170	4.53	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	111		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-30
Client ID: G6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 13:35
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 10:58
Analyst: MMG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.98	0.387	1	A
Lindane	ND		ug/kg	0.824	0.368	1	A
Alpha-BHC	ND		ug/kg	0.824	0.234	1	A
Beta-BHC	ND		ug/kg	1.98	0.749	1	A
Heptachlor	ND		ug/kg	0.988	0.443	1	A
Aldrin	ND		ug/kg	1.98	0.696	1	A
Heptachlor epoxide	2.82	J	ug/kg	3.71	1.11	1	A
Endrin	ND		ug/kg	0.824	0.338	1	A
Endrin aldehyde	ND		ug/kg	2.47	0.865	1	A
Endrin ketone	ND		ug/kg	1.98	0.509	1	A
Dieldrin	14.9		ug/kg	1.24	0.618	1	B
4,4'-DDE	326		ug/kg	1.98	0.457	1	B
4,4'-DDD	ND		ug/kg	1.98	0.705	1	A
4,4'-DDT	63.1		ug/kg	1.98	1.59	1	B
Endosulfan I	ND		ug/kg	1.98	0.467	1	A
Endosulfan II	ND		ug/kg	1.98	0.660	1	A
Endosulfan sulfate	ND		ug/kg	0.824	0.392	1	A
Methoxychlor	ND		ug/kg	3.71	1.15	1	A
Toxaphene	ND		ug/kg	37.1	10.4	1	A
cis-Chlordane	ND		ug/kg	2.47	0.688	1	A
trans-Chlordane	ND		ug/kg	2.47	0.652	1	A
Chlordane	ND		ug/kg	16.5	6.55	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-30 Date Collected: 06/21/24 13:35

Client ID: G6_0-0.2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-30
Client ID: G6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 13:35
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 18:07
Analyst: AKM
Percent Solids: 80%
Methylation Date: 06/28/24 09:15

Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	207	13.0	1	B
2,4,5-T	ND		ug/kg	207	6.42	1	B
2,4,5-TP (Silvex)	ND		ug/kg	207	5.51	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	101		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-31
Client ID: G6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 13:40
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 11:10
Analyst: MMG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.755	0.337	1	A
Alpha-BHC	ND		ug/kg	0.755	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.687	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	1.90	J	ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.755	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.792	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	10.0		ug/kg	1.13	0.566	1	B
4,4'-DDE	215		ug/kg	1.81	0.419	1	B
4,4'-DDD	ND		ug/kg	1.81	0.646	1	A
4,4'-DDT	43.7		ug/kg	1.81	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.605	1	A
Endosulfan sulfate	ND		ug/kg	0.755	0.359	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.51	1	A
cis-Chlordane	ND		ug/kg	2.26	0.631	1	A
trans-Chlordane	ND		ug/kg	2.26	0.598	1	A
Chlordane	ND		ug/kg	15.1	6.00	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-31 Date Collected: 06/21/24 13:40

Client ID: G6_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-31
Client ID: G6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 13:40
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/24 18:25
Analyst: AKM
Percent Solids: 87%
Methylation Date: 06/28/24 09:15

Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	187	11.8	1	B
2,4,5-T	ND		ug/kg	187	5.80	1	B
2,4,5-TP (Silvex)	ND		ug/kg	187	4.98	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	100		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/24/24 12:55
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/23/24 17:34

Methylation Date: 06/24/24 11:02

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 25 Batch: WG1938239-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	105		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/28/24 11:23
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/27/24 00:41

Methylation Date: 06/28/24 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 Batch: WG1939982-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.01	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	104		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/29/24 11:22
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 Batch: WG1940553-1						
Delta-BHC	ND	IP	ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.650	0.291	A
Alpha-BHC	ND	IP	ug/kg	0.650	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.592	A
Heptachlor	ND		ug/kg	0.780	0.350	A
Aldrin	ND		ug/kg	1.56	0.549	A
Heptachlor epoxide	ND		ug/kg	2.92	0.878	A
Endrin	ND		ug/kg	0.650	0.266	A
Endrin aldehyde	ND		ug/kg	1.95	0.683	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.975	0.488	A
4,4'-DDD	ND		ug/kg	1.56	0.556	A
Endosulfan II	ND		ug/kg	1.56	0.521	A
Endosulfan sulfate	ND		ug/kg	0.650	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.910	A
Toxaphene	ND		ug/kg	29.2	8.19	A
Chlordane	ND		ug/kg	13.0	5.17	A
4,4'-DDE	ND		ug/kg	1.56	0.361	B
4,4'-DDT	ND		ug/kg	1.56	1.25	B
Endosulfan I	ND		ug/kg	1.56	0.369	B
cis-Chlordane	ND		ug/kg	1.95	0.544	B
trans-Chlordane	ND	IP	ug/kg	1.95	0.515	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/29/24 11:22
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 Batch: WG1940553-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/30/24 12:28
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 06/28/24 11:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 25 Batch: WG1940827-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/30/24 12:28
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 06/28/24 11:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 25 Batch: WG1940827-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	71		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 25 Batch: WG1938239-2 WG1938239-3									
2,4-D	96		93		30-150	3		25	A
2,4,5-T	116		112		30-150	4		25	A
2,4,5-TP (Silvex)	105		102		30-150	3		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	106		104		30-150	A
DCAA	120		118		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 Batch: WG1939982-2 WG1939982-3									
2,4-D	89		93		30-150	4		30	A
2,4,5-T	91		92		30-150	1		30	A
2,4,5-TP (Silvex)	68		69		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	73		83		30-150	A
DCAA	100		105		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 Batch: WG1940553-2 WG1940553-3									
Delta-BHC	38		60		30-150	**45**	Q	30	A
Lindane	36		57		30-150	**45**	Q	30	A
Alpha-BHC	37		60		30-150	**47**	Q	30	A
Beta-BHC	38		57		30-150	**40**	Q	30	A
Heptachlor	36		57		30-150	**45**	Q	30	A
Aldrin	37		59		30-150	**46**	Q	30	A
Heptachlor epoxide	37		58		30-150	**44**	Q	30	A
Endrin	41		67		30-150	**48**	Q	30	A
Endrin aldehyde	38		60		30-150	**45**	Q	30	A
Endrin ketone	41		64		30-150	**44**	Q	30	A
Dieldrin	44		70		30-150	**46**	Q	30	A
4,4'-DDE	40		65		30-150	**48**	Q	30	A
4,4'-DDD	44		70		30-150	**46**	Q	30	A
4,4'-DDT	43		67		30-150	**44**	Q	30	A
Endosulfan I	39		62		30-150	**46**	Q	30	A
Endosulfan II	42		65		30-150	**43**	Q	30	A
Endosulfan sulfate	43		67		30-150	**44**	Q	30	A
Methoxychlor	48		74		30-150	**43**	Q	30	A
cis-Chlordane	38		60		30-150	**45**	Q	30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 Batch: WG1940553-2 WG1940553-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	34		53		30-150	A
Decachlorobiphenyl	35		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	36		56		30-150	B
Decachlorobiphenyl	44		69		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 Batch: WG1940553-2 WG1940553-3									
trans-Chlordane	43		68		30-150	**45**	Q	30	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	34		53		30-150	A
Decachlorobiphenyl	35		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	36		56		30-150	B
Decachlorobiphenyl	44		69		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 25 Batch: WG1940827-2 WG1940827-3									
Delta-BHC	65		60		30-150	8		20	A
Lindane	68		61		30-150	10		20	A
Alpha-BHC	71		64		30-150	10		20	A
Beta-BHC	68		61		30-150	10		20	A
Heptachlor	67		61		30-150	9		20	A
Aldrin	68		62		30-150	10		20	A
Heptachlor epoxide	70		64		30-150	9		20	A
Endrin	74		68		30-150	9		20	A
Endrin aldehyde	60		55		30-150	8		20	A
Endrin ketone	71		67		30-150	5		20	A
Dieldrin	79		73		30-150	9		20	A
4,4'-DDE	73		66		30-150	10		20	A
4,4'-DDD	80		75		30-150	7		20	A
4,4'-DDT	75		69		30-150	8		20	A
Endosulfan I	70		64		30-150	10		20	A
Endosulfan II	75		69		30-150	7		20	A
Endosulfan sulfate	75		70		30-150	6		20	A
Methoxychlor	85		78		30-150	8		20	A
cis-Chlordane	68		62		30-150	9		20	A
trans-Chlordane	79		72		30-150	9		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 25 Batch: WG1940827-2 WG1940827-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		54		30-150	A
Decachlorobiphenyl	64		59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		55		30-150	B
Decachlorobiphenyl	71		67		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 QC Batch ID: WG1939982-4 WG1939982-5 QC Sample: L2435399-06 Client ID: F3_0.2-2													
2,4-D	ND	215	240	111		207J	95		30-150	15		30	A
2,4,5-T	ND	215	257	119		224	103		30-150	14		30	A
2,4,5-TP (Silvex)	ND	215	181J	84		158J	73		30-150	14		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	99		84		30-150	A
DCAA	119		100		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 QC Batch ID: WG1940553-4 WG1940553-5 QC Sample: L2435399-06 Client ID: F3_0.2-2													
Delta-BHC	ND	42.5	46.9	110		46.0	105		30-150	2		50	A
Lindane	ND	42.5	32.4	76		31.8	73		30-150	2		50	A
Alpha-BHC	ND	42.5	33.8	80		34.1	78		30-150	1		50	A
Beta-BHC	ND	42.5	31.7	75		30.5	70		30-150	4		50	A
Heptachlor	ND	42.5	31.4	74		31.4	72		30-150	0		50	A
Aldrin	ND	42.5	33.5	79		32.2	74		30-150	4		50	A
Heptachlor epoxide	ND	42.5	32.8	77		32.0	73		30-150	2		50	A
Endrin	ND	42.5	36.8	87		35.1	81		30-150	5		50	A
Endrin aldehyde	ND	42.5	31.4	74		31.7	73		30-150	1		50	A
Endrin ketone	ND	42.5	33.8	80		33.3	76		30-150	1		50	A
Dieldrin	ND	42.5	40.3	95		39.2	90		30-150	3		50	A
4,4'-DDE	12.9	42.5	46.6	79		49.5	84		30-150	6		50	A
4,4'-DDD	3.60	42.5	42.4	91		41.9	88		30-150	1		50	A
4,4'-DDT	1.78J	42.5	36.0	85		36.5	84		30-150	1		50	B
Endosulfan I	ND	42.5	34.7	82		34.2	78		30-150	1		50	A
Endosulfan II	ND	42.5	37.2	88		36.5	84		30-150	2		50	A
Endosulfan sulfate	ND	42.5	37.2	88		36.1	83		30-150	3		50	A
Methoxychlor	ND	42.5	40.3	95		39.6	91		30-150	2		50	A
cis-Chlordane	ND	42.5	33.9	80		33.8	78		30-150	0		50	A
trans-Chlordane	ND	42.5	38.7	91		36.4	83		30-150	6		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 QC Batch ID: WG1940553-4 WG1940553-5 QC Sample: L2435399-06 Client ID: F3_0.2-2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		68		30-150	A
Decachlorobiphenyl	73		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		70		30-150	B
Decachlorobiphenyl	90		91		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-01 Date Collected: 06/21/24 08:25

Client ID: F4_0-0.2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14200		mg/kg	9.40	2.54	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.70	0.357	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Arsenic, Total	28.6		mg/kg	0.940	0.196	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Barium, Total	97.8		mg/kg	0.940	0.164	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.607		mg/kg	0.470	0.031	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.128	J	mg/kg	0.940	0.092	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Calcium, Total	474		mg/kg	9.40	3.29	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Chromium, Total	25.9		mg/kg	0.940	0.090	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.35		mg/kg	1.88	0.156	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Copper, Total	21.5		mg/kg	0.940	0.243	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Iron, Total	14400		mg/kg	4.70	0.849	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Lead, Total	88.0		mg/kg	4.70	0.252	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Magnesium, Total	3240		mg/kg	9.40	1.45	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Manganese, Total	586		mg/kg	0.940	0.150	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Mercury, Total	0.216		mg/kg	0.079	0.051	1	06/26/24 22:40	06/28/24 12:12	EPA 7471B	1,7471B	MJR
Nickel, Total	14.9		mg/kg	2.35	0.228	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Potassium, Total	439		mg/kg	235	13.5	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.88	0.243	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Silver, Total	0.372	J	mg/kg	0.470	0.266	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Sodium, Total	22.9	J	mg/kg	188	2.96	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Thallium, Total	0.302	J	mg/kg	1.88	0.296	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Vanadium, Total	24.1		mg/kg	0.940	0.191	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL
Zinc, Total	51.1		mg/kg	4.70	0.276	2	06/26/24 21:43	06/27/24 17:19	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-02 Date Collected: 06/21/24 08:30

Client ID: F4_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15000		mg/kg	8.82	2.38	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.41	0.335	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Arsenic, Total	10.2		mg/kg	0.882	0.184	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Barium, Total	83.1		mg/kg	0.882	0.154	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.475		mg/kg	0.441	0.029	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.882	0.087	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Calcium, Total	473		mg/kg	8.82	3.09	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Chromium, Total	21.2		mg/kg	0.882	0.085	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.63		mg/kg	1.76	0.146	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Copper, Total	38.8		mg/kg	0.882	0.228	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Iron, Total	17000		mg/kg	4.41	0.797	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Lead, Total	29.4		mg/kg	4.41	0.236	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Magnesium, Total	4970		mg/kg	8.82	1.36	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Manganese, Total	337		mg/kg	0.882	0.140	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Mercury, Total	0.069	J	mg/kg	0.078	0.051	1	06/26/24 22:40	06/28/24 12:15	EPA 7471B	1,7471B	MJR
Nickel, Total	18.1		mg/kg	2.20	0.214	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Potassium, Total	415		mg/kg	220	12.7	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Selenium, Total	0.260	J	mg/kg	1.76	0.228	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.441	0.250	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Sodium, Total	23.4	J	mg/kg	176	2.78	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Thallium, Total	0.596	J	mg/kg	1.76	0.278	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.8		mg/kg	0.882	0.179	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL
Zinc, Total	39.2		mg/kg	4.41	0.258	2	06/26/24 21:43	06/27/24 17:05	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-05 Date Collected: 06/21/24 09:05

Client ID: F3_0-0.2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	391		mg/kg	8.55	2.31	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.27	0.325	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Arsenic, Total	0.268	J	mg/kg	0.855	0.178	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Barium, Total	2.08		mg/kg	0.855	0.149	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.427	0.028	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.855	0.084	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Calcium, Total	173		mg/kg	8.55	2.99	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Chromium, Total	3.03		mg/kg	0.855	0.082	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Cobalt, Total	ND		mg/kg	1.71	0.142	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Copper, Total	1.59		mg/kg	0.855	0.220	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Iron, Total	2620		mg/kg	4.27	0.772	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Lead, Total	0.987	J	mg/kg	4.27	0.229	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Magnesium, Total	33.5		mg/kg	8.55	1.32	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Manganese, Total	32.2		mg/kg	0.855	0.136	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.075	0.049	1	06/26/24 22:40	06/28/24 12:25	EPA 7471B	1,7471B	MJR
Nickel, Total	0.212	J	mg/kg	2.14	0.207	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Potassium, Total	29.6	J	mg/kg	214	12.3	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.71	0.220	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.427	0.242	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Sodium, Total	4.00	J	mg/kg	171	2.69	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.71	0.269	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Vanadium, Total	1.84		mg/kg	0.855	0.174	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL
Zinc, Total	5.16		mg/kg	4.27	0.250	2	06/26/24 21:43	06/27/24 17:09	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-06 Date Collected: 06/21/24 09:10

Client ID: F3_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	629		mg/kg	9.91	2.68	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.96	0.377	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Arsenic, Total	0.333	J	mg/kg	0.991	0.206	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Barium, Total	2.74		mg/kg	0.991	0.172	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.496	0.033	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.991	0.097	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Calcium, Total	264		mg/kg	9.91	3.47	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Chromium, Total	3.50		mg/kg	0.991	0.095	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Cobalt, Total	ND		mg/kg	1.98	0.164	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Copper, Total	1.83		mg/kg	0.991	0.256	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Iron, Total	3150		mg/kg	4.96	0.895	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Lead, Total	1.25	J	mg/kg	4.96	0.266	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Magnesium, Total	98.5		mg/kg	9.91	1.53	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Manganese, Total	29.5		mg/kg	0.991	0.158	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.093	0.061	1	06/26/24 22:40	06/28/24 12:02	EPA 7471B	1,7471B	MJR
Nickel, Total	0.303	J	mg/kg	2.48	0.240	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Potassium, Total	81.7	J	mg/kg	248	14.3	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.98	0.256	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.496	0.280	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Sodium, Total	4.66	J	mg/kg	198	3.12	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.98	0.312	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Vanadium, Total	2.68		mg/kg	0.991	0.201	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL
Zinc, Total	5.09		mg/kg	4.96	0.290	2	06/26/24 21:43	06/27/24 17:23	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-09 Date Collected: 06/21/24 09:45

Client ID: F2_0-0.2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10200		mg/kg	8.04	2.17	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.02	0.306	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Arsenic, Total	5.08		mg/kg	0.804	0.167	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Barium, Total	101		mg/kg	0.804	0.140	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.381	J	mg/kg	0.402	0.027	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.290	J	mg/kg	0.804	0.079	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Calcium, Total	25900		mg/kg	8.04	2.82	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Chromium, Total	20.4		mg/kg	0.804	0.077	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.20		mg/kg	1.61	0.134	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Copper, Total	30.0		mg/kg	0.804	0.208	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Iron, Total	22200		mg/kg	4.02	0.726	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Lead, Total	114		mg/kg	4.02	0.216	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Magnesium, Total	6220		mg/kg	8.04	1.24	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Manganese, Total	287		mg/kg	0.804	0.128	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Mercury, Total	0.257		mg/kg	0.073	0.048	1	06/26/24 22:40	06/28/24 12:28	EPA 7471B	1,7471B	MJR
Nickel, Total	16.4		mg/kg	2.01	0.195	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Potassium, Total	2160		mg/kg	201	11.6	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Selenium, Total	0.218	J	mg/kg	1.61	0.208	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.402	0.228	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Sodium, Total	156	J	mg/kg	161	2.53	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Thallium, Total	0.825	J	mg/kg	1.61	0.253	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Vanadium, Total	26.8		mg/kg	0.804	0.163	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL
Zinc, Total	144		mg/kg	4.02	0.236	2	06/26/24 21:43	06/27/24 17:12	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-10 Date Collected: 06/21/24 09:50

Client ID: F2_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10100		mg/kg	7.85	2.12	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	3.92	0.298	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Arsenic, Total	4.70		mg/kg	0.785	0.163	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Barium, Total	97.8		mg/kg	0.785	0.136	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.364	J	mg/kg	0.392	0.026	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.340	J	mg/kg	0.785	0.077	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Calcium, Total	26100		mg/kg	7.85	2.75	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Chromium, Total	18.0		mg/kg	0.785	0.075	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.64		mg/kg	1.57	0.130	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Copper, Total	27.7		mg/kg	0.785	0.202	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Iron, Total	15300		mg/kg	3.92	0.708	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Lead, Total	91.9		mg/kg	3.92	0.210	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Magnesium, Total	5500		mg/kg	7.85	1.21	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Manganese, Total	239		mg/kg	0.785	0.125	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Mercury, Total	0.236		mg/kg	0.067	0.044	1	06/26/24 22:40	06/28/24 12:32	EPA 7471B	1,7471B	MJR
Nickel, Total	14.6		mg/kg	1.96	0.190	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Potassium, Total	2040		mg/kg	196	11.3	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.57	0.202	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.392	0.222	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Sodium, Total	139	J	mg/kg	157	2.47	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Thallium, Total	0.771	J	mg/kg	1.57	0.247	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Vanadium, Total	25.6		mg/kg	0.785	0.159	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL
Zinc, Total	136		mg/kg	3.92	0.230	2	06/26/24 21:43	06/27/24 17:16	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-13 Date Collected: 06/21/24 10:40

Client ID: G1_0-0.2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14200		mg/kg	8.12	2.19	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.06	0.308	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.33		mg/kg	0.812	0.169	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Barium, Total	22.4		mg/kg	0.812	0.141	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.218	J	mg/kg	0.406	0.027	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.205	J	mg/kg	0.812	0.080	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Calcium, Total	42600		mg/kg	8.12	2.84	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Chromium, Total	22.8		mg/kg	0.812	0.078	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Cobalt, Total	17.7		mg/kg	1.62	0.135	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Copper, Total	28.2		mg/kg	0.812	0.209	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Iron, Total	31000		mg/kg	4.06	0.733	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Lead, Total	3.02	J	mg/kg	4.06	0.218	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Magnesium, Total	10700		mg/kg	8.12	1.25	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Manganese, Total	533		mg/kg	0.812	0.129	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.068	0.045	1	06/26/24 22:40	06/28/24 12:35	EPA 7471B	1,7471B	MJR
Nickel, Total	18.4		mg/kg	2.03	0.196	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Potassium, Total	606		mg/kg	203	11.7	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.62	0.209	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.406	0.230	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Sodium, Total	60.3	J	mg/kg	162	2.56	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Thallium, Total	0.629	J	mg/kg	1.62	0.256	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Vanadium, Total	47.0		mg/kg	0.812	0.165	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL
Zinc, Total	84.0		mg/kg	4.06	0.238	2	06/26/24 21:43	06/27/24 18:00	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-14 Date Collected: 06/21/24 10:45

Client ID: G1_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13300		mg/kg	8.90	2.40	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.45	0.338	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.93		mg/kg	0.890	0.185	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Barium, Total	47.4		mg/kg	0.890	0.155	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.500		mg/kg	0.445	0.029	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.890	0.087	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Calcium, Total	11700		mg/kg	8.90	3.11	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Chromium, Total	17.1		mg/kg	0.890	0.085	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.30		mg/kg	1.78	0.148	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Copper, Total	24.8		mg/kg	0.890	0.230	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Iron, Total	17200		mg/kg	4.45	0.803	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Lead, Total	5.46		mg/kg	4.45	0.238	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Magnesium, Total	10500		mg/kg	8.90	1.37	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Manganese, Total	351		mg/kg	0.890	0.141	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.076	0.050	1	06/26/24 22:40	06/28/24 12:38	EPA 7471B	1,7471B	MJR
Nickel, Total	25.2		mg/kg	2.22	0.215	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Potassium, Total	1370		mg/kg	222	12.8	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.78	0.230	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.445	0.252	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Sodium, Total	35.2	J	mg/kg	178	2.80	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Thallium, Total	0.727	J	mg/kg	1.78	0.280	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Vanadium, Total	24.3		mg/kg	0.890	0.180	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL
Zinc, Total	36.8		mg/kg	4.45	0.261	2	06/26/24 21:43	06/27/24 18:04	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-17 Date Collected: 06/21/24 11:15

Client ID: G2_0-0.2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13400		mg/kg	8.46	2.28	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.23	0.321	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.846	0.176	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Barium, Total	166		mg/kg	0.846	0.147	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.279	J	mg/kg	0.423	0.028	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.846	0.083	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Calcium, Total	1470		mg/kg	8.46	2.96	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Chromium, Total	32.5		mg/kg	0.846	0.081	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Cobalt, Total	12.9		mg/kg	1.69	0.140	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Copper, Total	16.1		mg/kg	0.846	0.218	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Iron, Total	26000		mg/kg	4.23	0.764	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Lead, Total	7.37		mg/kg	4.23	0.227	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Magnesium, Total	6960		mg/kg	8.46	1.30	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Manganese, Total	268		mg/kg	0.846	0.134	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Mercury, Total	0.976		mg/kg	0.076	0.049	1	06/26/24 22:40	06/28/24 12:42	EPA 7471B	1,7471B	MJR
Nickel, Total	25.6		mg/kg	2.11	0.205	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Potassium, Total	9570		mg/kg	211	12.2	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.69	0.218	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.423	0.239	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Sodium, Total	160	J	mg/kg	169	2.66	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Thallium, Total	1.42	J	mg/kg	1.69	0.266	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Vanadium, Total	37.3		mg/kg	0.846	0.172	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL
Zinc, Total	67.4		mg/kg	4.23	0.248	2	06/26/24 21:43	06/27/24 18:07	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-18 Date Collected: 06/21/24 11:20

Client ID: G2_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14200		mg/kg	8.23	2.22	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.12	0.313	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.823	0.171	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Barium, Total	168		mg/kg	0.823	0.143	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.277	J	mg/kg	0.412	0.027	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.823	0.081	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Calcium, Total	1170		mg/kg	8.23	2.88	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Chromium, Total	30.8		mg/kg	0.823	0.079	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Cobalt, Total	15.5		mg/kg	1.65	0.137	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Copper, Total	13.1		mg/kg	0.823	0.212	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Iron, Total	28500		mg/kg	4.12	0.744	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Lead, Total	4.59		mg/kg	4.12	0.221	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Magnesium, Total	7640		mg/kg	8.23	1.27	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Manganese, Total	245		mg/kg	0.823	0.131	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Mercury, Total	0.172		mg/kg	0.068	0.045	1	06/26/24 22:40	06/28/24 12:45	EPA 7471B	1,7471B	MJR
Nickel, Total	31.0		mg/kg	2.06	0.199	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Potassium, Total	11100		mg/kg	206	11.8	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.65	0.212	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.412	0.233	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Sodium, Total	171		mg/kg	165	2.59	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Thallium, Total	1.52	J	mg/kg	3.29	0.519	4	06/26/24 21:43	06/27/24 19:13	EPA 3050B	1,6010D	DHL
Vanadium, Total	42.9		mg/kg	0.823	0.167	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL
Zinc, Total	74.1		mg/kg	4.12	0.241	2	06/26/24 21:43	06/27/24 18:11	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-21 Date Collected: 06/21/24 12:40

Client ID: G3_0-0.2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	19800		mg/kg	9.69	2.62	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.84	0.368	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Arsenic, Total	34.6		mg/kg	0.969	0.202	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Barium, Total	240		mg/kg	0.969	0.168	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.790		mg/kg	0.484	0.032	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.246	J	mg/kg	0.969	0.095	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Calcium, Total	979		mg/kg	9.69	3.39	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Chromium, Total	32.6		mg/kg	0.969	0.093	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Cobalt, Total	11.6		mg/kg	1.94	0.161	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Copper, Total	34.3		mg/kg	0.969	0.250	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Iron, Total	26300		mg/kg	4.84	0.875	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Lead, Total	132		mg/kg	4.84	0.260	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Magnesium, Total	5780		mg/kg	9.69	1.49	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Manganese, Total	584		mg/kg	0.969	0.154	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Mercury, Total	0.357		mg/kg	0.085	0.056	1	06/26/24 22:40	06/28/24 12:48	EPA 7471B	1,7471B	MJR
Nickel, Total	21.6		mg/kg	2.42	0.234	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Potassium, Total	1850		mg/kg	242	14.0	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Selenium, Total	0.279	J	mg/kg	1.94	0.250	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Silver, Total	0.346	J	mg/kg	0.484	0.274	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Sodium, Total	39.2	J	mg/kg	194	3.05	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Thallium, Total	0.948	J	mg/kg	1.94	0.305	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Vanadium, Total	52.8		mg/kg	0.969	0.197	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL
Zinc, Total	106		mg/kg	4.84	0.284	2	06/26/24 21:43	06/27/24 18:14	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-22 Date Collected: 06/21/24 12:45

Client ID: G3_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	19000		mg/kg	9.34	2.52	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.67	0.355	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Arsenic, Total	12.1		mg/kg	0.934	0.194	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Barium, Total	176		mg/kg	0.934	0.162	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.775		mg/kg	0.467	0.031	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.150	J	mg/kg	0.934	0.092	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Calcium, Total	722		mg/kg	9.34	3.27	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Chromium, Total	24.0		mg/kg	0.934	0.090	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Cobalt, Total	11.0		mg/kg	1.87	0.155	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Copper, Total	21.9		mg/kg	0.934	0.241	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Iron, Total	25100		mg/kg	4.67	0.843	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Lead, Total	51.3		mg/kg	4.67	0.250	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Magnesium, Total	4680		mg/kg	9.34	1.44	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Manganese, Total	765		mg/kg	0.934	0.148	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Mercury, Total	0.146		mg/kg	0.077	0.050	1	06/26/24 22:40	06/28/24 12:51	EPA 7471B	1,7471B	MJR
Nickel, Total	18.8		mg/kg	2.34	0.226	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Potassium, Total	1310		mg/kg	234	13.4	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Selenium, Total	0.450	J	mg/kg	1.87	0.241	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Silver, Total	0.306	J	mg/kg	0.467	0.264	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Sodium, Total	29.5	J	mg/kg	187	2.94	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Thallium, Total	0.727	J	mg/kg	1.87	0.294	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Vanadium, Total	39.4		mg/kg	0.934	0.190	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL
Zinc, Total	77.8		mg/kg	4.67	0.274	2	06/26/24 21:43	06/27/24 18:18	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-25 Date Collected: 06/21/24 13:00

Client ID: FB_06212024 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Barium, Total	0.00043	J	mg/l	0.00050	0.00017	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Manganese, Total	0.00045	J	mg/l	0.00100	0.00044	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/27/24 15:56	06/28/24 00:14	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Sodium, Total	0.0584	J	mg/l	0.100	0.0293	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/27/24 13:35	06/27/24 18:35	EPA 3005A	1,6020B	NTB

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-26 Date Collected: 06/21/24 13:10

Client ID: G4_0-0.2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4540		mg/kg	8.34	2.25	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.17	0.317	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Arsenic, Total	5.53		mg/kg	0.834	0.173	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Barium, Total	26.2		mg/kg	0.834	0.145	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.171	J	mg/kg	0.417	0.028	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.268	J	mg/kg	0.834	0.082	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Calcium, Total	656		mg/kg	8.34	2.92	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Chromium, Total	12.4		mg/kg	0.834	0.080	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Cobalt, Total	2.97		mg/kg	1.67	0.138	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Copper, Total	10.1		mg/kg	0.834	0.215	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Iron, Total	6890		mg/kg	4.17	0.753	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Lead, Total	21.4		mg/kg	4.17	0.223	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Magnesium, Total	1300		mg/kg	8.34	1.28	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Manganese, Total	113		mg/kg	0.834	0.132	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Mercury, Total	0.806		mg/kg	0.069	0.045	1	06/26/24 22:40	06/28/24 12:55	EPA 7471B	1,7471B	MJR
Nickel, Total	5.66		mg/kg	2.08	0.202	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Potassium, Total	513		mg/kg	208	12.0	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.67	0.215	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.417	0.236	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Sodium, Total	16.8	J	mg/kg	167	2.63	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.67	0.263	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Vanadium, Total	10.8		mg/kg	0.834	0.169	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL
Zinc, Total	24.5		mg/kg	4.17	0.244	2	06/26/24 21:43	06/27/24 18:21	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2435399
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-27
Client ID: G4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/21/24 13:15
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2820		mg/kg	7.88	2.13	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	3.94	0.300	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.92		mg/kg	0.788	0.164	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Barium, Total	15.8		mg/kg	0.788	0.137	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.112	J	mg/kg	0.394	0.026	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.151	J	mg/kg	0.788	0.077	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Calcium, Total	441		mg/kg	7.88	2.76	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Chromium, Total	7.96		mg/kg	0.788	0.076	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Cobalt, Total	1.82		mg/kg	1.58	0.131	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Copper, Total	5.75		mg/kg	0.788	0.203	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Iron, Total	4760		mg/kg	3.94	0.712	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Lead, Total	13.4		mg/kg	3.94	0.211	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Magnesium, Total	789		mg/kg	7.88	1.21	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Manganese, Total	59.2		mg/kg	0.788	0.125	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Mercury, Total	0.672		mg/kg	0.075	0.049	1	06/26/24 22:40	06/28/24 13:05	EPA 7471B	1,7471B	MJR
Nickel, Total	3.45		mg/kg	1.97	0.191	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Potassium, Total	325		mg/kg	197	11.4	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.58	0.203	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.394	0.223	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Sodium, Total	10.6	J	mg/kg	158	2.48	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.58	0.248	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Vanadium, Total	7.01		mg/kg	0.788	0.160	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL
Zinc, Total	16.0		mg/kg	3.94	0.231	2	06/26/24 21:43	06/27/24 18:25	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-30 Date Collected: 06/21/24 13:35

Client ID: G6_0-0.2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14400		mg/kg	9.73	2.63	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.86	0.370	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Arsenic, Total	17.4		mg/kg	0.973	0.202	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Barium, Total	95.0		mg/kg	0.973	0.169	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.447	J	mg/kg	0.486	0.032	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.263	J	mg/kg	0.973	0.095	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Calcium, Total	638		mg/kg	9.73	3.40	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Chromium, Total	36.5		mg/kg	0.973	0.093	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.74		mg/kg	1.94	0.161	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Copper, Total	20.6		mg/kg	0.973	0.251	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Iron, Total	20900		mg/kg	4.86	0.878	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Lead, Total	49.6		mg/kg	4.86	0.261	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Magnesium, Total	4160		mg/kg	9.73	1.50	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Manganese, Total	388		mg/kg	0.973	0.155	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Mercury, Total	6.10		mg/kg	0.838	0.546	10	06/26/24 22:40	06/28/24 13:17	EPA 7471B	1,7471B	MJR
Nickel, Total	16.4		mg/kg	2.43	0.235	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Potassium, Total	2480		mg/kg	243	14.0	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.94	0.251	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Silver, Total	0.316	J	mg/kg	0.486	0.275	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Sodium, Total	36.3	J	mg/kg	194	3.06	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Thallium, Total	0.695	J	mg/kg	1.94	0.306	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Vanadium, Total	31.8		mg/kg	0.973	0.197	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL
Zinc, Total	58.0		mg/kg	4.86	0.285	2	06/26/24 21:43	06/27/24 18:42	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-31 Date Collected: 06/21/24 13:40

Client ID: G6_0.2-2 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12000		mg/kg	9.00	2.43	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.50	0.342	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Arsenic, Total	8.51		mg/kg	0.900	0.187	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Barium, Total	84.9		mg/kg	0.900	0.157	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.398	J	mg/kg	0.450	0.030	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.179	J	mg/kg	0.900	0.088	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Calcium, Total	586		mg/kg	9.00	3.15	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Chromium, Total	22.4		mg/kg	0.900	0.086	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.30		mg/kg	1.80	0.149	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Copper, Total	15.1		mg/kg	0.900	0.232	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Iron, Total	17100		mg/kg	4.50	0.813	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Lead, Total	26.1		mg/kg	4.50	0.241	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Magnesium, Total	3450		mg/kg	9.00	1.39	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Manganese, Total	370		mg/kg	0.900	0.143	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Mercury, Total	1.91		mg/kg	0.076	0.050	1	06/26/24 22:40	06/28/24 13:14	EPA 7471B	1,7471B	MJR
Nickel, Total	13.7		mg/kg	2.25	0.218	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Potassium, Total	1930		mg/kg	225	13.0	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.80	0.232	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.450	0.255	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Sodium, Total	28.2	J	mg/kg	180	2.84	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Thallium, Total	0.498	J	mg/kg	1.80	0.284	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Vanadium, Total	25.3		mg/kg	0.900	0.183	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL
Zinc, Total	47.3		mg/kg	4.50	0.264	2	06/26/24 21:43	06/27/24 18:46	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 Batch: WG1939928-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Iron, Total	0.478	J	mg/kg	2.00	0.361	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/26/24 21:43	06/27/24 16:28	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 Batch: WG1939931-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/26/24 22:40	06/28/24 11:55	1,7471B	MJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 25 Batch: WG1940275-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 25 Batch: WG1940281-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/27/24 15:56	06/27/24 23:51	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 Batch: WG1939928-2								
Aluminum, Total	110		-		80-120	-		
Antimony, Total	106		-		80-120	-		
Arsenic, Total	101		-		80-120	-		
Barium, Total	108		-		80-120	-		
Beryllium, Total	108		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	104		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	104		-		80-120	-		
Iron, Total	105		-		80-120	-		
Lead, Total	101		-		80-120	-		
Magnesium, Total	101		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	103		-		80-120	-		
Potassium, Total	109		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	107		-		80-120	-		
Sodium, Total	107		-		80-120	-		
Thallium, Total	102		-		80-120	-		
Vanadium, Total	104		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 Batch: WG1939928-2					
Zinc, Total	103	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 Batch: WG1939931-2					
Mercury, Total	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 25 Batch: WG1940275-2					
Aluminum, Total	91	-	80-120	-	
Antimony, Total	90	-	80-120	-	
Arsenic, Total	99	-	80-120	-	
Barium, Total	99	-	80-120	-	
Beryllium, Total	97	-	80-120	-	
Cadmium, Total	99	-	80-120	-	
Calcium, Total	119	-	80-120	-	
Chromium, Total	107	-	80-120	-	
Cobalt, Total	113	-	80-120	-	
Copper, Total	99	-	80-120	-	
Iron, Total	113	-	80-120	-	
Lead, Total	107	-	80-120	-	
Magnesium, Total	107	-	80-120	-	
Manganese, Total	106	-	80-120	-	
Nickel, Total	108	-	80-120	-	
Potassium, Total	118	-	80-120	-	
Selenium, Total	91	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	116	-	80-120	-	
Thallium, Total	109	-	80-120	-	
Vanadium, Total	107	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 25 Batch: WG1940275-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 25 Batch: WG1940281-2					
Mercury, Total	94	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 QC Batch ID: WG1939928-3 WG1939928-4 QC Sample: L2435399-06 Client ID: F3_0.2-2												
Aluminum, Total	629	205	790	78		801	82		75-125	1		20
Antimony, Total	ND	51.2	52.3	102		52.8	101		75-125	1		20
Arsenic, Total	0.333J	12.3	11.7	95		11.6	92		75-125	1		20
Barium, Total	2.74	205	222	107		218	102		75-125	2		20
Beryllium, Total	ND	5.12	5.53	108		5.44	104		75-125	2		20
Cadmium, Total	ND	5.43	5.58	103		5.55	100		75-125	1		20
Calcium, Total	264	1020	1320	103		1220	91		75-125	8		20
Chromium, Total	3.50	20.5	23.8	99		23.2	94		75-125	3		20
Cobalt, Total	ND	51.2	53.3	104		52.6	100		75-125	1		20
Copper, Total	1.83	25.6	28.6	104		28.5	102		75-125	0		20
Iron, Total	3150	102	2400	**0**	Q	2450	**0**	Q	75-125	2		20
Lead, Total	1.25J	54.3	56.7	104		55.8	100		75-125	2		20
Magnesium, Total	98.5	1020	1140	102		1070	92		75-125	6		20
Manganese, Total	29.5	51.2	77.3	93		78.3	93		75-125	1		20
Nickel, Total	0.303J	51.2	52.7	103		52.0	99		75-125	1		20
Potassium, Total	81.7J	1020	1180	115		1140	109		75-125	3		20
Selenium, Total	ND	12.3	11.5	93		11.7	93		75-125	2		20
Silver, Total	ND	5.12	5.61	109		5.57	106		75-125	1		20
Sodium, Total	4.66J	1020	1110	108		1080	103		75-125	3		20
Thallium, Total	ND	12.3	12.8	104		12.4	98		75-125	3		20
Vanadium, Total	2.68	51.2	54.9	102		54.3	98		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 QC Batch ID: WG1939928-3 WG1939928-4 QC Sample: L2435399-06 Client ID: F3_0.2-2									
Zinc, Total	5.09	51.2	56.6	100	55.9	97	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 QC Batch ID: WG1939931-3 WG1939931-4 QC Sample: L2435399-06 Client ID: F3_0.2-2									
Mercury, Total	ND	1.67	1.73	104	1.77	102	80-120	2	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 25 QC Batch ID: WG1940275-3 QC Sample: L2435220-01 Client ID: MS Sample									
Aluminum, Total	0.019	2	1.84	91	-	-	75-125	-	20
Antimony, Total	0.0008J	0.5	0.4149	83	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.1104	92	-	-	75-125	-	20
Barium, Total	0.00033J	2	1.883	94	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.04799	96	-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.04849	91	-	-	75-125	-	20
Calcium, Total	0.370	10	11.7	113	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.2009	100	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.5182	104	-	-	75-125	-	20
Copper, Total	0.00039J	0.25	0.2472	99	-	-	75-125	-	20
Iron, Total	0.059	1	1.09	103	-	-	75-125	-	20
Lead, Total	ND	0.53	0.5182	98	-	-	75-125	-	20
Magnesium, Total	0.090	10	9.82	97	-	-	75-125	-	20
Manganese, Total	0.00253	0.5	0.5038	100	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.4952	99	-	-	75-125	-	20
Potassium, Total	0.081J	10	10.7	107	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.114	95	-	-	75-125	-	20
Silver, Total	ND	0.05	0.04726	94	-	-	75-125	-	20
Sodium, Total	0.076J	10	11.0	110	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1155	96	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5265	105	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 25 QC Batch ID: WG1940275-3 QC Sample: L2435220-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4688	94	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 25 QC Batch ID: WG1940281-3 QC Sample: L2435527-02 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00496	99	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 25 QC Batch ID: WG1940275-4 QC Sample: L2435220-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Barium, Total	0.00033J	0.00034J	mg/l	NC		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Copper, Total	0.00039J	0.00057J	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Manganese, Total	0.00253	0.00244	mg/l	3		20
Nickel, Total	ND	ND	mg/l	NC		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Zinc, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 25 QC Batch ID: WG1940281-4 QC Sample: L2435527-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2435399
Report Date: 07/01/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,26-27,30-31 QC Batch ID: WG1939928-6 QC Sample: L2435399-06 Client ID: F3_0.2-2						
Aluminum, Total	629	625	mg/kg	1		20
Calcium, Total	264	263	mg/kg	0		20
Iron, Total	3150	3150	mg/kg	0		20
Manganese, Total	29.5	29.2	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-01
Client ID: F4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 08:25
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	06/22/24 12:12	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.980	0.196	1	06/27/24 10:06	06/28/24 12:52	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-02
Client ID: F4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 08:30
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	06/22/24 12:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/27/24 19:10	06/28/24 13:35	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.942	0.188	1	06/27/24 10:06	06/28/24 12:52	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-05
Client ID: F3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 09:05
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	06/22/24 12:12	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.908	0.182	1	06/27/24 10:06	06/28/24 12:52	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-06
Client ID: F3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 09:10
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.8		%	0.100	NA	1	-	06/22/24 12:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.3	0.27	1	06/28/24 10:50	06/28/24 14:30	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.06	0.211	1	06/27/24 10:06	06/28/24 12:52	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-09
Client ID: F2_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 09:45
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.8		%	0.100	NA	1	-	06/22/24 12:12	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.826	0.165	1	06/27/24 10:06	06/28/24 12:52	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-10
Client ID: F2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 09:50
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.9		%	0.100	NA	1	-	06/22/24 12:28	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/27/24 19:10	06/28/24 13:36	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.834	0.167	1	06/27/24 10:06	06/28/24 12:52	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-13
Client ID: G1_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 10:40
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.2		%	0.100	NA	1	-	06/22/24 12:28	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.840	0.168	1	06/27/24 10:06	06/28/24 12:52	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-14
Client ID: G1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 10:45
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	06/22/24 12:28	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/27/24 19:10	06/28/24 12:20	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.899	0.180	1	06/27/24 10:06	06/28/24 12:52	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-17
Client ID: G2_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 11:15
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	06/22/24 12:28	121,2540G	ROI
Chromium, Hexavalent	1.47		mg/kg	0.879	0.176	1	06/27/24 10:06	06/28/24 12:52	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-18
Client ID: G2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 11:20
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.0		%	0.100	NA	1	-	06/22/24 12:28	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/27/24 19:10	06/28/24 12:21	1,9010C/9012B	JER
Chromium, Hexavalent	0.670	J	mg/kg	0.851	0.170	1	06/27/24 10:06	06/28/24 12:52	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-21
Client ID: G3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 12:40
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	06/22/24 12:28	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.983	0.196	1	06/27/24 10:06	06/28/24 13:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-22
Client ID: G3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 12:45
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	06/22/24 12:28	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/28/24 10:50	06/28/24 15:12	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.942	0.188	1	06/27/24 10:06	06/28/24 13:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-25
Client ID: FB_06212024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Date Collected: 06/21/24 13:00
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/22/24 11:30	06/22/24 11:49	1,7196A	JBB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-26
Client ID: G4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 13:10
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	06/22/24 12:28	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.870	0.174	1	06/27/24 10:06	06/28/24 13:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-27
Client ID: G4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 13:15
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.0		%	0.100	NA	1	-	06/22/24 12:28	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.98	0.21	1	06/28/24 10:50	06/28/24 15:13	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.833	0.167	1	06/27/24 10:06	06/28/24 13:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-30
Client ID: G6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 13:35
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	06/22/24 12:28	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.998	0.200	1	06/27/24 10:06	06/28/24 13:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435399
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435399-31
Client ID: G6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 13:40
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	06/22/24 12:28	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/28/24 10:50	06/28/24 15:35	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.918	0.184	1	06/27/24 10:06	06/28/24 13:19	1,7196A	RDS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435399

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 25 Batch: WG1937973-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/22/24 11:30	06/22/24 11:48	1,7196A	JBB
General Chemistry - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1940141-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/27/24 10:06	06/28/24 12:52	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 21-22,26-27,30-31 Batch: WG1940149-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/27/24 10:06	06/28/24 13:19	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 14,18 Batch: WG1940489-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	06/27/24 19:10	06/28/24 12:05	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 02,10 Batch: WG1940493-1										
Cyanide, Total	ND		mg/kg	0.91	0.19	1	06/27/24 19:10	06/28/24 13:11	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 06,22,27,31 Batch: WG1940722-1										
Cyanide, Total	ND		mg/kg	0.98	0.21	1	06/28/24 10:50	06/28/24 14:26	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 25 Batch: WG1937973-2								
Chromium, Hexavalent	94		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1940141-2								
Chromium, Hexavalent	117		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,26-27,30-31 Batch: WG1940149-2								
Chromium, Hexavalent	117		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 14,18 Batch: WG1940489-2 WG1940489-3								
Cyanide, Total	**74**	Q	91		80-120	8		35
General Chemistry - Westborough Lab Associated sample(s): 02,10 Batch: WG1940493-2 WG1940493-3								
Cyanide, Total	99		94		80-120	5		35
General Chemistry - Westborough Lab Associated sample(s): 06,22,27,31 Batch: WG1940722-2 WG1940722-3								
Cyanide, Total	94		**70**	Q	80-120	29		35

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 25 QC Batch ID: WG1937973-4 QC Sample: L2435399-25 Client ID: FB_06212024												
Chromium, Hexavalent	ND	0.1	0.095	95		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1940141-4 WG1940141-5 QC Sample: L2435399-06 Client ID: F3_0.2-2												
Chromium, Hexavalent	ND	1530	1390	91		1180	88		75-125	4		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,26-27,30-31 QC Batch ID: WG1940149-4 QC Sample: L2435399-21 Client ID: G3_0-0.2												
Chromium, Hexavalent	ND	1690	1320	78		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 14,18 QC Batch ID: WG1940489-4 WG1940489-5 QC Sample: L2435334-01 Client ID: MS Sample												
Cyanide, Total	ND	11	10	91		9.5	89		75-125	2		35
General Chemistry - Westborough Lab Associated sample(s): 02,10 QC Batch ID: WG1940493-4 WG1940493-5 QC Sample: L2435301-11 Client ID: MS Sample												
Cyanide, Total	ND	51	33	**64**	Q	39	79		75-125	17		35
General Chemistry - Westborough Lab Associated sample(s): 06,22,27,31 QC Batch ID: WG1940722-4 WG1940722-5 QC Sample: L2435399-06 Client ID: F3_0.2-2												
Cyanide, Total	ND	13	12	93		12	93		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435399

Report Date: 07/01/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09 QC Batch ID: WG1937877-1 QC Sample: L2435399-06 Client ID: F3_0.2-2						
Solids, Total	75.8	74.9	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 10,13-14,17-18,21-22,26-27,30-31 QC Batch ID: WG1937879-1 QC Sample: L2435166-01 Client ID: DUP Sample						
Solids, Total	89.5	88.7	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 25 QC Batch ID: WG1937973-3 QC Sample: L2435399-25 Client ID: FB_06212024						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1940141-7 QC Sample: L2435399-06 Client ID: F3_0.2-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,26-27,30-31 QC Batch ID: WG1940149-6 QC Sample: L2435399-21 Client ID: G3_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435399-01A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2435399-01B	Glass 120ml/4oz unpreserved	C	NA		4.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-01C	Glass 250ml/8oz unpreserved	C	NA		4.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-02A	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-02B	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-02C	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-02D	Plastic 2oz unpreserved for TS	B	NA		5.3	Y	Absent		TS(7)
L2435399-02E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2435399-02F	Glass 120ml/4oz unpreserved	B	NA		5.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-02G	Glass 500ml/16oz unpreserved	B	NA		5.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-02X	Vial MeOH preserved split	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-02Y	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-02Z	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-03A	Glass 60mL/2oz unpreserved	C	NA		4.4	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435399-03B	Glass 120ml/4oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-03C	Glass 250ml/8oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-04A	Glass 60mL/2oz unpreserved	C	NA		4.4	Y	Absent		HOLD-METAL(180)
L2435399-04B	Glass 120ml/4oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-04C	Glass 250ml/8oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-05A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2435399-05B	Glass 120ml/4oz unpreserved	C	NA		4.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-05C	Glass 250ml/8oz unpreserved	C	NA		4.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-06A	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-06A1	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-06A2	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-06B	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-06B1	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-06B2	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-06C	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-06C1	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-06C2	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-06D	Plastic 2oz unpreserved for TS	B	NA		5.3	Y	Absent		TS(7)
L2435399-06D1	Plastic 2oz unpreserved for TS	B	NA		5.3	Y	Absent		TS(7)
L2435399-06D2	Plastic 2oz unpreserved for TS	B	NA		5.3	Y	Absent		TS(7)
L2435399-06E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435399-06E1	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2435399-06E2	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2435399-06F	Glass 120ml/4oz unpreserved	B	NA		5.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-06F1	Glass 120ml/4oz unpreserved	B	NA		5.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-06F2	Glass 120ml/4oz unpreserved	B	NA		5.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-06G	Glass 500ml/16oz unpreserved	B	NA		5.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-06G1	Glass 500ml/16oz unpreserved	B	NA		5.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-06G2	Glass 500ml/16oz unpreserved	B	NA		5.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-06X	Vial MeOH preserved split	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-06X1	Vial MeOH preserved split	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-06X2	Vial MeOH preserved split	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-06Y	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-06Y1	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-06Y2	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-06Z	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-06Z1	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-06Z2	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-07A	Glass 60mL/2oz unpreserved	C	NA		4.4	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435399-07B	Glass 120ml/4oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-07C	Glass 250ml/8oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-08A	Glass 60mL/2oz unpreserved	C	NA		4.4	Y	Absent		HOLD-METAL(180)
L2435399-08B	Glass 120ml/4oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-08C	Glass 250ml/8oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-09A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2435399-09B	Glass 120ml/4oz unpreserved	C	NA		4.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-09C	Glass 250ml/8oz unpreserved	C	NA		4.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-10A	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-10B	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-10C	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-10D	Plastic 2oz unpreserved for TS	B	NA		5.3	Y	Absent		TS(7)
L2435399-10E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2435399-10F	Glass 120ml/4oz unpreserved	B	NA		5.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-10G	Glass 500ml/16oz unpreserved	B	NA		5.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-10X	Vial MeOH preserved split	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-10Y	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-10Z	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-11A	Glass 60mL/2oz unpreserved	C	NA		4.4	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435399-11B	Glass 120ml/4oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-11C	Glass 250ml/8oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-12A	Glass 60mL/2oz unpreserved	C	NA		4.4	Y	Absent		HOLD-METAL(180)
L2435399-12B	Glass 120ml/4oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-12C	Glass 250ml/8oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-13A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2435399-13B	Glass 120ml/4oz unpreserved	C	NA		4.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-13C	Glass 250ml/8oz unpreserved	C	NA		4.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-14A	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-14B	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-14C	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-14D	Plastic 2oz unpreserved for TS	B	NA		5.3	Y	Absent		TS(7)
L2435399-14E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2435399-14F	Glass 120ml/4oz unpreserved	B	NA		5.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-14G	Glass 500ml/16oz unpreserved	B	NA		5.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-14X	Vial MeOH preserved split	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-14Y	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-14Z	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-15A	Glass 60mL/2oz unpreserved	B	NA		5.3	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435399-15B	Glass 120ml/4oz unpreserved	B	NA		5.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-15C	Glass 250ml/8oz unpreserved	B	NA		5.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-16A	Glass 60mL/2oz unpreserved	C	NA		4.4	Y	Absent		HOLD-METAL(180)
L2435399-16B	Glass 120ml/4oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-16C	Glass 250ml/8oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-17A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2435399-17B	Glass 120ml/4oz unpreserved	C	NA		4.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-17C	Glass 250ml/8oz unpreserved	C	NA		4.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-18A	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-18B	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-18C	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-18D	Plastic 2oz unpreserved for TS	B	NA		5.3	Y	Absent		TS(7)
L2435399-18E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2435399-18F	Glass 120ml/4oz unpreserved	B	NA		5.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-18G	Glass 500ml/16oz unpreserved	B	NA		5.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-18X	Vial MeOH preserved split	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-18Y	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-18Z	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-19A	Glass 60mL/2oz unpreserved	B	NA		5.3	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435399-19B	Glass 120ml/4oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-19C	Glass 250ml/8oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-20A	Glass 60mL/2oz unpreserved	C	NA		4.4	Y	Absent		HOLD-METAL(180)
L2435399-20B	Glass 120ml/4oz unpreserved	C	NA		4.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-20C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-21A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2435399-21B	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-21C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-22A	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-22B	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-22C	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-22D	Plastic 2oz unpreserved for TS	B	NA		5.3	Y	Absent		TS(7)
L2435399-22E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2435399-22F	Glass 120ml/4oz unpreserved	B	NA		5.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-22G	Glass 500ml/16oz unpreserved	B	NA		5.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-22X	Vial MeOH preserved split	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-22Y	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-22Z	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-23A	Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435399-23B	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-23C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-24A	Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		HOLD-METAL(180)
L2435399-24B	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-24C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-25A	Amber 120ml unpreserved	A	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2435399-25B	Amber 120ml unpreserved	A	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2435399-25C	Plastic 250ml unpreserved	A	7	7	5.0	Y	Absent		HEXCR-7196(1)
L2435399-25D	Plastic 250ml HNO3 preserved	A	<2	<2	5.0	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2435399-25E	Amber 1000ml unpreserved	A	7	7	5.0	Y	Absent		HERB-APA(7)
L2435399-25F	Amber 1000ml unpreserved	A	7	7	5.0	Y	Absent		HERB-APA(7)
L2435399-26A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2435399-26B	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-26C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-27A	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-27B	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-27C	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-27D	Plastic 2oz unpreserved for TS	B	NA		5.3	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435399-27E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2435399-27F	Glass 120ml/4oz unpreserved	B	NA		5.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-27G	Glass 500ml/16oz unpreserved	B	NA		5.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-27X	Vial MeOH preserved split	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-27Y	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-27Z	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-28A	Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		HOLD-METAL(180)
L2435399-28B	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-28C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-29A	Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		HOLD-METAL(180)
L2435399-29B	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-29C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-30A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2435399-30B	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-30C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435399-31A	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-31B	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-31C	5 gram Encore Sampler	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-31D	Plastic 2oz unpreserved for TS	B	NA		5.3	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435399
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435399-31E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2435399-31F	Glass 120ml/4oz unpreserved	B	NA		5.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-31G	Glass 500ml/16oz unpreserved	B	NA		5.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435399-31X	Vial MeOH preserved split	B	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2435399-31Y	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-31Z	Vial Water preserved split	B	NA		5.3	Y	Absent	22-JUN-24 07:20	NYTCL-8260HLW(14)
L2435399-32A	Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		HOLD-METAL(180)
L2435399-32B	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-32C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-33A	Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		HOLD-METAL(180)
L2435399-33B	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-33C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435399-34A	Vial HCl preserved	A	NA		5.0	Y	Absent		NYTCL-8260(14)
L2435399-34B	Vial HCl preserved	A	NA		5.0	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435399
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435399
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435399
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435399
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/22/24

ALPHA Job #: L2435309

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
35399-01	F4 - 0-0.2	6/21/24	0825	S	EL			X	X	X	X				3
-02	F4 - 0.2-2		0830	S	EL	X	X	X	X	X	X	X	X		7
-03	F4 - 2-4		0935	S	EL			H	H	H	H			HOLD	3
-04	F4 - 4-6		0840	S	EL			H	H	H	H			HOLD	3
-05	F3 - 0-0.2		0905	S	EL			X	X	X	X				3
-06	F3 - 0.2-2		0910	S	EL	X	X	X	X	X	X	X	X	MS/MSD	21
-07	F3 - 2-4		0915	S	EL			H	H	H	H			HOLD	3
-08	F3 - 4-6		0920	G	EL			H	H	H	H			HOLD	3
-09	F2 - 0-0.2		0945	S	EL			X	X	X	X				3
-10	F2 - 0.2-2		0950	G	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/21/24 1440	GJAC (PACE)	6/21/24, 15:15
GJAC	6/21/24, 18:38	NJSC	6/21/24, 18:38
NJSC	6/21/24, 18:38		6/21/24 1840
	6/22/24		6/22 2200
	6/22 AS		6/22/24 0045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 4

Date Rec'd in Lab: 06/22/24

ALPHA Job #: L2435399

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
35399-11	F2-2-4	6/21/24	0955	S	EL			H	H	H	H			HOLD	3
-12	F2-4-6		1000	S	EL			H	H	H	H			HOLD	3
-13	G1-0-0.2		1040	S	EL			X	X	X	X				3
-14	G1-0.2-2		1045	S	EL	X	X	X	X	X	X	X	X		7
-15	G1-2-4		1050	S	EL			H	H	H	H			HOLD	3
-16	G1-4-6		1055	S	EL			H	H	H	H			HOLD	3
-17	G2-0-0.2		1115	S	EL			X	X	X	X				3
-18	G2-0.2-2		1120	S	EL	X	X	X	X	X	X	X	X		7
-19	G2-2-4		1125	S	EL			H	H	H	H			HOLD	3
-20	G2-4-6		1130	S	EL			H	H	H	H			HOLD	3

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/21/24 1440	GJAC (PACE)	6/21/24, 15:15
GJAC	6/21/24, 18:38	NJSC	6/21/24, 18:38
NJSC	6/21/24, 18:38		6/21/24 18:40
	6/21/24 6/22 0AS		6/22 2200 6/22/24 0015

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 06/22/24

ALPHA Job #: L2435399

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☑ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
35399-21	SB3-0-0.2	6/21/24	1240	S	EL			X	X	X	X				3
-22	SB3-0.2-2		1245	S	EL	X	X	X	X	X	X	X	X		7
-23	SB3-2-4		1250	S	EL			H	H	H	H			H20	3
-24	SB3-4-6		1255	S	EL			H	H	H	H			H20	3
-25	FB-06212024		1300	W	EL			X	X	X	X				6
-26	SB4-0-0.2		1310	S	EL			X	X	X	X				3
-27	SB4-0.2-2		1315	S	EL	X	X	X	X	X	X	X	X		7
-28	SB4-2-4		1320	S	EL			H	H	H	H			H20	3
-29	SB4-4-6		1325	S	EL			H	H	H	H			H20	3
-30	SB6-0-0.2		1335	S	EL			X	X	X	X				3
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/21/24 1440	GJAC (PACE)	6/21/24, 15:15
GJAC	6/21/24, 18:38	NJSC	6/21/24, 18:38
NJSC	6/21/24, 18:38		6/21/24 18:40
	6/21/24		6/22 2200
	6/22		6/22/24 0045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL LABORATORIES

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ~~4~~ 4 of 4

Date Rec'd in Lab 06/22/24

ALPHA Job # L2435399

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project # 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing information

☑ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
35399-31	46-0.2-2	6/21/24	1340	S	EL	X	X	X	X	X	X	X	X		7
-32	46-2-4	"	1345	S	EL			H	H	H	H			HOLD	3
-33	46-4-6	"	1350	S	EL			H	H	H	H			HOLD	3
-34	TB-06212024	6/20/24	—	W	EL	X									2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/21/24 1440	GJAC (PACE)	6/21/24, 15:15
GJAC	6/21/24, 18:38	NJSC	6/21/24 18:38
NJSC	6/21/24 18:38		6/21/24 18:40
	6/21/24 2000		6/22 2000
	6/22 0045		6/22/24 0045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2435512
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/25/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435512
Report Date: 06/25/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435512-01	B4_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 09:25	06/13/24
L2435512-02	C3_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 09:50	06/13/24
L2435512-03	C6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 11:50	06/13/24
L2435512-04	C7_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 12:50	06/13/24
L2435512-05	C8_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 13:40	06/13/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435512
Project Number:	3858.0004Y000	**Report Date:**	06/25/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435512
Project Number:	3858.0004Y000	**Report Date:**	06/25/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2435512-02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/25/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435512
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-01
Client ID: B4_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 09:25
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 09:57
Analyst: AKM
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 06/24/24 12:18
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.374	1	A
Lindane	ND		ug/kg	0.797	0.356	1	A
Alpha-BHC	ND		ug/kg	0.797	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.725	1	A
Heptachlor	ND		ug/kg	0.956	0.429	1	A
Aldrin	ND		ug/kg	1.91	0.673	1	A
Heptachlor epoxide	ND		ug/kg	3.58	1.08	1	B
Endrin	ND		ug/kg	0.797	0.327	1	A
Endrin aldehyde	ND		ug/kg	2.39	0.836	1	A
Endrin ketone	ND		ug/kg	1.91	0.492	1	A
Dieldrin	4.18		ug/kg	1.20	0.598	1	B
4,4'-DDE	8.21		ug/kg	1.91	0.442	1	B
4,4'-DDD	1.69	J	ug/kg	1.91	0.682	1	B
4,4'-DDT	ND		ug/kg	1.91	1.54	1	B
Endosulfan I	ND		ug/kg	1.91	0.452	1	A
Endosulfan II	ND		ug/kg	1.91	0.639	1	A
Endosulfan sulfate	ND		ug/kg	0.797	0.379	1	A
Methoxychlor	ND		ug/kg	3.58	1.12	1	A
Toxaphene	ND		ug/kg	35.8	10.0	1	A
cis-Chlordane	7.28		ug/kg	2.39	0.666	1	A
trans-Chlordane	4.74		ug/kg	2.39	0.631	1	A
Chlordane	ND		ug/kg	15.9	6.33	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435512

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-01 Date Collected: 06/13/24 09:25

Client ID: B4_2-4 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435512
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-02
Client ID: C3_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 09:50
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 10:08
Analyst: AKM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/24/24 12:18
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.363	1	A
Lindane	ND		ug/kg	0.772	0.345	1	A
Alpha-BHC	ND		ug/kg	0.772	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.703	1	A
Heptachlor	ND		ug/kg	0.927	0.415	1	A
Aldrin	ND		ug/kg	1.85	0.652	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.772	0.317	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.811	1	A
Endrin ketone	ND		ug/kg	1.85	0.477	1	A
Dieldrin	3.18		ug/kg	1.16	0.579	1	B
4,4'-DDE	30.4		ug/kg	1.85	0.428	1	B
4,4'-DDD	ND		ug/kg	1.85	0.661	1	A
4,4'-DDT	10.1		ug/kg	1.85	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.438	1	A
Endosulfan II	ND		ug/kg	1.85	0.619	1	A
Endosulfan sulfate	ND		ug/kg	0.772	0.368	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.73	1	A
cis-Chlordane	ND		ug/kg	2.32	0.646	1	A
trans-Chlordane	ND		ug/kg	2.32	0.612	1	A
Chlordane	ND		ug/kg	15.4	6.14	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435512

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-02 Date Collected: 06/13/24 09:50

Client ID: C3_2-4 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435512
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-03
Client ID: C6_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 11:50
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 10:19
Analyst: AKM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/24/24 12:18
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.692	0.309	1	A
Alpha-BHC	ND		ug/kg	0.692	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.629	1	A
Heptachlor	ND		ug/kg	0.830	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.584	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.934	1	A
Endrin	ND		ug/kg	0.692	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.726	1	A
Endrin ketone	ND		ug/kg	1.66	0.427	1	A
Dieldrin	1.53		ug/kg	1.04	0.519	1	A
4,4'-DDE	0.604	J	ug/kg	1.66	0.384	1	B
4,4'-DDD	ND		ug/kg	1.66	0.592	1	A
4,4'-DDT	ND		ug/kg	1.66	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.555	1	A
Endosulfan sulfate	ND		ug/kg	0.692	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.968	1	A
Toxaphene	ND		ug/kg	31.1	8.72	1	A
cis-Chlordane	ND	IP	ug/kg	2.08	0.578	1	B
trans-Chlordane	ND		ug/kg	2.08	0.548	1	B
Chlordane	ND		ug/kg	13.8	5.50	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435512

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-03 Date Collected: 06/13/24 11:50

Client ID: C6_2-4 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435512
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-04
Client ID: C7_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 12:50
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 10:30
Analyst: AKM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/24/24 12:18
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.330	1	A
Lindane	ND		ug/kg	0.703	0.314	1	A
Alpha-BHC	ND		ug/kg	0.703	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.640	1	A
Heptachlor	ND		ug/kg	0.844	0.378	1	A
Aldrin	ND		ug/kg	1.69	0.594	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.949	1	A
Endrin	ND		ug/kg	0.703	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.738	1	A
Endrin ketone	ND		ug/kg	1.69	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.527	1	A
4,4'-DDE	ND		ug/kg	1.69	0.390	1	A
4,4'-DDD	ND		ug/kg	1.69	0.602	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.703	0.335	1	A
Methoxychlor	ND		ug/kg	3.16	0.984	1	A
Toxaphene	ND		ug/kg	31.6	8.86	1	A
cis-Chlordane	ND		ug/kg	2.11	0.588	1	A
trans-Chlordane	ND		ug/kg	2.11	0.557	1	A
Chlordane	ND		ug/kg	14.1	5.59	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435512

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-04 Date Collected: 06/13/24 12:50

Client ID: C7_2-4 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435512
Project Number: 3858.0004Y000
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-05
Client ID: C8_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 13:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/24 10:42
Analyst: AKM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/24/24 12:18
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.717	0.320	1	A
Alpha-BHC	ND		ug/kg	0.717	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.860	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.606	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.968	1	A
Endrin	ND		ug/kg	0.717	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.753	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	ND		ug/kg	1.08	0.538	1	A
4,4'-DDE	ND		ug/kg	1.72	0.398	1	A
4,4'-DDD	ND		ug/kg	1.72	0.614	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.575	1	A
Endosulfan sulfate	ND		ug/kg	0.717	0.341	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.03	1	A
cis-Chlordane	ND		ug/kg	2.15	0.599	1	A
trans-Chlordane	ND		ug/kg	2.15	0.568	1	A
Chlordane	ND		ug/kg	14.3	5.70	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435512

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-05 Date Collected: 06/13/24 13:40

Client ID: C8_2-4 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435512
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/25/24 09:23
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/24/24 13:55
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1938496-1						
Delta-BHC	ND		ug/kg	1.59	0.311	A
Lindane	ND		ug/kg	0.662	0.296	A
Alpha-BHC	ND		ug/kg	0.662	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.602	A
Heptachlor	ND		ug/kg	0.794	0.356	A
Aldrin	ND		ug/kg	1.59	0.559	A
Heptachlor epoxide	ND		ug/kg	2.98	0.893	A
Endrin	ND		ug/kg	0.662	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.695	A
Endrin ketone	ND		ug/kg	1.59	0.409	A
Dieldrin	ND		ug/kg	0.993	0.496	A
4,4'-DDE	ND		ug/kg	1.59	0.367	A
4,4'-DDD	ND		ug/kg	1.59	0.566	A
4,4'-DDT	ND		ug/kg	1.59	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.375	A
Endosulfan II	ND		ug/kg	1.59	0.531	A
Endosulfan sulfate	ND		ug/kg	0.662	0.315	A
Methoxychlor	ND		ug/kg	2.98	0.926	A
Toxaphene	ND		ug/kg	29.8	8.34	A
cis-Chlordane	ND		ug/kg	1.98	0.553	A
trans-Chlordane	ND		ug/kg	1.98	0.524	A
Chlordane	ND		ug/kg	13.2	5.26	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435512
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/25/24 09:23
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/24/24 13:55
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1938496-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	63		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435512

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1938496-2 WG1938496-3									
Delta-BHC	62		77		30-150	22		30	A
Lindane	60		74		30-150	21		30	A
Alpha-BHC	62		78		30-150	23		30	A
Beta-BHC	60		74		30-150	21		30	A
Heptachlor	62		75		30-150	19		30	A
Aldrin	61		74		30-150	19		30	A
Heptachlor epoxide	58		68		30-150	16		30	A
Endrin	66		80		30-150	19		30	A
Endrin aldehyde	53		67		30-150	23		30	A
Endrin ketone	63		76		30-150	19		30	A
Dieldrin	69		83		30-150	18		30	A
4,4'-DDE	61		74		30-150	19		30	A
4,4'-DDD	68		82		30-150	19		30	A
4,4'-DDT	67		78		30-150	15		30	A
Endosulfan I	62		73		30-150	16		30	A
Endosulfan II	65		78		30-150	18		30	A
Endosulfan sulfate	54		69		30-150	24		30	A
Methoxychlor	76		88		30-150	15		30	A
cis-Chlordane	60		71		30-150	17		30	A
trans-Chlordane	70		85		30-150	19		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435512

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1938496-2 WG1938496-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		64		30-150	A
Decachlorobiphenyl	57		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		73		30-150	B
Decachlorobiphenyl	56		69		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435512

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-02 Date Collected: 06/13/24 09:50

Client ID: C3_2-4 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16800		mg/kg	18.9	5.11	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	9.46	0.719	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Arsenic, Total	8.63		mg/kg	1.89	0.393	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Barium, Total	80.6		mg/kg	1.89	0.329	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.396	J	mg/kg	0.946	0.062	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	1.89	0.185	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Calcium, Total	936		mg/kg	18.9	6.62	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Chromium, Total	22.0		mg/kg	1.89	0.182	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Cobalt, Total	11.5		mg/kg	3.78	0.314	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Copper, Total	18.9		mg/kg	1.89	0.488	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Iron, Total	25100		mg/kg	9.46	1.71	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Lead, Total	21.3		mg/kg	9.46	0.507	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Magnesium, Total	4880		mg/kg	18.9	2.91	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Manganese, Total	688		mg/kg	1.89	0.301	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.076	0.050	1	06/25/24 08:55	06/25/24 10:51	EPA 7471B	1,7471B	MJR
Nickel, Total	20.2		mg/kg	4.73	0.458	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Potassium, Total	1470		mg/kg	473	27.2	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	3.78	0.488	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.946	0.535	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Sodium, Total	47.3	J	mg/kg	378	5.96	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	3.78	0.596	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Vanadium, Total	36.6		mg/kg	1.89	0.384	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL
Zinc, Total	52.2		mg/kg	9.46	0.554	4	06/25/24 08:20	06/25/24 12:06	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435512

Project Number: 3858.0004Y000 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1938850-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Iron, Total	0.826	J	mg/kg	2.00	0.361	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/25/24 08:20	06/25/24 10:25	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1938853-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/25/24 08:55	06/25/24 10:35	1,7471B	MJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435512
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435512

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1938850-2								
Aluminum, Total	105		-		80-120	-		
Antimony, Total	105		-		80-120	-		
Arsenic, Total	99		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	104		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Calcium, Total	100		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	101		-		80-120	-		
Potassium, Total	105		-		80-120	-		
Selenium, Total	101		-		80-120	-		
Silver, Total	102		-		80-120	-		
Sodium, Total	103		-		80-120	-		
Thallium, Total	96		-		80-120	-		
Vanadium, Total	105		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435512

Report Date: 06/25/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1938850-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1938853-2					
Mercury, Total	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435512
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1938850-3 QC Sample: L2435549-01 Client ID: MS Sample												
Aluminum, Total	11600	186	12400	**431**	Q	-	-		75-125	-		20
Antimony, Total	ND	46.4	41.9	90		-	-		75-125	-		20
Arsenic, Total	7.82	11.1	18.7	98		-	-		75-125	-		20
Barium, Total	6.88	186	193	100		-	-		75-125	-		20
Beryllium, Total	0.191J	4.64	4.92	106		-	-		75-125	-		20
Cadmium, Total	ND	4.92	4.72	96		-	-		75-125	-		20
Calcium, Total	80.1	928	972	96		-	-		75-125	-		20
Chromium, Total	5.73	18.6	24.0	98		-	-		75-125	-		20
Cobalt, Total	0.466J	46.4	45.8	99		-	-		75-125	-		20
Copper, Total	2.00	23.2	25.6	102		-	-		75-125	-		20
Iron, Total	7810	92.8	7750	**0**	Q	-	-		75-125	-		20
Lead, Total	4.57J	49.2	53.3	108		-	-		75-125	-		20
Magnesium, Total	277	928	1160	95		-	-		75-125	-		20
Manganese, Total	56.4	46.4	115	**126**	Q	-	-		75-125	-		20
Nickel, Total	1.42J	46.4	45.8	99		-	-		75-125	-		20
Potassium, Total	117J	928	1050	113		-	-		75-125	-		20
Selenium, Total	0.736J	11.1	11.8	106		-	-		75-125	-		20
Silver, Total	ND	4.64	4.70	101		-	-		75-125	-		20
Sodium, Total	43.2J	928	971	105		-	-		75-125	-		20
Thallium, Total	ND	11.1	10.8	97		-	-		75-125	-		20
Vanadium, Total	13.1	46.4	59.1	99		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435512
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1938850-3 QC Sample: L2435549-01 Client ID: MS Sample									
Zinc, Total	13.4	46.4	58.7	98	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1938853-3 QC Sample: L2435549-01 Client ID: MS Sample									
Mercury, Total	0.087	1.55	1.62	99	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435512
Report Date: 06/25/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1938850-4 QC Sample: L2435549-01 Client ID: DUP Sample						
Aluminum, Total	11600	12700	mg/kg	9		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	7.82	9.06	mg/kg	15		20
Barium, Total	6.88	6.93	mg/kg	1		20
Beryllium, Total	0.191J	0.195J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	80.1	83.4	mg/kg	4		20
Chromium, Total	5.73	6.85	mg/kg	18		20
Cobalt, Total	0.466J	0.690J	mg/kg	NC		20
Copper, Total	2.00	2.19	mg/kg	9		20
Iron, Total	7810	8570	mg/kg	9		20
Lead, Total	4.57J	4.87	mg/kg	NC		20
Magnesium, Total	277	445	mg/kg	**47**	Q	20
Manganese, Total	56.4	72.5	mg/kg	**25**	Q	20
Nickel, Total	1.42J	1.81J	mg/kg	NC		20
Potassium, Total	117J	128J	mg/kg	NC		20
Selenium, Total	0.736J	0.587J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	43.2J	45.7J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435512

Report Date: 06/25/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1938850-4 QC Sample: L2435549-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	13.1	14.6	mg/kg	11	20
Zinc, Total	13.4	14.6	mg/kg	9	20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1938853-4 QC Sample: L2435549-01 Client ID: DUP Sample					
Mercury, Total	0.087	0.077J	mg/kg	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435512
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-01
Client ID: B4_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 09:25
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	06/24/24 15:53	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435512
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-02
Client ID: C3_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 09:50
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	06/24/24 15:53	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435512
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-03
Client ID: C6_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 11:50
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	06/24/24 15:53	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435512
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-04
Client ID: C7_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 12:50
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.7		%	0.100	NA	1	-	06/24/24 15:53	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435512
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2435512-05
Client ID: C8_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 13:40
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	06/24/24 15:53	121,2540G	SJB

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435512

Report Date: 06/25/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1938685-1 QC Sample: L2435512-01 Client ID: B4_2-4						
Solids, Total	80.2	79.5	%	1		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435512
Report Date: 06/25/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435512-01C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8081(14)
L2435512-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2435512-02C	Glass 250ml/8oz unpreserved	B	NA		5.0	Y	Absent		NYTCL-8081(14)
L2435512-03C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8081(14)
L2435512-04C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8081(14)
L2435512-05C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435512
Project Number:	3858.0004Y000	**Report Date:**	06/25/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435512
Project Number:	3858.0004Y000	**Report Date:**	06/25/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435512
Project Number:	3858.0004Y000	**Report Date:**	06/25/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435512
Project Number:	3858.0004Y000	**Report Date:**	06/25/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/14/24

L2435512 WMC 6/24/24
ALPHA Job #: L2435512

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
35512-01	B5 - 0 - 0.2	6/13/24	0845	S	EL			X	X	X	X				3
	B5 - 0.2 - 2	"	0850		EL	X	X	X	X	X	X	X	X		7
	B5 - 2 - 4	"	0855		EL			H	H	H	H			Hold	3
	B5 - 4 - 6	"	0900		EL			H	H	H	H			Hold	3
	B4 - 0 - 0.2	"	0915		EL			X	X	X	X			MS/MSD	9
	B4 - 0.2 - 2	"	0920		EL	X	X	X	X	X	X	X	X		7
	B4 - 2 - 4	"	0925		EL			H	H	HX	H			Hold	3
	B4 - 4 - 6	"	0930		EL			H	H	H	H			Hold	3
	B3 - 0 - 0.2	"	0940		EL			X	X	X	X				3
	B3 - 0.2 - 2	"	0945		EL	X	X	X	X	X	X	X	X		7
					Container Type	E	A	A	A	A	A	A	A		
					Preservative	A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/13/24 1440	WIFI (Pace)	6/13/24 14:52
WIFI (Pace)	6/13/24 18:38		6/13 2200
	6/14 130		6/14/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 4

Date Rec'd in Lab: 6/14/24

L2435512 WMC 6/24/24
ALPHA Job #: L2435512

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs +10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
-02	C3-2-4	6/13/24	0950	S	EL			X	H	X	H			Hold	3
	C3-4-6	"	0955		EL			H	H	H	H			Hold	3
	C4-0-0.2	"	1030		EL			X	X	X	X				3
	C4-0.2-2	"	1035		EL	X	X	X	X	X	X	X	X		7
	C4-2-4	"	1040		EL			H	H	H	H			Hold	3
	C4-4-6	"	1045		EL			H	H	H	H			Hold	3
	C6-0-0.2	"	1140		EL			X	X	X	X				3
	C6-0.2-2	"	1145		EL	X	X	X	X	X	X	X	X		7
35512-03	C6-2-4	"	1150		EL			H	H	X	H			Hold	3
	C6-4-6	"	1155		EL			H	H	H	H			Hold	3

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 4

Date Rec'd in Lab: 6/14/24

L2435512 WMC 6/24/24
ALPHA Job #: [redacted]

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
[redacted]-21	C7-0-0.2	6/13/24	1240	S	EL			X	X	X	X				3
[redacted]-22	C7-0.2-2	"	1245		EL	X	X	X	X	X	X	X	X		7
35512-04 [redacted]-23	C7-2-4	"	1250		EL			H	H	X	H			H0LD	3
[redacted]-24	C7-4-6	"	1255		EL			H	H	H	H			H0LD	3
[redacted]-25	C8-0-0.2	"	1310		EL			X	X	X	X				3
[redacted]-26	C8-0.2-2	"	1335		EL	X	X	X	X	X	X	X	X		7
-05 [redacted]-27	C8-2-4	"	1340		EL			H	H	X	H			H0LD	3
[redacted]-28	C8-4-6	"	1345		EL			H	H	H	H			H0LD	3
[redacted]-29	C9-0-0.2	"	1350		EL			X	X	X	X				3
[redacted]-30	C9-0.2-2	"	1355		EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/13/24 1440	WIFI (Pace)	6/13/24 14:52
WIFI (Pace)	6/13/24 18:38		6/13 2200
	6/14 0130		6/14/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2435567
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/01/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435567-01	G7_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 08:55	06/24/24
L2435567-02	G7_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 09:00	06/24/24
L2435567-03	G7_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 09:05	06/24/24
L2435567-04	G7_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 09:10	06/24/24
L2435567-05	G8_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 09:25	06/24/24
L2435567-06	G8_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 09:30	06/24/24
L2435567-07	G8_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 09:35	06/24/24
L2435567-08	G8_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 09:40	06/24/24
L2435567-09	G9_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 10:15	06/24/24
L2435567-10	G9_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 10:20	06/24/24
L2435567-11	G9_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 10:25	06/24/24
L2435567-12	G9_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 10:30	06/24/24
L2435567-13	G10_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 10:45	06/24/24
L2435567-14	G10_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 10:50	06/24/24
L2435567-15	G10_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 10:55	06/24/24
L2435567-16	G10_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 11:00	06/24/24
L2435567-17	G11_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 12:05	06/24/24
L2435567-18	G11_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 12:10	06/24/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435567-19	G11_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 12:15	06/24/24
L2435567-20	G11_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 12:20	06/24/24
L2435567-21	G13_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 12:40	06/24/24
L2435567-22	G13_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 12:45	06/24/24
L2435567-23	G13_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 12:50	06/24/24
L2435567-24	G13_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 12:55	06/24/24
L2435567-25	G14_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 13:15	06/24/24
L2435567-26	G14_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 13:20	06/24/24
L2435567-27	G14_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 13:25	06/24/24
L2435567-28	G14_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 13:30	06/24/24
L2435567-29	FB_06242024	FIELD BLANK	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 11:45	06/24/24
L2435567-30	DUP_06242024	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/24/24 12:00	06/24/24
L2435567-31	TB_06242024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 00:00	06/24/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435567
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435567
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2435567-31: Headspace was noted in the sample container utilized for analysis.

Total Metals

L2435567-01-02, -05, -06, -09, -10, -13, -14, -17, -18, -21, -22, -25, -26 and -30: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1940059-1 Method Blank, associated with L2435567-01, -02, -05, -06, -09, -10, -13, -14, -17, -18, -21, -22, -25, -26, and -30, has a concentration above the reporting limit for iron. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG1940059-3/-4 MS/MSD recoveries for aluminum (0%/0%), iron (0%/0%), magnesium (20%/72%), manganese (0%/57%) and potassium (0%/54%), performed on L2435567-06, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1940059-3/-4 MS/MSD recoveries, performed on L2435567-06, are outside the acceptance criteria for chromium (MS 74%) and zinc (72%/67%). A post digestion spike was performed and was within acceptance criteria.

The WG1940059-3/-4 MS/MSD RPD for potassium (21%), performed on L2435567-06, is above the acceptance criteria.

Hexavalent Chromium

The WG1940745-4 Insoluble MS recovery for chromium, hexavalent (60%), performed on L2435567-21, is

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435567
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

Case Narrative (continued)

below the acceptance criteria. The Soluble MS recovery for chromium, hexavalent (49%) was also below criteria. This has been attributed to matrix interference. A post-spike was performed with an acceptable recovery of 97%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 07/01/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-02
Client ID: G7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 09:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 11:44
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.19	1
Benzene	ND		ug/kg	0.59	0.19	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-02 Date Collected: 06/24/24 09:00

Client ID: G7_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.24	1
p/m-Xylene	ND		ug/kg	2.3	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-02 Date Collected: 06/24/24 09:00

Client ID: G7_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	106		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-06
Client ID: G8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 09:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/01/24 09:23
Analyst: MKS
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.2	4.2	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.7	0.26	1
Carbon tetrachloride	ND		ug/kg	1.8	0.42	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.23	1
Dibromochloromethane	ND		ug/kg	1.8	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.49	1
Tetrachloroethene	ND		ug/kg	0.92	0.36	1
Chlorobenzene	ND		ug/kg	0.92	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.3	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.47	1
1,1,1-Trichloroethane	ND		ug/kg	0.92	0.30	1
Bromodichloromethane	ND		ug/kg	0.92	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.50	1
cis-1,3-Dichloropropene	ND		ug/kg	0.92	0.29	1
1,3-Dichloropropene, Total	ND		ug/kg	0.92	0.29	1
1,1-Dichloropropene	ND		ug/kg	0.92	0.29	1
Bromoform	ND		ug/kg	7.3	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.92	0.30	1
Benzene	ND		ug/kg	0.92	0.30	1
Toluene	ND		ug/kg	1.8	0.99	1
Ethylbenzene	ND		ug/kg	1.8	0.26	1
Chloromethane	ND		ug/kg	7.3	1.7	1
Bromomethane	ND		ug/kg	3.7	1.1	1
Vinyl chloride	ND		ug/kg	1.8	0.61	1
Chloroethane	ND		ug/kg	3.7	0.83	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.44	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.25	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-06 Date Collected: 06/24/24 09:30

Client ID: G8_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.92	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	3.7	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	3.7	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	3.7	0.31	1
Methyl tert butyl ether	ND		ug/kg	3.7	0.37	1
p/m-Xylene	ND		ug/kg	3.7	1.0	1
o-Xylene	ND		ug/kg	1.8	0.53	1
Xylenes, Total	ND		ug/kg	1.8	0.53	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.32	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.25	1
Dibromomethane	ND		ug/kg	3.7	0.44	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	18	1.7	1
Acetone	ND		ug/kg	18	8.8	1
Carbon disulfide	ND		ug/kg	18	8.3	1
2-Butanone	ND		ug/kg	18	4.1	1
Vinyl acetate	ND		ug/kg	18	3.9	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	3.7	0.23	1
2-Hexanone	ND		ug/kg	18	2.2	1
Bromochloromethane	ND		ug/kg	3.7	0.38	1
2,2-Dichloropropane	ND		ug/kg	3.7	0.37	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.51	1
1,3-Dichloropropane	ND		ug/kg	3.7	0.30	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.92	0.24	1
Bromobenzene	ND		ug/kg	3.7	0.26	1
n-Butylbenzene	ND		ug/kg	1.8	0.30	1
sec-Butylbenzene	ND		ug/kg	1.8	0.27	1
tert-Butylbenzene	ND		ug/kg	3.7	0.22	1
o-Chlorotoluene	ND		ug/kg	3.7	0.35	1
p-Chlorotoluene	ND		ug/kg	3.7	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.3	0.31	1
Isopropylbenzene	ND		ug/kg	1.8	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.20	1
Naphthalene	ND		ug/kg	7.3	1.2	1
Acrylonitrile	ND		ug/kg	7.3	2.1	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-06 Date Collected: 06/24/24 09:30

Client ID: G8_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.8	0.31	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.7	0.59	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.7	0.50	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.7	0.35	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.7	0.61	1
1,4-Dioxane	ND		ug/kg	150	64.	1
p-Diethylbenzene	ND		ug/kg	3.7	0.32	1
p-Ethyltoluene	ND		ug/kg	3.7	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.7	0.35	1
Ethyl ether	ND		ug/kg	3.7	0.62	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.2	2.6	1
Tentatively Identified Compounds						
Total TIC Compounds	24.3	J	ug/kg			1
Unknown	24.3	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-10
Client ID: G9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 10:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 12:39
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.7	3.5	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.3	0.22	1
Carbon tetrachloride	ND		ug/kg	1.5	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.41	1
Tetrachloroethene	ND		ug/kg	0.77	0.30	1
Chlorobenzene	ND		ug/kg	0.77	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.2	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.77	0.26	1
Bromodichloromethane	ND		ug/kg	0.77	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.42	1
cis-1,3-Dichloropropene	ND		ug/kg	0.77	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.77	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.77	0.24	1
Bromoform	ND		ug/kg	6.2	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.77	0.26	1
Benzene	ND		ug/kg	0.77	0.26	1
Toluene	ND		ug/kg	1.5	0.84	1
Ethylbenzene	ND		ug/kg	1.5	0.22	1
Chloromethane	ND		ug/kg	6.2	1.4	1
Bromomethane	ND		ug/kg	3.1	0.90	1
Vinyl chloride	ND		ug/kg	1.5	0.52	1
Chloroethane	ND		ug/kg	3.1	0.70	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-10 Date Collected: 06/24/24 10:20

Client ID: G9_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.77	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.1	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.1	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.31	1
p/m-Xylene	ND		ug/kg	3.1	0.86	1
o-Xylene	ND		ug/kg	1.5	0.45	1
Xylenes, Total	ND		ug/kg	1.5	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.27	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	3.1	0.37	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	7.4	J	ug/kg	15	7.4	1
Carbon disulfide	ND		ug/kg	15	7.0	1
2-Butanone	ND		ug/kg	15	3.4	1
Vinyl acetate	ND		ug/kg	15	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	15	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.1	0.20	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.1	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.1	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.43	1
1,3-Dichloropropane	ND		ug/kg	3.1	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.77	0.20	1
Bromobenzene	ND		ug/kg	3.1	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.26	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.1	0.18	1
o-Chlorotoluene	ND		ug/kg	3.1	0.30	1
p-Chlorotoluene	ND		ug/kg	3.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.2	0.26	1
Isopropylbenzene	ND		ug/kg	1.5	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.17	1
Naphthalene	ND		ug/kg	6.2	1.0	1
Acrylonitrile	ND		ug/kg	6.2	1.8	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-10 Date Collected: 06/24/24 10:20

Client ID: G9_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.1	0.50	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.1	0.42	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.1	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.1	0.52	1
1,4-Dioxane	ND		ug/kg	120	54.	1
p-Diethylbenzene	ND		ug/kg	3.1	0.27	1
p-Ethyltoluene	ND		ug/kg	3.1	0.59	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.1	0.30	1
Ethyl ether	ND		ug/kg	3.1	0.53	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.7	2.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-14
Client ID: G10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 10:50
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 13:20
Analyst: AJK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.70	0.28	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.98	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.70	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.82	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-14 Date Collected: 06/24/24 10:50

Client ID: G10_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.79	1
o-Xylene	ND		ug/kg	1.4	0.41	1
Xylenes, Total	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	8.6	J	ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.70	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.6	0.91	1
Acrylonitrile	ND		ug/kg	5.6	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-14 Date Collected: 06/24/24 10:50

Client ID: G10_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	49.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.54	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	2.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-18
Client ID: G11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 12:10
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 13:46
Analyst: AJK
Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.5	4.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.28	1
Chloroform	ND		ug/kg	2.8	0.27	1
Carbon tetrachloride	ND		ug/kg	1.9	0.44	1
1,2-Dichloropropane	ND		ug/kg	1.9	0.24	1
Dibromochloromethane	ND		ug/kg	1.9	0.27	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.51	1
Tetrachloroethene	ND		ug/kg	0.95	0.37	1
Chlorobenzene	ND		ug/kg	0.95	0.24	1
Trichlorofluoromethane	ND		ug/kg	7.6	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.9	0.49	1
1,1,1-Trichloroethane	ND		ug/kg	0.95	0.32	1
Bromodichloromethane	ND		ug/kg	0.95	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.9	0.52	1
cis-1,3-Dichloropropene	ND		ug/kg	0.95	0.30	1
1,3-Dichloropropene, Total	ND		ug/kg	0.95	0.30	1
1,1-Dichloropropene	ND		ug/kg	0.95	0.30	1
Bromoform	ND		ug/kg	7.6	0.47	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.95	0.32	1
Benzene	ND		ug/kg	0.95	0.32	1
Toluene	ND		ug/kg	1.9	1.0	1
Ethylbenzene	ND		ug/kg	1.9	0.27	1
Chloromethane	ND		ug/kg	7.6	1.8	1
Bromomethane	ND		ug/kg	3.8	1.1	1
Vinyl chloride	ND		ug/kg	1.9	0.64	1
Chloroethane	ND		ug/kg	3.8	0.86	1
1,1-Dichloroethene	ND		ug/kg	1.9	0.45	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	0.26	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-18 Date Collected: 06/24/24 12:10

Client ID: G11_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.95	0.26	1
1,2-Dichlorobenzene	ND		ug/kg	3.8	0.27	1
1,3-Dichlorobenzene	ND		ug/kg	3.8	0.28	1
1,4-Dichlorobenzene	ND		ug/kg	3.8	0.32	1
Methyl tert butyl ether	ND		ug/kg	3.8	0.38	1
p/m-Xylene	ND		ug/kg	3.8	1.1	1
o-Xylene	ND		ug/kg	1.9	0.55	1
Xylenes, Total	ND		ug/kg	1.9	0.55	1
cis-1,2-Dichloroethene	ND		ug/kg	1.9	0.33	1
1,2-Dichloroethene, Total	ND		ug/kg	1.9	0.26	1
Dibromomethane	ND		ug/kg	3.8	0.45	1
Styrene	ND		ug/kg	1.9	0.37	1
Dichlorodifluoromethane	ND		ug/kg	19	1.7	1
Acetone	ND		ug/kg	19	9.2	1
Carbon disulfide	ND		ug/kg	19	8.7	1
2-Butanone	ND		ug/kg	19	4.2	1
Vinyl acetate	ND		ug/kg	19	4.1	1
4-Methyl-2-pentanone	ND		ug/kg	19	2.4	1
1,2,3-Trichloropropane	ND		ug/kg	3.8	0.24	1
2-Hexanone	ND		ug/kg	19	2.2	1
Bromochloromethane	ND		ug/kg	3.8	0.39	1
2,2-Dichloropropane	ND		ug/kg	3.8	0.38	1
1,2-Dibromoethane	ND		ug/kg	1.9	0.53	1
1,3-Dichloropropane	ND		ug/kg	3.8	0.32	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.95	0.25	1
Bromobenzene	ND		ug/kg	3.8	0.28	1
n-Butylbenzene	ND		ug/kg	1.9	0.32	1
sec-Butylbenzene	ND		ug/kg	1.9	0.28	1
tert-Butylbenzene	ND		ug/kg	3.8	0.22	1
o-Chlorotoluene	ND		ug/kg	3.8	0.36	1
p-Chlorotoluene	ND		ug/kg	3.8	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	1.9	1
Hexachlorobutadiene	ND		ug/kg	7.6	0.32	1
Isopropylbenzene	ND		ug/kg	1.9	0.21	1
p-Isopropyltoluene	ND		ug/kg	1.9	0.21	1
Naphthalene	ND		ug/kg	7.6	1.2	1
Acrylonitrile	ND		ug/kg	7.6	2.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-18 Date Collected: 06/24/24 12:10

Client ID: G11_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.9	0.32	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.8	0.61	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.8	0.52	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.8	0.37	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.8	0.64	1
1,4-Dioxane	ND		ug/kg	150	67.	1
p-Diethylbenzene	ND		ug/kg	3.8	0.34	1
p-Ethyltoluene	ND		ug/kg	3.8	0.73	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.8	0.36	1
Ethyl ether	ND		ug/kg	3.8	0.65	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.5	2.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-22
Client ID: G13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 12:45
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 14:18
Analyst: AJK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-22 Date Collected: 06/24/24 12:45

Client ID: G13_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	6.6	J	ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.81	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-22 Date Collected: 06/24/24 12:45

Client ID: G13_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-26
Client ID: G14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 13:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 14:44
Analyst: AJK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-26 Date Collected: 06/24/24 13:20

Client ID: G14_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-26 Date Collected: 06/24/24 13:20

Client ID: G14_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-30
Client ID: DUP_06242024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 12:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 15:10
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-30 Date Collected: 06/24/24 12:00

Client ID: DUP_06242024 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.16	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.3	0.86	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-30 Date Collected: 06/24/24 12:00

Client ID: DUP_06242024 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-31
Client ID: TB_06242024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 00:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 06/26/24 10:16
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-31 Date Collected: 06/20/24 00:00

Client ID: TB_06242024 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-31 Date Collected: 06/20/24 00:00

Client ID: TB_06242024 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 08:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG1939619-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 08:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG1939619-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 08:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG1939619-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 08:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG1939619-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 11:18
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,10,14,18,22,26,30 Batch: WG1940783-5					
Methylene chloride	3.6	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.41	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 11:18
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,10,14,18,22,26,30 Batch: WG1940783-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 11:18
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,10,14,18,22,26,30 Batch: WG1940783-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.38	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	0.28	J	ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 11:18
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,10,14,18,22,26,30 Batch: WG1940783-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/01/24 08:58
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1941712-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.49	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/01/24 08:58
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1941712-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/01/24 08:58
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1941712-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	10.9	J	ug/kg
Unknown	10.9	J	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/01/24 08:58
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1941712-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1939619-3 WG1939619-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		120		70-130	9		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	94		97		63-132	3		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	82		83		63-130	1		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	93		94		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	80		86		62-150	7		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	97		98		67-130	1		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	99		99		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	70		70		54-136	0		20
1,1,2,2-Tetrachloroethane	95		98		67-130	3		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	92		92		64-130	0		20
Bromomethane	44		46		39-139	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1939619-3 WG1939619-4								
Vinyl chloride	100		98		55-140	2		20
Chloroethane	100		99		55-138	1		20
1,1-Dichloroethene	80		89		61-145	11		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	99		99		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	92		92		63-130	0		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	94		95		70-130	1		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	94		95		70-130	1		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	94		93		36-147	1		20
Acetone	100		100		58-148	0		20
Carbon disulfide	86		94		51-130	9		20
2-Butanone	94		96		63-138	2		20
Vinyl acetate	110		100		70-130	10		20
4-Methyl-2-pentanone	87		95		59-130	9		20
2-Hexanone	92		95		57-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1939619-3 WG1939619-4								
Bromochloromethane	92		91		70-130	1		20
2,2-Dichloropropane	120		110		63-133	9		20
1,2-Dibromoethane	96		95		70-130	1		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	87		89		64-130	2		20
Bromobenzene	95		96		70-130	1		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	120		120		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	70		72		41-144	3		20
Hexachlorobutadiene	83		89		63-130	7		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	100		110		70-130	10		20
Naphthalene	83		85		70-130	2		20
n-Propylbenzene	120		120		69-130	0		20
1,2,3-Trichlorobenzene	80		85		70-130	6		20
1,2,4-Trichlorobenzene	84		87		70-130	4		20
1,3,5-Trimethylbenzene	100		110		64-130	10		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	92		90		56-162	2		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1939619-3 WG1939619-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	96		97		70-130	1		20
Ethyl ether	70		77		59-134	10		20
trans-1,4-Dichloro-2-butene	80		80		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	115		113		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	112		111		70-130
Dibromofluoromethane	95		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,10,14,18,22,26,30 Batch: WG1940783-3 WG1940783-4								
Methylene chloride	103		100		70-130	3		30
1,1-Dichloroethane	101		100		70-130	1		30
Chloroform	93		93		70-130	0		30
Carbon tetrachloride	95		93		70-130	2		30
1,2-Dichloropropane	100		101		70-130	1		30
Dibromochloromethane	93		96		70-130	3		30
1,1,2-Trichloroethane	91		93		70-130	2		30
Tetrachloroethene	101		102		70-130	1		30
Chlorobenzene	102		102		70-130	0		30
Trichlorofluoromethane	109		106		70-139	3		30
1,2-Dichloroethane	90		92		70-130	2		30
1,1,1-Trichloroethane	96		96		70-130	0		30
Bromodichloromethane	89		91		70-130	2		30
trans-1,3-Dichloropropene	95		99		70-130	4		30
cis-1,3-Dichloropropene	97		97		70-130	0		30
1,1-Dichloropropene	103		102		70-130	1		30
Bromoform	83		87		70-130	5		30
1,1,2,2-Tetrachloroethane	91		94		70-130	3		30
Benzene	102		102		70-130	0		30
Toluene	101		102		70-130	1		30
Ethylbenzene	101		101		70-130	0		30
Chloromethane	89		86		52-130	3		30
Bromomethane	127		120		57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,10,14,18,22,26,30 Batch: WG1940783-3 WG1940783-4								
Vinyl chloride	116		112		67-130	4		30
Chloroethane	123		118		50-151	4		30
1,1-Dichloroethene	101		100		65-135	1		30
trans-1,2-Dichloroethene	100		98		70-130	2		30
Trichloroethene	94		94		70-130	0		30
1,2-Dichlorobenzene	100		102		70-130	2		30
1,3-Dichlorobenzene	104		104		70-130	0		30
1,4-Dichlorobenzene	102		104		70-130	2		30
Methyl tert butyl ether	91		92		66-130	1		30
p/m-Xylene	104		104		70-130	0		30
o-Xylene	101		100		70-130	1		30
cis-1,2-Dichloroethene	98		97		70-130	1		30
Dibromomethane	90		93		70-130	3		30
Styrene	102		102		70-130	0		30
Dichlorodifluoromethane	101		96		30-146	5		30
Acetone	70		79		54-140	12		30
Carbon disulfide	102		99		59-130	3		30
2-Butanone	75		85		70-130	13		30
Vinyl acetate	91		90		70-130	1		30
4-Methyl-2-pentanone	93		100		70-130	7		30
1,2,3-Trichloropropane	89		94		68-130	5		30
2-Hexanone	80		85		70-130	6		30
Bromochloromethane	95		95		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,10,14,18,22,26,30 Batch: WG1940783-3 WG1940783-4								
2,2-Dichloropropane	97		98		70-130	1		30
1,2-Dibromoethane	90		91		70-130	1		30
1,3-Dichloropropane	96		98		69-130	2		30
1,1,1,2-Tetrachloroethane	92		94		70-130	2		30
Bromobenzene	98		101		70-130	3		30
n-Butylbenzene	109		110		70-130	1		30
sec-Butylbenzene	104		104		70-130	0		30
tert-Butylbenzene	100		102		70-130	2		30
o-Chlorotoluene	98		99		70-130	1		30
p-Chlorotoluene	98		100		70-130	2		30
1,2-Dibromo-3-chloropropane	84		88		68-130	5		30
Hexachlorobutadiene	113		114		67-130	1		30
Isopropylbenzene	101		102		70-130	1		30
p-Isopropyltoluene	106		107		70-130	1		30
Naphthalene	91		96		70-130	5		30
Acrylonitrile	85		88		70-130	3		30
n-Propylbenzene	105		105		70-130	0		30
1,2,3-Trichlorobenzene	102		102		70-130	0		30
1,2,4-Trichlorobenzene	111		114		70-130	3		30
1,3,5-Trimethylbenzene	101		102		70-130	1		30
1,2,4-Trimethylbenzene	103		103		70-130	0		30
1,4-Dioxane	117		129		65-136	10		30
p-Diethylbenzene	108		109		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,10,14,18,22,26,30 Batch: WG1940783-3 WG1940783-4								
p-Ethyltoluene	104		104		70-130	0		30
1,2,4,5-Tetramethylbenzene	103		104		70-130	1		30
Ethyl ether	96		96		67-130	0		30
trans-1,4-Dichloro-2-butene	86		91		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		88		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	94		96		70-130
Dibromofluoromethane	93		93		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1941712-3 WG1941712-4								
Methylene chloride	87		85		70-130	2		30
1,1-Dichloroethane	110		107		70-130	3		30
Chloroform	109		106		70-130	3		30
Carbon tetrachloride	111		106		70-130	5		30
1,2-Dichloropropane	108		106		70-130	2		30
Dibromochloromethane	100		100		70-130	0		30
1,1,2-Trichloroethane	101		98		70-130	3		30
Tetrachloroethene	110		103		70-130	7		30
Chlorobenzene	102		97		70-130	5		30
Trichlorofluoromethane	109		103		70-139	6		30
1,2-Dichloroethane	102		104		70-130	2		30
1,1,1-Trichloroethane	113		108		70-130	5		30
Bromodichloromethane	106		104		70-130	2		30
trans-1,3-Dichloropropene	105		102		70-130	3		30
cis-1,3-Dichloropropene	107		106		70-130	1		30
1,1-Dichloropropene	115		109		70-130	5		30
Bromoform	95		93		70-130	2		30
1,1,2,2-Tetrachloroethane	103		102		70-130	1		30
Benzene	107		104		70-130	3		30
Toluene	103		98		70-130	5		30
Ethylbenzene	106		100		70-130	6		30
Chloromethane	107		102		52-130	5		30
Bromomethane	92		87		57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1941712-3 WG1941712-4								
Vinyl chloride	113		104		67-130	8		30
Chloroethane	113		104		50-151	8		30
1,1-Dichloroethene	112		105		65-135	6		30
trans-1,2-Dichloroethene	109		102		70-130	7		30
Trichloroethene	106		102		70-130	4		30
1,2-Dichlorobenzene	100		99		70-130	1		30
1,3-Dichlorobenzene	104		102		70-130	2		30
1,4-Dichlorobenzene	101		100		70-130	1		30
Methyl tert butyl ether	100		97		66-130	3		30
p/m-Xylene	106		101		70-130	5		30
o-Xylene	106		100		70-130	6		30
cis-1,2-Dichloroethene	103		101		70-130	2		30
Dibromomethane	107		105		70-130	2		30
Styrene	105		100		70-130	5		30
Dichlorodifluoromethane	108		96		30-146	12		30
Acetone	92		87		54-140	6		30
Carbon disulfide	103		97		59-130	6		30
2-Butanone	94		97		70-130	3		30
Vinyl acetate	128		127		70-130	1		30
4-Methyl-2-pentanone	92		91		70-130	1		30
1,2,3-Trichloropropane	97		98		68-130	1		30
2-Hexanone	85		89		70-130	5		30
Bromochloromethane	104		101		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1941712-3 WG1941712-4								
2,2-Dichloropropane	112		109		70-130	3		30
1,2-Dibromoethane	103		102		70-130	1		30
1,3-Dichloropropane	102		98		69-130	4		30
1,1,1,2-Tetrachloroethane	104		102		70-130	2		30
Bromobenzene	98		96		70-130	2		30
n-Butylbenzene	109		106		70-130	3		30
sec-Butylbenzene	107		103		70-130	4		30
tert-Butylbenzene	104		102		70-130	2		30
o-Chlorotoluene	103		99		70-130	4		30
p-Chlorotoluene	103		100		70-130	3		30
1,2-Dibromo-3-chloropropane	91		90		68-130	1		30
Hexachlorobutadiene	97		94		67-130	3		30
Isopropylbenzene	106		102		70-130	4		30
p-Isopropyltoluene	106		103		70-130	3		30
Naphthalene	83		83		70-130	0		30
Acrylonitrile	106		106		70-130	0		30
n-Propylbenzene	107		105		70-130	2		30
1,2,3-Trichlorobenzene	86		87		70-130	1		30
1,2,4-Trichlorobenzene	96		96		70-130	0		30
1,3,5-Trimethylbenzene	106		103		70-130	3		30
1,2,4-Trimethylbenzene	104		101		70-130	3		30
1,4-Dioxane	94		90		65-136	4		30
p-Diethylbenzene	107		103		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1941712-3 WG1941712-4								
p-Ethyltoluene	105		103		70-130	2		30
1,2,4,5-Tetramethylbenzene	100		98		70-130	2		30
Ethyl ether	101		98		67-130	3		30
trans-1,4-Dichloro-2-butene	102		105		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		98		70-130
Toluene-d8	99		97		70-130
4-Bromofluorobenzene	95		98		70-130
Dibromofluoromethane	100		103		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1941712-6 WG1941712-7 QC Sample: L2435567-06 Client ID: G8_0.2-2												
Methylene chloride	ND	161	130	79		150	81		70-130	19		30
1,1-Dichloroethane	ND	161	160	102		200	105		70-130	20		30
Chloroform	ND	161	150	96		190	98		70-130	19		30
Carbon tetrachloride	ND	161	150	96		190	98		70-130	20		30
1,2-Dichloropropane	ND	161	150	92		180	93		70-130	19		30
Dibromochloromethane	ND	161	130	81		140	76		70-130	10		30
1,1,2-Trichloroethane	ND	161	130	82		150	80		70-130	15		30
Tetrachloroethene	ND	161	90	**56**	Q	130	**66**	Q	70-130	**33**	Q	30
Chlorobenzene	ND	161	87	**54**	Q	110	**58**	Q	70-130	23		30
Trichlorofluoromethane	ND	161	180	113		210	109		70-139	14		30
1,2-Dichloroethane	ND	161	150	91		180	92		70-130	18		30
1,1,1-Trichloroethane	ND	161	160	100		200	103		70-130	20		30
Bromodichloromethane	ND	161	140	88		170	89		70-130	18		30
trans-1,3-Dichloropropene	ND	161	120	74		120	**64**	Q	70-130	3		30
cis-1,3-Dichloropropene	ND	161	120	77		120	**63**	Q	70-130	2		30
1,1-Dichloropropene	ND	161	140	88		180	94		70-130	24		30
Bromoform	ND	161	120	75		120	**64**	Q	70-130	2		30
1,1,2,2-Tetrachloroethane	ND	161	130	80		140	73		70-130	7		30
Benzene	ND	161	140	87		180	92		70-130	22		30
Toluene	ND	161	110	**67**	Q	140	73		70-130	27		30
Ethylbenzene	ND	161	79	**49**	Q	110	**59**	Q	70-130	**36**	Q	30
Chloromethane	ND	161	170	105		200	104		52-130	17		30
Bromomethane	ND	161	140	86		130	69		57-147	5		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1941712-6 WG1941712-7 QC Sample: L2435567-06 Client ID: G8_0.2-2												
Vinyl chloride	ND	161	180	112		220	113		67-130	18		30
Chloroethane	ND	161	180	111		210	112		50-151	17		30
1,1-Dichloroethene	ND	161	170	105		200	106		65-135	18		30
trans-1,2-Dichloroethene	ND	161	140	86		170	90		70-130	21		30
Trichloroethene	ND	161	120	73		150	79		70-130	25		30
1,2-Dichlorobenzene	ND	161	61	**38**	Q	66	**35**	Q	70-130	8		30
1,3-Dichlorobenzene	ND	161	54	**34**	Q	65	**34**	Q	70-130	19		30
1,4-Dichlorobenzene	ND	161	52	**32**	Q	59	**31**	Q	70-130	14		30
Methyl tert butyl ether	ND	161	150	93		180	94		66-130	18		30
p/m-Xylene	ND	321	150	**46**	Q	210	**55**	Q	70-130	**36**	Q	30
o-Xylene	ND	321	160	**50**	Q	220	**57**	Q	70-130	**31**	Q	30
cis-1,2-Dichloroethene	ND	161	140	86		170	89		70-130	20		30
Dibromomethane	ND	161	140	89		170	91		70-130	20		30
Styrene	ND	321	150	**46**	Q	180	**46**	Q	70-130	17		30
Dichlorodifluoromethane	ND	161	180	109		200	105		30-146	13		30
Acetone	ND	161	140	85		140	75		54-140	4		30
Carbon disulfide	ND	161	140	85		160	83		59-130	15		30
2-Butanone	ND	161	130	83		120	**62**	Q	70-130	13		30
Vinyl acetate	ND	161	34	**21**	Q	40	**21**	Q	70-130	17		30
4-Methyl-2-pentanone	ND	161	120	76		110	**56**	Q	70-130	14		30
1,2,3-Trichloropropane	ND	161	120	75		140	71		68-130	12		30
2-Hexanone	ND	161	80	**50**	Q	40	**21**	Q	70-130	**68**	Q	30
Bromochloromethane	ND	161	140	89		180	92		70-130	20		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1941712-6 WG1941712-7 QC Sample: L2435567-06 Client ID: G8_0.2-2												
2,2-Dichloropropane	ND	161	160	100		190	99		70-130	17		30
1,2-Dibromoethane	ND	161	130	80		150	76		70-130	12		30
1,3-Dichloropropane	ND	161	130	80		150	80		69-130	17		30
1,1,1,2-Tetrachloroethane	ND	161	120	72		140	73		70-130	19		30
Bromobenzene	ND	161	76	**47**	Q	89	**47**	Q	70-130	17		30
n-Butylbenzene	ND	161	30	**18**	Q	51	**26**	Q	70-130	**52**	Q	30
sec-Butylbenzene	ND	161	43	**27**	Q	74	**39**	Q	70-130	**52**	Q	30
tert-Butylbenzene	ND	161	54	**34**	Q	87	**45**	Q	70-130	**46**	Q	30
o-Chlorotoluene	ND	161	60	**37**	Q	84	**44**	Q	70-130	**33**	Q	30
p-Chlorotoluene	ND	161	54	**34**	Q	74	**39**	Q	70-130	**31**	Q	30
1,2-Dibromo-3-chloropropane	ND	161	120	72		110	**57**	Q	68-130	5		30
Hexachlorobutadiene	ND	161	17	**11**	Q	33	**17**	Q	67-130	**61**	Q	30
Isopropylbenzene	ND	161	65	**40**	Q	100	**53**	Q	70-130	**45**	Q	30
p-Isopropyltoluene	ND	161	37	**23**	Q	62	**33**	Q	70-130	**51**	Q	30
Naphthalene	ND	161	63	**39**	Q	45	**24**	Q	70-130	**33**	Q	30
Acrylonitrile	ND	161	140	88		110	**58**	Q	70-130	25		30
n-Propylbenzene	ND	161	51	**32**	Q	84	**44**	Q	70-130	**49**	Q	30
1,2,3-Trichlorobenzene	ND	161	39	**24**	Q	32	**17**	Q	70-130	22		30
1,2,4-Trichlorobenzene	ND	161	38	**24**	Q	34	**18**	Q	70-130	10		30
1,3,5-Trimethylbenzene	ND	161	54	**34**	Q	81	**42**	Q	70-130	**40**	Q	30
1,2,4-Trimethylbenzene	ND	161	51	**32**	Q	74	**39**	Q	70-130	**37**	Q	30
1,4-Dioxane	ND	8030	7200	90		8500	89		65-136	17		30
p-Diethylbenzene	ND	161	32	**20**	Q	52	**27**	Q	70-130	**47**	Q	30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1941712-6 WG1941712-7 QC Sample: L2435567-06 Client ID: G8_0.2-2												
p-Ethyltoluene	ND	161	47	**29**	Q	76	**40**	Q	70-130	**47**	Q	30
1,2,4,5-Tetramethylbenzene	ND	161	38	**24**	Q	47	**25**	Q	70-130	21		30
Ethyl ether	ND	161	150	95		180	96		67-130	19		30
trans-1,4-Dichloro-2-butene	ND	161	98	**61**	Q	59	**31**	Q	70-130	**50**	Q	30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		107		70-130
4-Bromofluorobenzene	95		98		70-130
Dibromofluoromethane	99		101		70-130
Toluene-d8	98		98		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-02
Client ID: G7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 09:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 02:09
Analyst: ALS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	53	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-02 Date Collected: 06/24/24 09:00

Client ID: G7_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	25	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	23	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	29	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	44	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-02 Date Collected: 06/24/24 09:00

Client ID: G7_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	446	J	ug/kg			1
Unknown Organic Acid	267	J	ug/kg			1
Unknown Organic Acid	179	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	80		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-06
Client ID: G8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 09:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 03:21
Analyst: ALS
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	40.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	76.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	75.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-06 Date Collected: 06/24/24 09:30

Client ID: G8_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	29.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	91.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	73.	1
2-Nitrophenol	ND		ug/kg	480	83.	1
4-Nitrophenol	ND		ug/kg	310	90.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	100	1
Pentachlorophenol	ND		ug/kg	180	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	34.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-06 Date Collected: 06/24/24 09:30

Client ID: G8_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	710	220	1
Benzyl Alcohol	ND		ug/kg	220	67.	1
Carbazole	ND		ug/kg	220	21.	1
1,4-Dioxane	ND		ug/kg	33	10.	1
Tentatively Identified Compounds						
Total TIC Compounds	895	J	ug/kg			1
Unknown Organic Acid	350	J	ug/kg			1
Unknown	194	J	ug/kg			1
Unknown Amide	351	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	94		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-10
Client ID: G9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 10:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 00:57
Analyst: ALS
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-10 Date Collected: 06/24/24 10:20

Client ID: G9_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-10 Date Collected: 06/24/24 10:20

Client ID: G9_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	71		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-14
Client ID: G10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 10:50
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 00:21
Analyst: ALS
Percent Solids: 84%
Extraction Method: EPA 3546
Extraction Date: 06/29/24 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-14 Date Collected: 06/24/24 10:50

Client ID: G10_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-14 Date Collected: 06/24/24 10:50

Client ID: G10_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
Total TIC Compounds	357	J	ug/kg			1
Unknown Alkane	160	J	ug/kg			1
Unknown	197	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	76		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-18
Client ID: G11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 12:10
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/30/24 21:20
Analyst: ALS
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	40.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	39.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	75.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-18 Date Collected: 06/24/24 12:10

Client ID: G11_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	29.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	73.	1
2-Nitrophenol	ND		ug/kg	480	83.	1
4-Nitrophenol	ND		ug/kg	310	90.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-18 Date Collected: 06/24/24 12:10

Client ID: G11_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	720	220	1
Benzyl Alcohol	ND		ug/kg	220	68.	1
Carbazole	ND		ug/kg	220	22.	1
1,4-Dioxane	ND		ug/kg	33	10.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	72		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-22
Client ID: G13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 12:45
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/30/24 21:56
Analyst: ALS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-22 Date Collected: 06/24/24 12:45

Client ID: G13_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-22 Date Collected: 06/24/24 12:45

Client ID: G13_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	74		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-26
Client ID: G14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 13:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 01:51
Analyst: ALS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 00:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	38	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-26 Date Collected: 06/24/24 13:20

Client ID: G14_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	25	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	22	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	40	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-26 Date Collected: 06/24/24 13:20

Client ID: G14_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	77		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-30
Client ID: DUP_06242024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 12:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 13:03
Analyst: LJG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 09:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	34	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	47	J	ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-30 Date Collected: 06/24/24 12:00

Client ID: DUP_06242024 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	24	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	24	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	30	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-30 Date Collected: 06/24/24 12:00

Client ID: DUP_06242024 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.0	1
Tentatively Identified Compounds						
Total TIC Compounds	1620	J	ug/kg			1
Unknown	287	J	ug/kg			1
Unknown Organic Acid	677	J	ug/kg			1
Unknown	246	J	ug/kg			1
Unknown	410	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	100		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	69		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/29/24 00:07
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/28/24 01:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG1940567-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/29/24 00:07
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/28/24 01:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG1940567-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/29/24 00:07
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/28/24 01:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG1940567-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	83		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/30/24 18:37
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/29/24 00:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22 Batch: WG1941065-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	28.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	57.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	31.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/30/24 18:37
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/29/24 00:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22 Batch: WG1941065-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/30/24 18:37
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/29/24 00:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22 Batch: WG1941065-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	88		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/30/24 13:34
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/29/24 09:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30 Batch: WG1941188-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/30/24 13:34
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/29/24 09:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30 Batch: WG1941188-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/30/24 13:34
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/29/24 09:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30 Batch: WG1941188-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	66		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG1940567-2 WG1940567-3								
Acenaphthene	82		79		31-137	4		50
1,2,4-Trichlorobenzene	85		77		38-107	10		50
Hexachlorobenzene	77		76		40-140	1		50
Bis(2-chloroethyl)ether	89		82		40-140	8		50
2-Chloronaphthalene	84		80		40-140	5		50
1,2-Dichlorobenzene	83		74		40-140	11		50
1,3-Dichlorobenzene	82		74		40-140	10		50
1,4-Dichlorobenzene	82		74		28-104	10		50
3,3'-Dichlorobenzidine	72		72		40-140	0		50
2,4-Dinitrotoluene	96		93		40-132	3		50
2,6-Dinitrotoluene	98		94		40-140	4		50
Fluoranthene	82		79		40-140	4		50
4-Chlorophenyl phenyl ether	79		77		40-140	3		50
4-Bromophenyl phenyl ether	81		78		40-140	4		50
Bis(2-chloroisopropyl)ether	119		109		40-140	9		50
Bis(2-chloroethoxy)methane	92		87		40-117	6		50
Hexachlorobutadiene	82		77		40-140	6		50
Hexachlorocyclopentadiene	92		88		40-140	4		50
Hexachloroethane	91		81		40-140	12		50
Isophorone	90		85		40-140	6		50
Naphthalene	84		78		40-140	7		50
Nitrobenzene	92		87		40-140	6		50
NDPA/DPA	82		80		36-157	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG1940567-2 WG1940567-3								
n-Nitrosodi-n-propylamine	92		86		32-121	7		50
Bis(2-ethylhexyl)phthalate	102		100		40-140	2		50
Butyl benzyl phthalate	99		96		40-140	3		50
Di-n-butylphthalate	85		82		40-140	4		50
Di-n-octylphthalate	108		104		40-140	4		50
Diethyl phthalate	81		78		40-140	4		50
Dimethyl phthalate	82		79		40-140	4		50
Benzo(a)anthracene	89		86		40-140	3		50
Benzo(a)pyrene	87		85		40-140	2		50
Benzo(b)fluoranthene	90		86		40-140	5		50
Benzo(k)fluoranthene	83		82		40-140	1		50
Chrysene	87		86		40-140	1		50
Acenaphthylene	80		76		40-140	5		50
Anthracene	83		81		40-140	2		50
Benzo(ghi)perylene	87		83		40-140	5		50
Fluorene	82		80		40-140	2		50
Phenanthrene	82		78		40-140	5		50
Dibenzo(a,h)anthracene	85		83		40-140	2		50
Indeno(1,2,3-cd)pyrene	89		86		40-140	3		50
Pyrene	83		80		35-142	4		50
Biphenyl	84		80		37-127	5		50
4-Chloroaniline	84		78		40-140	7		50
2-Nitroaniline	102		100		47-134	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG1940567-2 WG1940567-3								
3-Nitroaniline	71		71		26-129	0		50
4-Nitroaniline	88		86		41-125	2		50
Dibenzofuran	78		77		40-140	1		50
2-Methylnaphthalene	87		85		40-140	2		50
1,2,4,5-Tetrachlorobenzene	87		82		40-117	6		50
Acetophenone	92		87		14-144	6		50
2,4,6-Trichlorophenol	94		91		30-130	3		50
p-Chloro-m-cresol	91		88		26-103	3		50
2-Chlorophenol	92		87		25-102	6		50
2,4-Dichlorophenol	91		87		30-130	4		50
2,4-Dimethylphenol	103		97		30-130	6		50
2-Nitrophenol	106		100		30-130	6		50
4-Nitrophenol	112		110		11-114	2		50
2,4-Dinitrophenol	101		99		4-130	2		50
4,6-Dinitro-o-cresol	105		103		10-130	2		50
Pentachlorophenol	75		73		17-109	3		50
Phenol	87		82		26-90	6		50
2-Methylphenol	95		90		30-130.	5		50
3-Methylphenol/4-Methylphenol	102		95		30-130	7		50
2,4,5-Trichlorophenol	93		91		30-130	2		50
Benzoic Acid	101		99		10-110	2		50
Benzyl Alcohol	92		87		40-140	6		50
Carbazole	85		82		54-128	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG1940567-2 WG1940567-3								
1,4-Dioxane	75		61		40-140	21		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	94		85		25-120
Phenol-d6	90		85		10-120
Nitrobenzene-d5	90		82		23-120
2-Fluorobiphenyl	78		74		30-120
2,4,6-Tribromophenol	74		70		10-136
4-Terphenyl-d14	75		71		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22 Batch: WG1941065-2 WG1941065-3								
Acenaphthene	80		78		31-137	3		50
1,2,4-Trichlorobenzene	83		82		38-107	1		50
Hexachlorobenzene	89		91		40-140	2		50
Bis(2-chloroethyl)ether	82		80		40-140	2		50
2-Chloronaphthalene	84		84		40-140	0		50
1,2-Dichlorobenzene	78		76		40-140	3		50
1,3-Dichlorobenzene	78		74		40-140	5		50
1,4-Dichlorobenzene	78		74		28-104	5		50
3,3'-Dichlorobenzidine	83		78		40-140	6		50
2,4-Dinitrotoluene	92		92		40-132	0		50
2,6-Dinitrotoluene	93		97		40-140	4		50
Fluoranthene	92		90		40-140	2		50
4-Chlorophenyl phenyl ether	94		93		40-140	1		50
4-Bromophenyl phenyl ether	95		96		40-140	1		50
Bis(2-chloroisopropyl)ether	72		72		40-140	0		50
Bis(2-chloroethoxy)methane	85		87		40-117	2		50
Hexachlorobutadiene	106		103		40-140	3		50
Hexachlorocyclopentadiene	82		81		40-140	1		50
Hexachloroethane	86		83		40-140	4		50
Isophorone	83		83		40-140	0		50
Naphthalene	82		80		40-140	2		50
Nitrobenzene	85		83		40-140	2		50
NDPA/DPA	84		84		36-157	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22 Batch: WG1941065-2 WG1941065-3								
n-Nitrosodi-n-propylamine	89		90		32-121	1		50
Bis(2-ethylhexyl)phthalate	87		89		40-140	2		50
Butyl benzyl phthalate	100		100		40-140	0		50
Di-n-butylphthalate	90		88		40-140	2		50
Di-n-octylphthalate	95		93		40-140	2		50
Diethyl phthalate	87		88		40-140	1		50
Dimethyl phthalate	88		91		40-140	3		50
Benzo(a)anthracene	89		85		40-140	5		50
Benzo(a)pyrene	98		82		40-140	18		50
Benzo(b)fluoranthene	97		81		40-140	18		50
Benzo(k)fluoranthene	92		82		40-140	11		50
Chrysene	90		85		40-140	6		50
Acenaphthylene	83		84		40-140	1		50
Anthracene	86		83		40-140	4		50
Benzo(ghi)perylene	89		85		40-140	5		50
Fluorene	83		82		40-140	1		50
Phenanthrene	81		78		40-140	4		50
Dibenzo(a,h)anthracene	86		83		40-140	4		50
Indeno(1,2,3-cd)pyrene	90		86		40-140	5		50
Pyrene	92		91		35-142	1		50
Biphenyl	80		80		37-127	0		50
4-Chloroaniline	69		71		40-140	3		50
2-Nitroaniline	92		93		47-134	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22 Batch: WG1941065-2 WG1941065-3								
3-Nitroaniline	64		67		26-129	5		50
4-Nitroaniline	78		80		41-125	3		50
Dibenzofuran	80		79		40-140	1		50
2-Methylnaphthalene	84		84		40-140	0		50
1,2,4,5-Tetrachlorobenzene	96		94		40-117	2		50
Acetophenone	84		84		14-144	0		50
2,4,6-Trichlorophenol	96		95		30-130	1		50
p-Chloro-m-cresol	93		92		26-103	1		50
2-Chlorophenol	86		84		25-102	2		50
2,4-Dichlorophenol	82		83		30-130	1		50
2,4-Dimethylphenol	82		83		30-130	1		50
2-Nitrophenol	88		88		30-130	0		50
4-Nitrophenol	83		86		11-114	4		50
2,4-Dinitrophenol	85		86		4-130	1		50
4,6-Dinitro-o-cresol	101		105		10-130	4		50
Pentachlorophenol	87		88		17-109	1		50
Phenol	88		87		26-90	1		50
2-Methylphenol	84		83		30-130.	1		50
3-Methylphenol/4-Methylphenol	80		81		30-130	1		50
2,4,5-Trichlorophenol	98		99		30-130	1		50
Benzoic Acid	70		70		10-110	0		50
Benzyl Alcohol	92		91		40-140	1		50
Carbazole	83		81		54-128	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22 Batch: WG1941065-2 WG1941065-3								
1,4-Dioxane	62		57		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	95		92		25-120
Phenol-d6	91		90		10-120
Nitrobenzene-d5	83		81		23-120
2-Fluorobiphenyl	84		84		30-120
2,4,6-Tribromophenol	92		91		10-136
4-Terphenyl-d14	92		94		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG1941188-2 WG1941188-3								
Acenaphthene	75		80		31-137	6		50
1,2,4-Trichlorobenzene	74		83		38-107	11		50
Hexachlorobenzene	69		74		40-140	7		50
Bis(2-chloroethyl)ether	78		87		40-140	11		50
2-Chloronaphthalene	74		80		40-140	8		50
1,2-Dichlorobenzene	73		81		40-140	10		50
1,3-Dichlorobenzene	72		80		40-140	11		50
1,4-Dichlorobenzene	71		80		28-104	12		50
3,3'-Dichlorobenzidine	61		66		40-140	8		50
2,4-Dinitrotoluene	86		94		40-132	9		50
2,6-Dinitrotoluene	84		95		40-140	12		50
Fluoranthene	74		79		40-140	7		50
4-Chlorophenyl phenyl ether	72		78		40-140	8		50
4-Bromophenyl phenyl ether	74		79		40-140	7		50
Bis(2-chloroisopropyl)ether	98		110		40-140	12		50
Bis(2-chloroethoxy)methane	82		92		40-117	11		50
Hexachlorobutadiene	73		80		40-140	9		50
Hexachlorocyclopentadiene	80		92		40-140	14		50
Hexachloroethane	77		86		40-140	11		50
Isophorone	80		89		40-140	11		50
Naphthalene	74		82		40-140	10		50
Nitrobenzene	83		92		40-140	10		50
NDPA/DPA	76		80		36-157	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG1941188-2 WG1941188-3								
n-Nitrosodi-n-propylamine	80		90		32-121	12		50
Bis(2-ethylhexyl)phthalate	92		100		40-140	8		50
Butyl benzyl phthalate	90		96		40-140	6		50
Di-n-butylphthalate	76		82		40-140	8		50
Di-n-octylphthalate	96		105		40-140	9		50
Diethyl phthalate	72		78		40-140	8		50
Dimethyl phthalate	73		79		40-140	8		50
Benzo(a)anthracene	78		84		40-140	7		50
Benzo(a)pyrene	78		86		40-140	10		50
Benzo(b)fluoranthene	81		86		40-140	6		50
Benzo(k)fluoranthene	74		82		40-140	10		50
Chrysene	80		86		40-140	7		50
Acenaphthylene	71		78		40-140	9		50
Anthracene	75		82		40-140	9		50
Benzo(ghi)perylene	76		84		40-140	10		50
Fluorene	73		79		40-140	8		50
Phenanthrene	73		79		40-140	8		50
Dibenzo(a,h)anthracene	75		84		40-140	11		50
Indeno(1,2,3-cd)pyrene	78		86		40-140	10		50
Pyrene	76		80		35-142	5		50
Biphenyl	74		81		37-127	9		50
4-Chloroaniline	80		86		40-140	7		50
2-Nitroaniline	91		100		47-134	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG1941188-2 WG1941188-3								
3-Nitroaniline	72		75		26-129	4		50
4-Nitroaniline	80		86		41-125	7		50
Dibenzofuran	71		78		40-140	9		50
2-Methylnaphthalene	77		84		40-140	9		50
1,2,4,5-Tetrachlorobenzene	75		84		40-117	11		50
Acetophenone	82		92		14-144	11		50
2,4,6-Trichlorophenol	83		92		30-130	10		50
p-Chloro-m-cresol	80		89		26-103	11		50
2-Chlorophenol	81		91		25-102	12		50
2,4-Dichlorophenol	82		90		30-130	9		50
2,4-Dimethylphenol	92		102		30-130	10		50
2-Nitrophenol	95		106		30-130	11		50
4-Nitrophenol	99		107		11-114	8		50
2,4-Dinitrophenol	89		99		4-130	11		50
4,6-Dinitro-o-cresol	94		102		10-130	8		50
Pentachlorophenol	68		74		17-109	8		50
Phenol	79		89		26-90	12		50
2-Methylphenol	85		94		30-130.	10		50
3-Methylphenol/4-Methylphenol	90		101		30-130	12		50
2,4,5-Trichlorophenol	84		92		30-130	9		50
Benzoic Acid	78		86		10-110	10		50
Benzyl Alcohol	81		91		40-140	12		50
Carbazole	77		84		54-128	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG1941188-2 WG1941188-3								
1,4-Dioxane	67		67		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		89		25-120
Phenol-d6	78		86		10-120
Nitrobenzene-d5	76		86		23-120
2-Fluorobiphenyl	68		73		30-120
2,4,6-Tribromophenol	62		66		10-136
4-Terphenyl-d14	64		69		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22 QC Batch ID: WG1941065-6 WG1941065-7 QC Sample: L2435567-06 Client ID: G8_0.2-2												
Acenaphthene	ND	1760	1400	79		1300	73		31-137	7		50
1,2,4-Trichlorobenzene	ND	1760	1500	85		1400	79		38-107	7		50
Hexachlorobenzene	ND	1760	1500	85		1400	79		40-140	7		50
Bis(2-chloroethyl)ether	ND	1760	1400	79		1400	79		40-140	0		50
2-Chloronaphthalene	ND	1760	1400	79		1400	79		40-140	0		50
1,2-Dichlorobenzene	ND	1760	1400	79		1200	68		40-140	15		50
1,3-Dichlorobenzene	ND	1760	1300	74		1200	68		40-140	8		50
1,4-Dichlorobenzene	ND	1760	1300	74		1300	73		28-104	0		50
3,3'-Dichlorobenzidine	ND	1760	1300	74		1200	68		40-140	8		50
2,4-Dinitrotoluene	ND	1760	1600	91		1500	85		40-132	6		50
2,6-Dinitrotoluene	ND	1760	1700	96		1500	85		40-140	13		50
Fluoranthene	ND	1760	1500	85		1400	79		40-140	7		50
4-Chlorophenyl phenyl ether	ND	1760	1600	91		1600	90		40-140	0		50
4-Bromophenyl phenyl ether	ND	1760	1600	91		1500	85		40-140	6		50
Bis(2-chloroisopropyl)ether	ND	1760	1200	68		1200	68		40-140	0		50
Bis(2-chloroethoxy)methane	ND	1760	1500	85		1400	79		40-117	7		50
Hexachlorobutadiene	ND	1760	1800	100		1700	96		40-140	6		50
Hexachlorocyclopentadiene	ND	1760	1300	74		1200	68		40-140	8		50
Hexachloroethane	ND	1760	1400	79		1400	79		40-140	0		50
Isophorone	ND	1760	1500	85		1400	79		40-140	7		50
Naphthalene	ND	1760	1400	79		1300	73		40-140	7		50
Nitrobenzene	ND	1760	1500	85		1400	79		40-140	7		50
NDPA/DPA	ND	1760	1400	79		1400	79		36-157	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22 QC Batch ID: WG1941065-6 WG1941065-7 QC Sample: L2435567-06 Client ID: G8_0.2-2												
n-Nitrosodi-n-propylamine	ND	1760	1600	91		1500	85		32-121	6		50
Bis(2-ethylhexyl)phthalate	ND	1760	1500	85		1400	79		40-140	7		50
Butyl benzyl phthalate	ND	1760	1500	85		1500	85		40-140	0		50
Di-n-butylphthalate	ND	1760	1500	85		1400	79		40-140	7		50
Di-n-octylphthalate	ND	1760	1600	91		1500	85		40-140	6		50
Diethyl phthalate	ND	1760	1500	85		1400	79		40-140	7		50
Dimethyl phthalate	ND	1760	1600	91		1500	85		40-140	6		50
Benzo(a)anthracene	ND	1760	1500	85		1400	79		40-140	7		50
Benzo(a)pyrene	ND	1760	1600	91		1500	85		40-140	6		50
Benzo(b)fluoranthene	ND	1760	1400	79		1400	79		40-140	0		50
Benzo(k)fluoranthene	ND	1760	1600	91		1500	85		40-140	6		50
Chrysene	ND	1760	1500	85		1400	79		40-140	7		50
Acenaphthylene	ND	1760	1400	79		1300	73		40-140	7		50
Anthracene	ND	1760	1400	79		1400	79		40-140	0		50
Benzo(ghi)perylene	ND	1760	1400	79		1400	79		40-140	0		50
Fluorene	ND	1760	1400	79		1300	73		40-140	7		50
Phenanthrene	ND	1760	1400	79		1300	73		40-140	7		50
Dibenzo(a,h)anthracene	ND	1760	1400	79		1300	73		40-140	7		50
Indeno(1,2,3-cd)pyrene	ND	1760	1500	85		1400	79		40-140	7		50
Pyrene	ND	1760	1400	79		1400	79		35-142	0		50
Biphenyl	ND	1760	1400	79		1300	73		37-127	7		50
4-Chloroaniline	ND	1760	1100	62		1100	62		40-140	0		50
2-Nitroaniline	ND	1760	1600	91		1500	85		47-134	6		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22 QC Batch ID: WG1941065-6 WG1941065-7 QC Sample: L2435567-06 Client ID: G8_0.2-2												
3-Nitroaniline	ND	1760	1200	68		1100	62		26-129	9		50
4-Nitroaniline	ND	1760	1300	74		1100	62		41-125	17		50
Dibenzofuran	ND	1760	1400	79		1300	73		40-140	7		50
2-Methylnaphthalene	ND	1760	1400	79		1400	79		40-140	0		50
1,2,4,5-Tetrachlorobenzene	ND	1760	1700	96		1600	90		40-117	6		50
Acetophenone	ND	1760	1500	85		1400	79		14-144	7		50
2,4,6-Trichlorophenol	ND	1760	1700	96		1600	90		30-130	6		50
p-Chloro-m-cresol	ND	1760	1600	91		1500	85		26-103	6		50
2-Chlorophenol	ND	1760	1500	85		1400	79		25-102	7		50
2,4-Dichlorophenol	ND	1760	1500	85		1400	79		30-130	7		50
2,4-Dimethylphenol	ND	1760	1400	79		1200	68		30-130	15		50
2-Nitrophenol	ND	1760	1500	85		1400	79		30-130	7		50
4-Nitrophenol	ND	1760	1400	79		1300	73		11-114	7		50
2,4-Dinitrophenol	ND	1760	740J	42		590J	33		4-130	23		50
4,6-Dinitro-o-cresol	ND	1760	1100	62		880	50		10-130	22		50
Pentachlorophenol	ND	1760	1500	85		1400	79		17-109	7		50
Phenol	ND	1760	1600	**91**	Q	1500	85		26-90	6		50
2-Methylphenol	ND	1760	1400	79		1300	73		30-130.	7		50
3-Methylphenol/4-Methylphenol	ND	1760	1400	79		1300	73		30-130	7		50
2,4,5-Trichlorophenol	ND	1760	1700	96		1700	96		30-130	0		50
Benzoic Acid	ND	1760	1100	62		1000	56		10-110	10		50
Benzyl Alcohol	ND	1760	1600	91		1500	85		40-140	6		50
Carbazole	ND	1760	1400	79		1300	73		54-128	7		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22 QC Batch ID: WG1941065-6 WG1941065-7 QC Sample: L2435567-06 Client ID: G8_0.2-2												
1,4-Dioxane	ND	1760	970	55		900	51		40-140	7		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	86		81		10-136
2-Fluorobiphenyl	79		75		30-120
2-Fluorophenol	90		84		25-120
4-Terphenyl-d14	75		74		18-120
Nitrobenzene-d5	82		76		23-120
Phenol-d6	88		82		10-120

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-02
Client ID: G7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 09:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 10:49
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 02:13
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.0	4.97	1	A
Aroclor 1221	ND		ug/kg	56.0	5.61	1	A
Aroclor 1232	ND		ug/kg	56.0	11.9	1	A
Aroclor 1242	ND		ug/kg	56.0	7.55	1	A
Aroclor 1248	ND		ug/kg	56.0	8.40	1	A
Aroclor 1254	ND		ug/kg	56.0	6.12	1	A
Aroclor 1260	ND		ug/kg	56.0	10.3	1	A
Aroclor 1262	ND		ug/kg	56.0	7.11	1	A
Aroclor 1268	ND		ug/kg	56.0	5.80	1	A
PCBs, Total	ND		ug/kg	56.0	4.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-06
Client ID: G8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 09:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 09:40
Analyst: EMR
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 02:13
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	66.5	5.90	1	A
Aroclor 1221	ND		ug/kg	66.5	6.66	1	A
Aroclor 1232	ND		ug/kg	66.5	14.1	1	A
Aroclor 1242	ND		ug/kg	66.5	8.96	1	A
Aroclor 1248	ND		ug/kg	66.5	9.97	1	A
Aroclor 1254	ND		ug/kg	66.5	7.27	1	A
Aroclor 1260	ND		ug/kg	66.5	12.3	1	A
Aroclor 1262	ND		ug/kg	66.5	8.44	1	A
Aroclor 1268	ND		ug/kg	66.5	6.89	1	A
PCBs, Total	ND		ug/kg	66.5	5.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-10
Client ID: G9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 10:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 11:00
Analyst: EMR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 02:13
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.5	4.93	1	A
Aroclor 1221	ND		ug/kg	55.5	5.56	1	A
Aroclor 1232	ND		ug/kg	55.5	11.8	1	A
Aroclor 1242	ND		ug/kg	55.5	7.48	1	A
Aroclor 1248	ND		ug/kg	55.5	8.32	1	A
Aroclor 1254	23.0	JP	ug/kg	55.5	6.07	1	B
Aroclor 1260	ND		ug/kg	55.5	10.2	1	A
Aroclor 1262	ND		ug/kg	55.5	7.05	1	A
Aroclor 1268	ND		ug/kg	55.5	5.75	1	A
PCBs, Total	23.0	J	ug/kg	55.5	4.93	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-14
Client ID: G10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 10:50
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 11:12
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 02:13
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.1	4.98	1	A
Aroclor 1221	ND		ug/kg	56.1	5.62	1	A
Aroclor 1232	ND		ug/kg	56.1	11.9	1	A
Aroclor 1242	ND		ug/kg	56.1	7.56	1	A
Aroclor 1248	ND		ug/kg	56.1	8.42	1	A
Aroclor 1254	ND		ug/kg	56.1	6.14	1	A
Aroclor 1260	ND		ug/kg	56.1	10.4	1	A
Aroclor 1262	ND		ug/kg	56.1	7.13	1	A
Aroclor 1268	ND		ug/kg	56.1	5.81	1	A
PCBs, Total	ND		ug/kg	56.1	4.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-18
Client ID: G11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 12:10
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 11:23
Analyst: EMR
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 02:13
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	66.7	5.92	1	A
Aroclor 1221	ND		ug/kg	66.7	6.68	1	A
Aroclor 1232	ND		ug/kg	66.7	14.1	1	A
Aroclor 1242	ND		ug/kg	66.7	8.99	1	A
Aroclor 1248	ND		ug/kg	66.7	10.0	1	A
Aroclor 1254	ND		ug/kg	66.7	7.29	1	A
Aroclor 1260	ND		ug/kg	66.7	12.3	1	A
Aroclor 1262	ND		ug/kg	66.7	8.47	1	A
Aroclor 1268	ND		ug/kg	66.7	6.91	1	A
PCBs, Total	ND		ug/kg	66.7	5.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-22
Client ID: G13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 12:45
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 11:34
Analyst: EMR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 02:13
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.6	4.67	1	A
Aroclor 1221	ND		ug/kg	52.6	5.27	1	A
Aroclor 1232	ND		ug/kg	52.6	11.2	1	A
Aroclor 1242	ND		ug/kg	52.6	7.09	1	A
Aroclor 1248	ND		ug/kg	52.6	7.89	1	A
Aroclor 1254	ND		ug/kg	52.6	5.76	1	A
Aroclor 1260	ND		ug/kg	52.6	9.72	1	A
Aroclor 1262	ND		ug/kg	52.6	6.68	1	A
Aroclor 1268	ND		ug/kg	52.6	5.45	1	A
PCBs, Total	ND		ug/kg	52.6	4.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-26
Client ID: G14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 13:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 11:46
Analyst: EMR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 02:13
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.5	4.49	1	A
Aroclor 1221	ND		ug/kg	50.5	5.06	1	A
Aroclor 1232	ND		ug/kg	50.5	10.7	1	A
Aroclor 1242	ND		ug/kg	50.5	6.81	1	A
Aroclor 1248	ND		ug/kg	50.5	7.58	1	A
Aroclor 1254	ND		ug/kg	50.5	5.53	1	A
Aroclor 1260	ND		ug/kg	50.5	9.34	1	A
Aroclor 1262	ND		ug/kg	50.5	6.42	1	A
Aroclor 1268	ND		ug/kg	50.5	5.23	1	A
PCBs, Total	ND		ug/kg	50.5	4.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-30
Client ID: DUP_06242024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 12:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 11:58
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 02:13
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.4	5.28	1	A
Aroclor 1221	ND		ug/kg	59.4	5.96	1	A
Aroclor 1232	ND		ug/kg	59.4	12.6	1	A
Aroclor 1242	ND		ug/kg	59.4	8.01	1	A
Aroclor 1248	ND		ug/kg	59.4	8.92	1	A
Aroclor 1254	ND		ug/kg	59.4	6.50	1	B
Aroclor 1260	ND		ug/kg	59.4	11.0	1	A
Aroclor 1262	ND		ug/kg	59.4	7.55	1	A
Aroclor 1268	ND		ug/kg	59.4	6.16	1	A
PCBs, Total	ND		ug/kg	59.4	5.28	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/01/24 09:05
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 06/29/24 02:13
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30 Batch: WG1941092-1						
Aroclor 1016	ND		ug/kg	46.6	4.14	A
Aroclor 1221	ND		ug/kg	46.6	4.67	A
Aroclor 1232	ND		ug/kg	46.6	9.88	A
Aroclor 1242	ND		ug/kg	46.6	6.28	A
Aroclor 1248	ND		ug/kg	46.6	6.99	A
Aroclor 1254	ND		ug/kg	46.6	5.10	A
Aroclor 1260	ND		ug/kg	46.6	8.61	A
Aroclor 1262	ND		ug/kg	46.6	5.92	A
Aroclor 1268	ND		ug/kg	46.6	4.83	A
PCBs, Total	ND		ug/kg	46.6	4.14	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	119		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30 Batch: WG1941092-2 WG1941092-3									
Aroclor 1016	83		88		40-140	6		50	A
Aroclor 1260	79		85		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		96		30-150	A
Decachlorobiphenyl	105		113		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		99		30-150	B
Decachlorobiphenyl	107		116		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30 QC Batch ID: WG1941092-4 WG1941092-5 QC Sample: L2435567-06 Client ID: G8_0.2-2													
Aroclor 1016	ND	406	336	83		310	76		40-140	2		50	A
Aroclor 1260	ND	406	324	80		295	72		40-140	2		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		77		30-150	A
Decachlorobiphenyl	104		93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		81		30-150	B
Decachlorobiphenyl	107		97		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-01
Client ID: G7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 08:55
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 11:13
Analyst: AKM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:35
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.358	1	A
Lindane	ND		ug/kg	0.761	0.340	1	A
Alpha-BHC	ND		ug/kg	0.761	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.692	1	A
Heptachlor	ND		ug/kg	0.913	0.409	1	A
Aldrin	ND		ug/kg	1.82	0.643	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.03	1	A
Endrin	ND		ug/kg	0.761	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.799	1	A
Endrin ketone	ND		ug/kg	1.82	0.470	1	A
Dieldrin	ND		ug/kg	1.14	0.570	1	A
4,4'-DDE	36.7		ug/kg	1.82	0.422	1	B
4,4'-DDD	ND		ug/kg	1.82	0.651	1	A
4,4'-DDT	11.9		ug/kg	1.82	1.47	1	B
Endosulfan I	ND		ug/kg	1.82	0.431	1	A
Endosulfan II	ND		ug/kg	1.82	0.610	1	A
Endosulfan sulfate	ND		ug/kg	0.761	0.362	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.58	1	A
cis-Chlordane	ND		ug/kg	2.28	0.636	1	A
trans-Chlordane	ND		ug/kg	2.28	0.602	1	A
Chlordane	ND		ug/kg	15.2	6.05	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-01 Date Collected: 06/24/24 08:55

Client ID: G7_0-0.2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-01
Client ID: G7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 08:55
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 12:22
Analyst: AKM
Percent Solids: 84%
Methylation Date: 06/30/24 08:55

Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.02	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	106		30-150	A
DCAA	110		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-02
Client ID: G7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 09:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 11:25
Analyst: AKM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:35
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.729	0.326	1	A
Alpha-BHC	ND		ug/kg	0.729	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.875	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.616	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.984	1	A
Endrin	ND		ug/kg	0.729	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.766	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	ND		ug/kg	1.09	0.547	1	A
4,4'-DDE	15.6		ug/kg	1.75	0.405	1	B
4,4'-DDD	ND		ug/kg	1.75	0.624	1	A
4,4'-DDT	5.61		ug/kg	1.75	1.41	1	B
Endosulfan I	ND		ug/kg	1.75	0.413	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.729	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.19	1	A
cis-Chlordane	ND		ug/kg	2.19	0.610	1	A
trans-Chlordane	ND		ug/kg	2.19	0.577	1	A
Chlordane	ND		ug/kg	14.6	5.80	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-02 Date Collected: 06/24/24 09:00

Client ID: G7_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-02
Client ID: G7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 09:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 12:40
Analyst: AKM
Percent Solids: 86%
Methylation Date: 06/30/24 08:55

Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.97	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	98		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-05
Client ID: G8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 09:25
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 11:37
Analyst: AKM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:35
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.358	1	A
Lindane	ND		ug/kg	0.761	0.340	1	A
Alpha-BHC	ND		ug/kg	0.761	0.216	1	A
Beta-BHC	ND		ug/kg	1.83	0.693	1	A
Heptachlor	ND		ug/kg	0.913	0.410	1	A
Aldrin	ND		ug/kg	1.83	0.643	1	A
Heptachlor epoxide	1.33	J	ug/kg	3.42	1.03	1	A
Endrin	ND		ug/kg	0.761	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.799	1	A
Endrin ketone	ND		ug/kg	1.83	0.470	1	A
Dieldrin	0.839	J	ug/kg	1.14	0.571	1	A
4,4'-DDE	17.9		ug/kg	1.83	0.422	1	B
4,4'-DDD	ND		ug/kg	1.83	0.652	1	A
4,4'-DDT	10.6		ug/kg	1.83	1.47	1	B
Endosulfan I	ND		ug/kg	1.83	0.432	1	A
Endosulfan II	ND		ug/kg	1.83	0.610	1	A
Endosulfan sulfate	ND		ug/kg	0.761	0.362	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.59	1	A
cis-Chlordane	1.08	JIP	ug/kg	2.28	0.636	1	B
trans-Chlordane	1.01	J	ug/kg	2.28	0.603	1	A
Chlordane	ND		ug/kg	15.2	6.05	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-05 Date Collected: 06/24/24 09:25

Client ID: G8_0-0.2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-05
Client ID: G8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 09:25
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 12:59
Analyst: AKM
Percent Solids: 84%
Methylation Date: 06/30/24 08:55

Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	197	12.4	1	A
2,4,5-T	ND		ug/kg	197	6.10	1	A
2,4,5-TP (Silvex)	ND		ug/kg	197	5.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	97		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-06
Client ID: G8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 09:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 07:49
Analyst: KB
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.12	0.415	1	A
Lindane	ND		ug/kg	0.884	0.395	1	A
Alpha-BHC	ND		ug/kg	0.884	0.251	1	A
Beta-BHC	ND		ug/kg	2.12	0.804	1	A
Heptachlor	ND		ug/kg	1.06	0.476	1	A
Aldrin	ND		ug/kg	2.12	0.747	1	A
Heptachlor epoxide	ND		ug/kg	3.98	1.19	1	A
Endrin	ND		ug/kg	0.884	0.362	1	A
Endrin aldehyde	ND		ug/kg	2.65	0.928	1	A
Endrin ketone	ND		ug/kg	2.12	0.546	1	A
Dieldrin	ND		ug/kg	1.32	0.663	1	A
4,4'-DDE	5.92		ug/kg	2.12	0.491	1	B
4,4'-DDD	ND		ug/kg	2.12	0.757	1	A
4,4'-DDT	2.38		ug/kg	2.12	1.71	1	B
Endosulfan I	ND		ug/kg	2.12	0.501	1	A
Endosulfan II	ND		ug/kg	2.12	0.709	1	A
Endosulfan sulfate	ND		ug/kg	0.884	0.421	1	A
Methoxychlor	ND		ug/kg	3.98	1.24	1	A
Toxaphene	ND		ug/kg	39.8	11.1	1	A
cis-Chlordane	ND	IP	ug/kg	2.65	0.739	1	B
trans-Chlordane	1.28	JP	ug/kg	2.65	0.700	1	A
Chlordane	ND		ug/kg	17.7	7.03	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-06 Date Collected: 06/24/24 09:30

Client ID: G8_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-06
Client ID: G8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 09:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 13:17
Analyst: AKM
Percent Solids: 74%
Methylation Date: 06/30/24 08:55

Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	226	14.2	1	A
2,4,5-T	ND		ug/kg	226	6.99	1	A
2,4,5-TP (Silvex)	ND		ug/kg	226	6.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	100		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-09
Client ID: G9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 10:15
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 11:49
Analyst: AKM
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:35
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.16	0.424	1	A
Lindane	ND		ug/kg	0.902	0.403	1	A
Alpha-BHC	ND		ug/kg	0.902	0.256	1	A
Beta-BHC	ND		ug/kg	2.16	0.821	1	A
Heptachlor	ND		ug/kg	1.08	0.485	1	A
Aldrin	ND		ug/kg	2.16	0.762	1	A
Heptachlor epoxide	25.1		ug/kg	4.06	1.22	1	B
Endrin	ND		ug/kg	0.902	0.370	1	A
Endrin aldehyde	ND		ug/kg	2.70	0.947	1	A
Endrin ketone	ND		ug/kg	2.16	0.557	1	A
Dieldrin	51.5		ug/kg	1.35	0.676	1	B
4,4'-DDE	70.4		ug/kg	2.16	0.500	1	B
4,4'-DDD	3.30		ug/kg	2.16	0.772	1	B
4,4'-DDT	19.1		ug/kg	2.16	1.74	1	A
Endosulfan I	ND		ug/kg	2.16	0.511	1	A
Endosulfan II	ND		ug/kg	2.16	0.723	1	A
Endosulfan sulfate	ND		ug/kg	0.902	0.429	1	A
Methoxychlor	ND		ug/kg	4.06	1.26	1	A
Toxaphene	ND		ug/kg	40.6	11.4	1	A
cis-Chlordane	13.7	IP	ug/kg	2.70	0.754	1	B
trans-Chlordane	11.2		ug/kg	2.70	0.714	1	A
Chlordane	101		ug/kg	18.0	7.17	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-09 Date Collected: 06/24/24 10:15

Client ID: G9_0-0.2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-09
Client ID: G9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 10:15
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 14:13
Analyst: AKM
Percent Solids: 70%
Methylation Date: 06/30/24 08:55

Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	234	14.7	1	A
2,4,5-T	ND		ug/kg	234	7.25	1	A
2,4,5-TP (Silvex)	ND		ug/kg	234	6.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-10
Client ID: G9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 10:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 12:01
Analyst: AKM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:35
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.743	0.332	1	A
Alpha-BHC	ND		ug/kg	0.743	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.676	1	A
Heptachlor	ND		ug/kg	0.892	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.628	1	A
Heptachlor epoxide	52.0		ug/kg	3.34	1.00	1	B
Endrin	ND		ug/kg	0.743	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.780	1	A
Endrin ketone	ND		ug/kg	1.78	0.459	1	A
Dieldrin	46.8		ug/kg	1.11	0.557	1	B
4,4'-DDE	59.0		ug/kg	1.78	0.412	1	B
4,4'-DDD	1.29	J	ug/kg	1.78	0.636	1	B
4,4'-DDT	53.5		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	ND		ug/kg	1.78	0.596	1	A
Endosulfan sulfate	ND		ug/kg	0.743	0.354	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.36	1	A
cis-Chlordane	13.4	IP	ug/kg	2.23	0.621	1	B
trans-Chlordane	13.2		ug/kg	2.23	0.589	1	B
Chlordane	93.0		ug/kg	14.9	5.91	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-10 Date Collected: 06/24/24 10:20

Client ID: G9_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-10
Client ID: G9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 10:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 14:32
Analyst: AKM
Percent Solids: 89%
Methylation Date: 06/30/24 08:55
Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	182	11.4	1	A
2,4,5-T	ND		ug/kg	182	5.63	1	A
2,4,5-TP (Silvex)	ND		ug/kg	182	4.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	101		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-13
Client ID: G10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 10:45
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 12:13
Analyst: AKM
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:35
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.20	0.431	1	A
Lindane	ND		ug/kg	0.918	0.410	1	A
Alpha-BHC	ND		ug/kg	0.918	0.261	1	A
Beta-BHC	ND		ug/kg	2.20	0.835	1	A
Heptachlor	ND		ug/kg	1.10	0.494	1	A
Aldrin	ND		ug/kg	2.20	0.776	1	A
Heptachlor epoxide	6.88		ug/kg	4.13	1.24	1	B
Endrin	ND		ug/kg	0.918	0.376	1	A
Endrin aldehyde	ND		ug/kg	2.75	0.964	1	A
Endrin ketone	ND		ug/kg	2.20	0.567	1	A
Dieldrin	2.79		ug/kg	1.38	0.688	1	B
4,4'-DDE	47.6		ug/kg	2.20	0.509	1	B
4,4'-DDD	ND		ug/kg	2.20	0.786	1	A
4,4'-DDT	11.9		ug/kg	2.20	1.77	1	B
Endosulfan I	ND		ug/kg	2.20	0.520	1	A
Endosulfan II	ND		ug/kg	2.20	0.736	1	A
Endosulfan sulfate	ND		ug/kg	0.918	0.437	1	A
Methoxychlor	ND		ug/kg	4.13	1.28	1	A
Toxaphene	ND		ug/kg	41.3	11.6	1	A
cis-Chlordane	3.20	IP	ug/kg	2.75	0.767	1	B
trans-Chlordane	2.99		ug/kg	2.75	0.727	1	B
Chlordane	ND		ug/kg	18.4	7.30	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-13 Date Collected: 06/24/24 10:45

Client ID: G10_0-0.2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-13
Client ID: G10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 10:45
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 14:50
Analyst: AKM
Percent Solids: 72%
Methylation Date: 06/30/24 08:55

Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	227	14.3	1	A
2,4,5-T	ND		ug/kg	227	7.03	1	A
2,4,5-TP (Silvex)	ND		ug/kg	227	6.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	105		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-14
Client ID: G10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 10:50
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 15:01
Analyst: MMG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:41
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.374	1	A
Lindane	ND		ug/kg	0.795	0.355	1	A
Alpha-BHC	ND		ug/kg	0.795	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.724	1	A
Heptachlor	ND		ug/kg	0.954	0.428	1	A
Aldrin	ND		ug/kg	1.91	0.672	1	A
Heptachlor epoxide	ND		ug/kg	3.58	1.07	1	B
Endrin	ND		ug/kg	0.795	0.326	1	A
Endrin aldehyde	ND		ug/kg	2.38	0.835	1	A
Endrin ketone	ND		ug/kg	1.91	0.491	1	A
Dieldrin	ND		ug/kg	1.19	0.596	1	B
4,4'-DDE	12.8		ug/kg	1.91	0.441	1	B
4,4'-DDD	ND		ug/kg	1.91	0.681	1	A
4,4'-DDT	3.80		ug/kg	1.91	1.53	1	B
Endosulfan I	ND		ug/kg	1.91	0.451	1	A
Endosulfan II	ND		ug/kg	1.91	0.638	1	A
Endosulfan sulfate	ND		ug/kg	0.795	0.378	1	A
Methoxychlor	ND		ug/kg	3.58	1.11	1	A
Toxaphene	ND		ug/kg	35.8	10.0	1	A
cis-Chlordane	ND		ug/kg	2.38	0.665	1	A
trans-Chlordane	0.938	J	ug/kg	2.38	0.630	1	A
Chlordane	ND		ug/kg	15.9	6.32	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-14 Date Collected: 06/24/24 10:50

Client ID: G10_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-14
Client ID: G10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 10:50
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 15:09
Analyst: AKM
Percent Solids: 84%
Methylation Date: 06/30/24 08:55
Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	197	12.4	1	A
2,4,5-T	ND		ug/kg	197	6.12	1	A
2,4,5-TP (Silvex)	ND		ug/kg	197	5.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	105		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-17
Client ID: G11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 12:05
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 15:12
Analyst: MMG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:41
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.365	1	A
Lindane	ND		ug/kg	0.777	0.347	1	A
Alpha-BHC	ND		ug/kg	0.777	0.221	1	A
Beta-BHC	ND		ug/kg	1.86	0.707	1	A
Heptachlor	ND		ug/kg	0.932	0.418	1	A
Aldrin	ND		ug/kg	1.86	0.656	1	A
Heptachlor epoxide	229		ug/kg	3.50	1.05	1	B
Endrin	ND		ug/kg	0.777	0.318	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.816	1	A
Endrin ketone	ND		ug/kg	1.86	0.480	1	A
4,4'-DDE	34.7		ug/kg	1.86	0.431	1	B
4,4'-DDD	ND		ug/kg	1.86	0.665	1	A
4,4'-DDT	10.9		ug/kg	1.86	1.50	1	B
Endosulfan I	ND		ug/kg	1.86	0.440	1	A
Endosulfan II	ND		ug/kg	1.86	0.623	1	A
Endosulfan sulfate	ND		ug/kg	0.777	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.79	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-17
Client ID: G11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 12:05
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 15:27
Analyst: AKM
Percent Solids: 84%
Methylation Date: 06/30/24 08:55
Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.02	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	94		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-17 D
Client ID: G11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 12:05
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 12:18
Analyst: EJL
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:41
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	1130		ug/kg	11.6	5.83	10	B
cis-Chlordane	394	IP	ug/kg	23.3	6.49	10	B
trans-Chlordane	350		ug/kg	23.3	6.15	10	B
Chlordane	3040		ug/kg	155	61.8	10	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-18
Client ID: G11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 12:10
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 15:24
Analyst: MMG
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:41
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.13	0.417	1	A
Lindane	ND		ug/kg	0.887	0.396	1	A
Alpha-BHC	ND		ug/kg	0.887	0.252	1	A
Beta-BHC	ND		ug/kg	2.13	0.807	1	A
Heptachlor	ND		ug/kg	1.06	0.477	1	A
Aldrin	ND		ug/kg	2.13	0.750	1	A
Heptachlor epoxide	6.44		ug/kg	3.99	1.20	1	B
Endrin	ND		ug/kg	0.887	0.364	1	A
Endrin aldehyde	ND		ug/kg	2.66	0.932	1	A
Endrin ketone	ND		ug/kg	2.13	0.548	1	A
Dieldrin	19.3		ug/kg	1.33	0.665	1	B
4,4'-DDE	1.19	J	ug/kg	2.13	0.492	1	A
4,4'-DDD	ND		ug/kg	2.13	0.759	1	A
4,4'-DDT	ND		ug/kg	2.13	1.71	1	A
Endosulfan I	ND		ug/kg	2.13	0.503	1	A
Endosulfan II	ND		ug/kg	2.13	0.711	1	A
Endosulfan sulfate	ND		ug/kg	0.887	0.422	1	A
Methoxychlor	ND		ug/kg	3.99	1.24	1	A
Toxaphene	ND		ug/kg	39.9	11.2	1	A
cis-Chlordane	3.25	IP	ug/kg	2.66	0.742	1	B
trans-Chlordane	2.98		ug/kg	2.66	0.703	1	A
Chlordane	ND		ug/kg	17.7	7.05	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-18 Date Collected: 06/24/24 12:10

Client ID: G11_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-18
Client ID: G11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 12:10
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 15:46
Analyst: AKM
Percent Solids: 73%
Methylation Date: 06/30/24 08:55

Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	223	14.1	1	A
2,4,5-T	ND		ug/kg	223	6.92	1	A
2,4,5-TP (Silvex)	ND		ug/kg	223	5.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	97		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-21
Client ID: G13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 12:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 15:35
Analyst: MMG
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:41
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.07	0.405	1	A
Lindane	ND		ug/kg	0.862	0.385	1	A
Alpha-BHC	ND		ug/kg	0.862	0.245	1	A
Beta-BHC	ND		ug/kg	2.07	0.784	1	A
Heptachlor	ND		ug/kg	1.03	0.464	1	A
Aldrin	ND		ug/kg	2.07	0.728	1	A
Heptachlor epoxide	3.41	J	ug/kg	3.88	1.16	1	B
Endrin	ND		ug/kg	0.862	0.353	1	A
Endrin aldehyde	ND		ug/kg	2.58	0.905	1	A
Endrin ketone	ND		ug/kg	2.07	0.532	1	A
Dieldrin	9.78		ug/kg	1.29	0.646	1	B
4,4'-DDE	28.1		ug/kg	2.07	0.478	1	B
4,4'-DDD	ND		ug/kg	2.07	0.738	1	A
4,4'-DDT	9.94		ug/kg	2.07	1.66	1	A
Endosulfan I	ND		ug/kg	2.07	0.488	1	A
Endosulfan II	ND		ug/kg	2.07	0.691	1	A
Endosulfan sulfate	ND		ug/kg	0.862	0.410	1	A
Methoxychlor	ND		ug/kg	3.88	1.21	1	A
Toxaphene	ND		ug/kg	38.8	10.8	1	A
cis-Chlordane	3.08	IP	ug/kg	2.58	0.720	1	B
trans-Chlordane	4.36		ug/kg	2.58	0.682	1	B
Chlordane	ND		ug/kg	17.2	6.85	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-21 Date Collected: 06/24/24 12:40

Client ID: G13_0-0.2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-21
Client ID: G13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 12:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 16:32
Analyst: AKM
Percent Solids: 76%
Methylation Date: 06/30/24 08:55
Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	214	13.5	1	A
2,4,5-T	ND		ug/kg	214	6.63	1	A
2,4,5-TP (Silvex)	ND		ug/kg	214	5.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	91		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-22
Client ID: G13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 12:45
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 15:46
Analyst: MMG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:41
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.692	0.309	1	A
Alpha-BHC	ND		ug/kg	0.692	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.630	1	A
Heptachlor	ND		ug/kg	0.830	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.584	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.934	1	A
Endrin	ND		ug/kg	0.692	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.726	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.519	1	A
4,4'-DDE	ND		ug/kg	1.66	0.384	1	A
4,4'-DDD	ND		ug/kg	1.66	0.592	1	A
4,4'-DDT	ND		ug/kg	1.66	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.555	1	A
Endosulfan sulfate	ND		ug/kg	0.692	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.968	1	A
Toxaphene	ND		ug/kg	31.1	8.72	1	A
cis-Chlordane	ND		ug/kg	2.08	0.578	1	A
trans-Chlordane	ND		ug/kg	2.08	0.548	1	A
Chlordane	ND		ug/kg	13.8	5.50	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-22 Date Collected: 06/24/24 12:45

Client ID: G13_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-22
Client ID: G13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 12:45
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 16:51
Analyst: AKM
Percent Solids: 92%
Methylation Date: 06/30/24 08:55

Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	180	11.3	1	A
2,4,5-T	ND		ug/kg	180	5.58	1	A
2,4,5-TP (Silvex)	ND		ug/kg	180	4.79	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-25
Client ID: G14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 13:15
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 15:57
Analyst: MMG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:41
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.755	0.337	1	A
Alpha-BHC	ND		ug/kg	0.755	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.687	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	1.05	J	ug/kg	3.40	1.02	1	B
Endrin	ND		ug/kg	0.755	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.792	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	7.03		ug/kg	1.13	0.566	1	B
4,4'-DDE	2.30		ug/kg	1.81	0.419	1	A
4,4'-DDD	ND		ug/kg	1.81	0.646	1	A
4,4'-DDT	ND		ug/kg	1.81	1.46	1	B
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.605	1	A
Endosulfan sulfate	ND		ug/kg	0.755	0.359	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.51	1	A
cis-Chlordane	1.39	JIP	ug/kg	2.26	0.631	1	B
trans-Chlordane	1.20	JIP	ug/kg	2.26	0.598	1	A
Chlordane	ND		ug/kg	15.1	6.00	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-25 Date Collected: 06/24/24 13:15

Client ID: G14_0-0.2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-25
Client ID: G14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 13:15
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 17:10
Analyst: AKM
Percent Solids: 84%
Methylation Date: 06/30/24 08:55

Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	199	12.5	1	A
2,4,5-T	ND		ug/kg	199	6.16	1	A
2,4,5-TP (Silvex)	ND		ug/kg	199	5.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-26
Client ID: G14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 13:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 16:08
Analyst: MMG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:41
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.692	0.309	1	A
Alpha-BHC	ND		ug/kg	0.692	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.630	1	A
Heptachlor	ND		ug/kg	0.830	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.585	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.934	1	A
Endrin	ND		ug/kg	0.692	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.726	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.519	1	A
4,4'-DDE	ND		ug/kg	1.66	0.384	1	A
4,4'-DDD	ND		ug/kg	1.66	0.592	1	A
4,4'-DDT	ND		ug/kg	1.66	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.555	1	A
Endosulfan sulfate	ND		ug/kg	0.692	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.969	1	A
Toxaphene	ND		ug/kg	31.1	8.72	1	A
cis-Chlordane	ND		ug/kg	2.08	0.578	1	A
trans-Chlordane	ND		ug/kg	2.08	0.548	1	A
Chlordane	ND		ug/kg	13.8	5.50	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-26 Date Collected: 06/24/24 13:20

Client ID: G14_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-26
Client ID: G14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 13:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 17:28
Analyst: AKM
Percent Solids: 92%
Methylation Date: 06/30/24 08:55

Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	178	11.2	1	A
2,4,5-T	ND		ug/kg	178	5.51	1	A
2,4,5-TP (Silvex)	ND		ug/kg	178	4.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-29
Client ID: FB_06242024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 11:45
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 06/30/24 13:31
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 06/28/24 11:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-29 Date Collected: 06/24/24 11:45

Client ID: FB_06242024 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-29
Client ID: FB_06242024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 11:45
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 06/27/24 00:06
Analyst: EMR

Extraction Method: EPA 8151A
Extraction Date: 06/25/24 14:00

Methylation Date: 06/26/24 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	75		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-30
Client ID: DUP_06242024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 12:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 16:20
Analyst: MMG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:41
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.751	0.336	1	A
Alpha-BHC	ND		ug/kg	0.751	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.684	1	A
Heptachlor	ND		ug/kg	0.902	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.635	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.751	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.789	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	ND		ug/kg	1.13	0.564	1	A
4,4'-DDE	30.5		ug/kg	1.80	0.417	1	B
4,4'-DDD	ND		ug/kg	1.80	0.643	1	A
4,4'-DDT	8.38		ug/kg	1.80	1.45	1	B
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.751	0.358	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.47	1	A
cis-Chlordane	ND		ug/kg	2.25	0.628	1	A
trans-Chlordane	ND		ug/kg	2.25	0.595	1	A
Chlordane	ND		ug/kg	15.0	5.97	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-30 Date Collected: 06/24/24 12:00

Client ID: DUP_06242024 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-30
Client ID: DUP_06242024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/24/24 12:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 17:47
Analyst: AKM
Percent Solids: 84%
Methylation Date: 06/30/24 08:55

Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	197	12.4	1	A
2,4,5-T	ND		ug/kg	197	6.11	1	A
2,4,5-TP (Silvex)	ND		ug/kg	197	5.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	95		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/26/24 23:12
Analyst: EMR

Extraction Method: EPA 8151A
Extraction Date: 06/25/24 14:00

Methylation Date: 06/26/24 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 29 Batch: WG1939154-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/30/24 12:28
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 06/28/24 11:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 29 Batch: WG1940827-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/30/24 12:28
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 06/28/24 11:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 29 Batch: WG1940827-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/30/24 11:26
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:58

Methylation Date: 06/30/24 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,30 Batch: WG1940956-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	112		30-150	A
DCAA	105		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/01/24 06:22
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13 Batch: WG1941095-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.658	0.294	A
Alpha-BHC	ND		ug/kg	0.658	0.187	A
Beta-BHC	ND		ug/kg	1.58	0.599	A
Heptachlor	ND		ug/kg	0.789	0.354	A
Aldrin	ND		ug/kg	1.58	0.556	A
Heptachlor epoxide	ND		ug/kg	2.96	0.888	A
Endrin	ND		ug/kg	0.658	0.270	A
Endrin aldehyde	ND		ug/kg	1.97	0.691	A
Endrin ketone	ND		ug/kg	1.58	0.406	A
Dieldrin	ND		ug/kg	0.987	0.493	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDD	ND		ug/kg	1.58	0.563	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.373	A
Endosulfan II	ND		ug/kg	1.58	0.528	A
Endosulfan sulfate	ND		ug/kg	0.658	0.313	A
Methoxychlor	ND		ug/kg	2.96	0.921	A
Toxaphene	ND		ug/kg	29.6	8.29	A
cis-Chlordane	ND		ug/kg	1.97	0.550	A
trans-Chlordane	ND		ug/kg	1.97	0.521	A
Chlordane	ND		ug/kg	13.2	5.23	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/01/24 06:22
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13 Batch: WG1941095-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/30/24 14:28
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:41
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 14,17-18,21-22,25-26,30 Batch: WG1941096-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.648	0.290	A
Alpha-BHC	ND		ug/kg	0.648	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.589	A
Heptachlor	ND		ug/kg	0.777	0.348	A
Aldrin	ND		ug/kg	1.55	0.547	A
Heptachlor epoxide	ND		ug/kg	2.91	0.874	A
Endrin	ND		ug/kg	0.648	0.266	A
Endrin aldehyde	ND		ug/kg	1.94	0.680	A
Endrin ketone	ND		ug/kg	1.55	0.400	A
Dieldrin	ND		ug/kg	0.972	0.486	A
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDD	ND		ug/kg	1.55	0.554	A
4,4'-DDT	ND		ug/kg	1.55	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.367	A
Endosulfan II	ND		ug/kg	1.55	0.519	A
Endosulfan sulfate	ND		ug/kg	0.648	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.907	A
Toxaphene	ND		ug/kg	29.1	8.16	A
cis-Chlordane	ND		ug/kg	1.94	0.541	A
trans-Chlordane	ND		ug/kg	1.94	0.513	A
Chlordane	ND		ug/kg	13.0	5.15	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/30/24 14:28
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:41
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 14,17-18,21-22,25-26,30 Batch: WG1941096-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	76		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 29 Batch: WG1939154-2 WG1939154-3									
2,4-D	86		85		30-150	1		25	A
2,4,5-T	87		87		30-150	0		25	A
2,4,5-TP (Silvex)	87		85		30-150	2		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	82		82		30-150	A
DCAA	90		89		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 29 Batch: WG1940827-2 WG1940827-3									
Delta-BHC	65		60		30-150	8		20	A
Lindane	68		61		30-150	10		20	A
Alpha-BHC	71		64		30-150	10		20	A
Beta-BHC	68		61		30-150	10		20	A
Heptachlor	67		61		30-150	9		20	A
Aldrin	68		62		30-150	10		20	A
Heptachlor epoxide	70		64		30-150	9		20	A
Endrin	74		68		30-150	9		20	A
Endrin aldehyde	60		55		30-150	8		20	A
Endrin ketone	71		67		30-150	5		20	A
Dieldrin	79		73		30-150	9		20	A
4,4'-DDE	73		66		30-150	10		20	A
4,4'-DDD	80		75		30-150	7		20	A
4,4'-DDT	75		69		30-150	8		20	A
Endosulfan I	70		64		30-150	10		20	A
Endosulfan II	75		69		30-150	7		20	A
Endosulfan sulfate	75		70		30-150	6		20	A
Methoxychlor	85		78		30-150	8		20	A
cis-Chlordane	68		62		30-150	9		20	A
trans-Chlordane	79		72		30-150	9		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 29 Batch: WG1940827-2 WG1940827-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		54		30-150	A
Decachlorobiphenyl	64		59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		55		30-150	B
Decachlorobiphenyl	71		67		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,30 Batch: WG1940956-2 WG1940956-3									
2,4-D	79		85		30-150	7		30	A
2,4,5-T	79		84		30-150	6		30	A
2,4,5-TP (Silvex)	77		81		30-150	5		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	99		101		30-150	A
DCAA	112		115		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13 Batch: WG1941095-2 WG1941095-3									
Delta-BHC	88		94		30-150	7		30	A
Lindane	87		90		30-150	3		30	A
Alpha-BHC	91		93		30-150	2		30	A
Beta-BHC	85		88		30-150	3		30	A
Heptachlor	85		92		30-150	8		30	A
Aldrin	91		92		30-150	1		30	A
Heptachlor epoxide	86		90		30-150	5		30	A
Endrin	95		98		30-150	3		30	A
Endrin aldehyde	80		86		30-150	7		30	A
Endrin ketone	92		92		30-150	0		30	A
Dieldrin	102		106		30-150	4		30	A
4,4'-DDE	94		98		30-150	4		30	A
4,4'-DDD	103		108		30-150	5		30	A
4,4'-DDT	93		97		30-150	4		30	A
Endosulfan I	90		94		30-150	4		30	A
Endosulfan II	96		100		30-150	4		30	A
Endosulfan sulfate	97		99		30-150	2		30	A
Methoxychlor	103		107		30-150	4		30	A
cis-Chlordane	88		91		30-150	3		30	A
trans-Chlordane	93		96		30-150	3		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13 Batch: WG1941095-2 WG1941095-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		86		30-150	A
Decachlorobiphenyl	94		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		90		30-150	B
Decachlorobiphenyl	106		112		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 14,17-18,21-22,25-26,30 Batch: WG1941096-2 WG1941096-3									
Delta-BHC	70		73		30-150	4		30	A
Lindane	68		72		30-150	6		30	A
Alpha-BHC	69		74		30-150	7		30	A
Beta-BHC	66		70		30-150	6		30	A
Heptachlor	67		74		30-150	10		30	A
Aldrin	67		71		30-150	6		30	A
Heptachlor epoxide	59		62		30-150	5		30	A
Endrin	68		73		30-150	7		30	A
Endrin aldehyde	57		60		30-150	5		30	A
Endrin ketone	66		69		30-150	4		30	A
Dieldrin	72		76		30-150	5		30	A
4,4'-DDE	65		68		30-150	5		30	A
4,4'-DDD	70		74		30-150	6		30	A
4,4'-DDT	71		75		30-150	5		30	A
Endosulfan I	65		68		30-150	5		30	A
Endosulfan II	68		71		30-150	4		30	A
Endosulfan sulfate	60		65		30-150	8		30	A
Methoxychlor	76		82		30-150	8		30	A
cis-Chlordane	62		65		30-150	5		30	A
trans-Chlordane	74		77		30-150	4		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 14,17-18,21-22,25-26,30 Batch: WG1941096-2 WG1941096-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		69		30-150	A
Decachlorobiphenyl	69		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		83		30-150	B
Decachlorobiphenyl	86		80		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,30 QC Batch ID: WG1940956-4 WG1940956-5 QC Sample: L2435567-06 Client ID: G8_0.2-2													
2,4-D	ND	224	206J	92		188J	84		30-150	9		30	A
2,4,5-T	ND	224	217J	97		202J	90		30-150	7		30	A
2,4,5-TP (Silvex)	ND	224	206J	92		193J	86		30-150	7		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	106		97		30-150	A
DCAA	114		114		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13 QC Batch ID: WG1941095-6 WG1941095-7 QC Sample: L2435567-06 Client ID: G8_0.2-2													
Delta-BHC	ND	43.1	40.6	94		36.4	85		30-150	11		50	A
Lindane	ND	43.1	36.3	84		33.9	79		30-150	7		50	A
Alpha-BHC	ND	43.1	38.1	88		35.2	82		30-150	8		50	A
Beta-BHC	ND	43.1	36.5	85		34.8	81		30-150	5		50	A
Heptachlor	ND	43.1	36.4	84		33.6	78		30-150	8		50	A
Aldrin	ND	43.1	36.9	86		34.8	81		30-150	6		50	A
Heptachlor epoxide	ND	43.1	34.7	81		33.0	77		30-150	5		50	A
Endrin	ND	43.1	37.7	88		35.2	82		30-150	7		50	A
Endrin aldehyde	ND	43.1	31.2	72		28.8	67		30-150	8		50	A
Endrin ketone	ND	43.1	35.3	82		33.1	77		30-150	6		50	A
Dieldrin	ND	43.1	41.0	95		38.4	90		30-150	7		50	A
4,4'-DDE	5.92	43.1	40.7	81		39.2	78		30-150	4		50	B
4,4'-DDD	ND	43.1	41.6	97		39.0	91		30-150	6		50	A
4,4'-DDT	2.38	43.1	35.5	77		32.9	71		30-150	8		50	B
Endosulfan I	ND	43.1	36.0	84		34.0	79		30-150	6		50	A
Endosulfan II	ND	43.1	38.4	89		36.1	84		30-150	6		50	A
Endosulfan sulfate	ND	43.1	37.6	87		35.6	83		30-150	5		50	A
Methoxychlor	ND	43.1	39.2	91		37.5	88		30-150	4		50	A
cis-Chlordane	NDIP	43.1	35.6	83		33.6	78		30-150	6		50	B
trans-Chlordane	1.28JP	43.1	38.1	88		36.3	85		30-150	5		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13 QC Batch ID: WG1941095-6 WG1941095-7 QC Sample: L2435567-06 Client ID: G8_0.2-2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		76		30-150	A
Decachlorobiphenyl	75		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		79		30-150	B
Decachlorobiphenyl	89		94		30-150	B

METALS

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-01
Client ID: G7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 08:55
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14300		mg/kg	9.47	2.56	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Antimony, Total	0.376	J	mg/kg	4.74	0.360	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Arsenic, Total	9.00		mg/kg	0.947	0.197	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Barium, Total	94.8		mg/kg	0.947	0.165	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.492		mg/kg	0.474	0.031	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.947	0.093	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Calcium, Total	650		mg/kg	9.47	3.32	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Chromium, Total	18.7		mg/kg	0.947	0.091	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Cobalt, Total	10.0		mg/kg	1.89	0.157	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Copper, Total	13.2		mg/kg	0.947	0.244	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Iron, Total	17500		mg/kg	4.74	0.856	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Lead, Total	33.3		mg/kg	4.74	0.254	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Magnesium, Total	3070		mg/kg	9.47	1.46	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Manganese, Total	378		mg/kg	0.947	0.151	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Mercury, Total	0.199		mg/kg	0.082	0.054	1	06/27/24 11:23	06/29/24 13:55	EPA 7471B	1,7471B	DJR
Nickel, Total	14.3		mg/kg	2.37	0.229	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Potassium, Total	1050		mg/kg	237	13.6	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.89	0.244	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.474	0.268	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Sodium, Total	30.2	J	mg/kg	189	2.98	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.89	0.298	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Vanadium, Total	26.6		mg/kg	0.947	0.192	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM
Zinc, Total	43.3		mg/kg	4.74	0.278	2	06/27/24 10:12	06/29/24 23:06	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-02 Date Collected: 06/24/24 09:00

Client ID: G7_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15400		mg/kg	9.26	2.50	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.63	0.352	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Arsenic, Total	4.92		mg/kg	0.926	0.193	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Barium, Total	102		mg/kg	0.926	0.161	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.556		mg/kg	0.463	0.031	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.926	0.091	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Calcium, Total	769		mg/kg	9.26	3.24	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Chromium, Total	21.8		mg/kg	0.926	0.089	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Cobalt, Total	14.9		mg/kg	1.85	0.154	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Copper, Total	23.7		mg/kg	0.926	0.239	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Iron, Total	19800		mg/kg	4.63	0.837	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Lead, Total	17.8		mg/kg	4.63	0.248	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Magnesium, Total	4020		mg/kg	9.26	1.43	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Manganese, Total	435		mg/kg	0.926	0.147	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Mercury, Total	0.118		mg/kg	0.080	0.052	1	06/27/24 11:23	06/29/24 13:59	EPA 7471B	1,7471B	DJR
Nickel, Total	19.3		mg/kg	2.32	0.224	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Potassium, Total	2880		mg/kg	232	13.3	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.85	0.239	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.463	0.262	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Sodium, Total	42.8	J	mg/kg	185	2.92	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.85	0.292	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Vanadium, Total	31.9		mg/kg	0.926	0.188	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM
Zinc, Total	46.8		mg/kg	4.63	0.271	2	06/27/24 10:12	06/29/24 23:13	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-05
Client ID: G8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 09:25
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10600		mg/kg	9.04	2.44	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Antimony, Total	0.372	J	mg/kg	4.52	0.344	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Arsenic, Total	6.58		mg/kg	0.904	0.188	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Barium, Total	66.8		mg/kg	0.904	0.157	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.403	J	mg/kg	0.452	0.030	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.904	0.089	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Calcium, Total	911		mg/kg	9.04	3.16	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Chromium, Total	15.1		mg/kg	0.904	0.087	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Cobalt, Total	7.40		mg/kg	1.81	0.150	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Copper, Total	12.9		mg/kg	0.904	0.233	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Iron, Total	13000		mg/kg	4.52	0.816	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Lead, Total	24.7		mg/kg	4.52	0.242	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Magnesium, Total	2790		mg/kg	9.04	1.39	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Manganese, Total	275		mg/kg	0.904	0.144	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Mercury, Total	0.249		mg/kg	0.085	0.055	1	06/27/24 11:23	06/29/24 14:02	EPA 7471B	1,7471B	DJR
Nickel, Total	13.5		mg/kg	2.26	0.219	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Potassium, Total	1840		mg/kg	226	13.0	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.81	0.233	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.452	0.256	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Sodium, Total	40.7	J	mg/kg	181	2.85	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.81	0.285	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Vanadium, Total	20.9		mg/kg	0.904	0.184	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM
Zinc, Total	49.1		mg/kg	4.52	0.265	2	06/27/24 10:12	06/29/24 23:20	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-06
Client ID: G8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 09:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17400		mg/kg	10.8	2.92	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	5.41	0.411	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Arsenic, Total	6.33		mg/kg	1.08	0.225	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Barium, Total	151		mg/kg	1.08	0.188	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.311	J	mg/kg	0.541	0.036	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.268	J	mg/kg	1.08	0.106	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Calcium, Total	905		mg/kg	10.8	3.79	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Chromium, Total	32.7		mg/kg	1.08	0.104	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Cobalt, Total	14.8		mg/kg	2.16	0.180	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Copper, Total	29.8		mg/kg	1.08	0.279	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Iron, Total	30500		mg/kg	5.41	0.977	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Lead, Total	20.4		mg/kg	5.41	0.290	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Magnesium, Total	6360		mg/kg	10.8	1.66	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Manganese, Total	467		mg/kg	1.08	0.172	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Mercury, Total	0.109		mg/kg	0.096	0.063	1	06/27/24 11:23	06/29/24 13:36	EPA 7471B	1,7471B	DJR
Nickel, Total	25.3		mg/kg	2.70	0.262	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Potassium, Total	5770		mg/kg	270	15.6	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Selenium, Total	0.381	J	mg/kg	2.16	0.279	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.541	0.306	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Sodium, Total	74.9	J	mg/kg	216	3.41	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	2.16	0.341	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Vanadium, Total	45.7		mg/kg	1.08	0.220	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM
Zinc, Total	87.5		mg/kg	5.41	0.317	2	06/27/24 10:12	06/29/24 17:46	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-09
Client ID: G9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 10:15
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8460		mg/kg	10.9	2.94	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	5.45	0.414	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Arsenic, Total	19.0		mg/kg	1.09	0.227	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Barium, Total	40.3		mg/kg	1.09	0.190	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.331	J	mg/kg	0.545	0.036	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.342	J	mg/kg	1.09	0.107	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Calcium, Total	763		mg/kg	10.9	3.82	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Chromium, Total	24.0		mg/kg	1.09	0.105	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Cobalt, Total	4.59		mg/kg	2.18	0.181	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Copper, Total	10.8		mg/kg	1.09	0.281	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Iron, Total	10100		mg/kg	5.45	0.985	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Lead, Total	52.3		mg/kg	5.45	0.292	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Magnesium, Total	2210		mg/kg	10.9	1.68	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Manganese, Total	212		mg/kg	1.09	0.173	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Mercury, Total	1.03		mg/kg	0.094	0.061	1	06/27/24 11:23	06/29/24 14:05	EPA 7471B	1,7471B	DJR
Nickel, Total	8.54		mg/kg	2.73	0.264	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Potassium, Total	597		mg/kg	273	15.7	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	2.18	0.281	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.545	0.309	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Sodium, Total	19.0	J	mg/kg	218	3.44	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	2.18	0.344	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Vanadium, Total	15.4		mg/kg	1.09	0.221	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM
Zinc, Total	47.1		mg/kg	5.45	0.320	2	06/27/24 10:12	06/29/24 23:26	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-10 Date Collected: 06/24/24 10:20

Client ID: G9_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12900		mg/kg	8.64	2.33	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Antimony, Total	0.381	J	mg/kg	4.32	0.328	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Arsenic, Total	20.8		mg/kg	0.864	0.180	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Barium, Total	49.9		mg/kg	0.864	0.150	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.476		mg/kg	0.432	0.029	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.098	J	mg/kg	0.864	0.085	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Calcium, Total	697		mg/kg	8.64	3.02	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Chromium, Total	21.1		mg/kg	0.864	0.083	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Cobalt, Total	7.59		mg/kg	1.73	0.143	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Copper, Total	11.7		mg/kg	0.864	0.223	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Iron, Total	13700		mg/kg	4.32	0.780	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Lead, Total	50.5		mg/kg	4.32	0.231	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Magnesium, Total	4190		mg/kg	8.64	1.33	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Manganese, Total	303		mg/kg	0.864	0.137	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Mercury, Total	0.729		mg/kg	0.076	0.050	1	06/27/24 11:23	06/29/24 14:09	EPA 7471B	1,7471B	DJR
Nickel, Total	13.4		mg/kg	2.16	0.209	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Potassium, Total	852		mg/kg	216	12.4	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.73	0.223	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.432	0.244	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Sodium, Total	27.1	J	mg/kg	173	2.72	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.73	0.272	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Vanadium, Total	22.1		mg/kg	0.864	0.175	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM
Zinc, Total	49.6		mg/kg	4.32	0.253	2	06/27/24 10:12	06/29/24 23:33	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-13 Date Collected: 06/24/24 10:45

Client ID: G10_0-0.2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15300		mg/kg	11.0	2.98	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Antimony, Total	0.654	J	mg/kg	5.52	0.419	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Arsenic, Total	25.9		mg/kg	1.10	0.230	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Barium, Total	64.6		mg/kg	1.10	0.192	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.626		mg/kg	0.552	0.036	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	1.10	0.108	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Calcium, Total	408		mg/kg	11.0	3.86	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Chromium, Total	21.2		mg/kg	1.10	0.106	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Cobalt, Total	6.14		mg/kg	2.21	0.183	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Copper, Total	10.2		mg/kg	1.10	0.285	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Iron, Total	13100		mg/kg	5.52	0.996	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Lead, Total	90.8		mg/kg	5.52	0.296	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Magnesium, Total	2300		mg/kg	11.0	1.70	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Manganese, Total	328		mg/kg	1.10	0.175	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Mercury, Total	0.311		mg/kg	0.096	0.062	1	06/27/24 11:23	06/29/24 14:12	EPA 7471B	1,7471B	DJR
Nickel, Total	11.9		mg/kg	2.76	0.267	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Potassium, Total	673		mg/kg	276	15.9	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	2.21	0.285	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.552	0.312	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Sodium, Total	23.7	J	mg/kg	221	3.48	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	2.21	0.348	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Vanadium, Total	21.6		mg/kg	1.10	0.224	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM
Zinc, Total	54.5		mg/kg	5.52	0.323	2	06/27/24 10:12	06/29/24 23:40	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-14 Date Collected: 06/24/24 10:50

Client ID: G10_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14000		mg/kg	9.29	2.51	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Antimony, Total	0.426	J	mg/kg	4.64	0.353	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Arsenic, Total	9.01		mg/kg	0.929	0.193	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Barium, Total	67.3		mg/kg	0.929	0.162	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.544		mg/kg	0.464	0.031	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.929	0.091	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Calcium, Total	283		mg/kg	9.29	3.25	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Chromium, Total	15.7		mg/kg	0.929	0.089	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Cobalt, Total	6.51		mg/kg	1.86	0.154	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Copper, Total	10.1		mg/kg	0.929	0.240	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Iron, Total	13800		mg/kg	4.64	0.839	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Lead, Total	31.0		mg/kg	4.64	0.249	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Magnesium, Total	2390		mg/kg	9.29	1.43	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Manganese, Total	293		mg/kg	0.929	0.148	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Mercury, Total	0.111		mg/kg	0.092	0.060	1	06/27/24 11:23	06/29/24 14:15	EPA 7471B	1,7471B	DJR
Nickel, Total	12.0		mg/kg	2.32	0.225	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Potassium, Total	881		mg/kg	232	13.4	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.86	0.240	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.464	0.263	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Sodium, Total	22.6	J	mg/kg	186	2.93	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.86	0.293	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Vanadium, Total	20.5		mg/kg	0.929	0.189	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM
Zinc, Total	41.2		mg/kg	4.64	0.272	2	06/27/24 10:12	06/29/24 23:46	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE
Lab Number: L2435567
Project Number: 3858.0004Y000
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-17
Client ID: G11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/24/24 12:05
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15600		mg/kg	9.26	2.50	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Antimony, Total	1.80	J	mg/kg	4.63	0.352	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Arsenic, Total	155		mg/kg	0.926	0.193	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Barium, Total	76.3		mg/kg	0.926	0.161	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.617		mg/kg	0.463	0.031	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Cadmium, Total	3.32		mg/kg	0.926	0.091	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Calcium, Total	1310		mg/kg	9.26	3.24	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Chromium, Total	132		mg/kg	0.926	0.089	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Cobalt, Total	6.76		mg/kg	1.85	0.154	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Copper, Total	17.8		mg/kg	0.926	0.239	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Iron, Total	12600		mg/kg	4.63	0.836	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Lead, Total	56.8		mg/kg	4.63	0.248	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Magnesium, Total	2330		mg/kg	9.26	1.43	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Manganese, Total	365		mg/kg	0.926	0.147	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Mercury, Total	2.85		mg/kg	0.086	0.056	1	06/27/24 11:23	06/29/24 14:19	EPA 7471B	1,7471B	DJR
Nickel, Total	14.0		mg/kg	2.32	0.224	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Potassium, Total	697		mg/kg	232	13.3	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.85	0.239	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Silver, Total	0.721		mg/kg	0.463	0.262	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Sodium, Total	25.4	J	mg/kg	185	2.92	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.85	0.292	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Vanadium, Total	22.2		mg/kg	0.926	0.188	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM
Zinc, Total	111		mg/kg	4.63	0.271	2	06/27/24 10:12	06/29/24 23:53	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-18 Date Collected: 06/24/24 12:10

Client ID: G11_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18500		mg/kg	10.7	2.90	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Antimony, Total	0.907	J	mg/kg	5.37	0.408	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Arsenic, Total	6.24		mg/kg	1.07	0.223	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Barium, Total	82.6		mg/kg	1.07	0.187	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.556		mg/kg	0.537	0.035	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	1.07	0.105	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Calcium, Total	779		mg/kg	10.7	3.76	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Chromium, Total	23.6		mg/kg	1.07	0.103	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Cobalt, Total	12.0		mg/kg	2.15	0.178	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Copper, Total	12.0		mg/kg	1.07	0.277	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Iron, Total	19400		mg/kg	5.37	0.970	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Lead, Total	10.2		mg/kg	5.37	0.288	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Magnesium, Total	4030		mg/kg	10.7	1.65	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Manganese, Total	502		mg/kg	1.07	0.171	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Mercury, Total	0.079	J	mg/kg	0.086	0.056	1	06/27/24 11:23	06/29/24 14:22	EPA 7471B	1,7471B	DJR
Nickel, Total	16.7		mg/kg	2.68	0.260	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Potassium, Total	1230		mg/kg	268	15.5	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	2.15	0.277	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.537	0.304	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Sodium, Total	34.7	J	mg/kg	215	3.38	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	2.15	0.338	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Vanadium, Total	32.9		mg/kg	1.07	0.218	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM
Zinc, Total	57.1		mg/kg	5.37	0.315	2	06/27/24 10:12	06/29/24 23:59	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-21 Date Collected: 06/24/24 12:40

Client ID: G13_0-0.2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15700		mg/kg	10.1	2.72	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Antimony, Total	0.676	J	mg/kg	5.05	0.384	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Arsenic, Total	18.4		mg/kg	1.01	0.210	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Barium, Total	89.5		mg/kg	1.01	0.176	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.559		mg/kg	0.505	0.033	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	1.01	0.099	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Calcium, Total	1590		mg/kg	10.1	3.53	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Chromium, Total	26.1		mg/kg	1.01	0.097	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Cobalt, Total	8.82		mg/kg	2.02	0.168	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Copper, Total	16.6		mg/kg	1.01	0.260	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Iron, Total	14800		mg/kg	5.05	0.912	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Lead, Total	46.9		mg/kg	5.05	0.270	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Magnesium, Total	3490		mg/kg	10.1	1.55	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Manganese, Total	459		mg/kg	1.01	0.160	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Mercury, Total	0.337		mg/kg	0.096	0.062	1	06/27/24 11:23	06/29/24 14:25	EPA 7471B	1,7471B	DJR
Nickel, Total	18.2		mg/kg	2.52	0.244	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Potassium, Total	1780		mg/kg	252	14.5	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	2.02	0.260	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.505	0.286	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Sodium, Total	45.1	J	mg/kg	202	3.18	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	2.02	0.318	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Vanadium, Total	27.2		mg/kg	1.01	0.205	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM
Zinc, Total	73.1		mg/kg	5.05	0.296	2	06/27/24 10:12	06/30/24 00:06	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-22 Date Collected: 06/24/24 12:45

Client ID: G13_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13000		mg/kg	8.49	2.29	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.24	0.322	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Arsenic, Total	1.38		mg/kg	0.849	0.176	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Barium, Total	95.1		mg/kg	0.849	0.148	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.402	J	mg/kg	0.424	0.028	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.849	0.083	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Calcium, Total	1080		mg/kg	8.49	2.97	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Chromium, Total	21.0		mg/kg	0.849	0.082	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Cobalt, Total	8.77		mg/kg	1.70	0.141	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Copper, Total	13.9		mg/kg	0.849	0.219	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Iron, Total	12800		mg/kg	4.24	0.766	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Lead, Total	4.42		mg/kg	4.24	0.227	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Magnesium, Total	4010		mg/kg	8.49	1.31	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Manganese, Total	352		mg/kg	0.849	0.135	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.074	0.048	1	06/27/24 11:23	06/29/24 14:35	EPA 7471B	1,7471B	DJR
Nickel, Total	18.7		mg/kg	2.12	0.205	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Potassium, Total	3460		mg/kg	212	12.2	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.70	0.219	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.424	0.240	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Sodium, Total	54.5	J	mg/kg	170	2.67	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.70	0.267	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Vanadium, Total	21.4		mg/kg	0.849	0.172	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM
Zinc, Total	40.0		mg/kg	4.24	0.249	2	06/27/24 10:12	06/30/24 00:25	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-25 Date Collected: 06/24/24 13:15

Client ID: G14_0-0.2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10100		mg/kg	9.40	2.54	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Antimony, Total	0.374	J	mg/kg	4.70	0.357	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Arsenic, Total	6.99		mg/kg	0.940	0.196	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Barium, Total	42.8		mg/kg	0.940	0.164	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.359	J	mg/kg	0.470	0.031	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.940	0.092	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Calcium, Total	616		mg/kg	9.40	3.29	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Chromium, Total	19.0		mg/kg	0.940	0.090	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Cobalt, Total	4.99		mg/kg	1.88	0.156	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Copper, Total	9.14		mg/kg	0.940	0.243	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Iron, Total	11900		mg/kg	4.70	0.849	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Lead, Total	22.4		mg/kg	4.70	0.252	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Magnesium, Total	2310		mg/kg	9.40	1.45	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Manganese, Total	230		mg/kg	0.940	0.150	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Mercury, Total	0.738		mg/kg	0.093	0.061	1	06/27/24 11:23	06/29/24 14:38	EPA 7471B	1,7471B	DJR
Nickel, Total	10.0		mg/kg	2.35	0.228	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Potassium, Total	728		mg/kg	235	13.5	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.88	0.243	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.470	0.266	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Sodium, Total	23.3	J	mg/kg	188	2.96	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.88	0.296	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Vanadium, Total	18.4		mg/kg	0.940	0.191	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM
Zinc, Total	44.7		mg/kg	4.70	0.276	2	06/27/24 10:12	06/30/24 00:32	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-26 Date Collected: 06/24/24 13:20

Client ID: G14_0.2-2 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8340		mg/kg	8.45	2.28	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.22	0.321	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Arsenic, Total	1.62		mg/kg	0.845	0.176	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Barium, Total	39.5		mg/kg	0.845	0.147	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.305	J	mg/kg	0.422	0.028	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.845	0.083	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Calcium, Total	504		mg/kg	8.45	2.96	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Chromium, Total	14.3		mg/kg	0.845	0.081	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Cobalt, Total	6.20		mg/kg	1.69	0.140	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Copper, Total	8.36		mg/kg	0.845	0.218	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Iron, Total	10000		mg/kg	4.22	0.763	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Lead, Total	4.94		mg/kg	4.22	0.226	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Magnesium, Total	2460		mg/kg	8.45	1.30	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Manganese, Total	210		mg/kg	0.845	0.134	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Mercury, Total	0.081		mg/kg	0.076	0.050	1	06/27/24 11:23	06/29/24 14:42	EPA 7471B	1,7471B	DJR
Nickel, Total	11.2		mg/kg	2.11	0.204	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Potassium, Total	1170		mg/kg	211	12.2	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.69	0.218	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.422	0.239	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Sodium, Total	23.4	J	mg/kg	169	2.66	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.69	0.266	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Vanadium, Total	15.6		mg/kg	0.845	0.172	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM
Zinc, Total	25.8		mg/kg	4.22	0.248	2	06/27/24 10:12	06/30/24 00:39	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-29 Date Collected: 06/24/24 11:45

Client ID: FB_06242024 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/27/24 13:35	06/28/24 06:20	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/27/24 15:56	06/28/24 00:40	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Sodium, Total	0.0716	J	mg/l	0.100	0.0293	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/27/24 13:35	06/27/24 19:31	EPA 3005A	1,6020B	NTB

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435567

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-30 Date Collected: 06/24/24 12:00

Client ID: DUP_06242024 Date Received: 06/24/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15200		mg/kg	9.02	2.44	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Antimony, Total	0.382	J	mg/kg	4.51	0.343	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Arsenic, Total	13.9		mg/kg	0.902	0.188	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Barium, Total	97.0		mg/kg	0.902	0.157	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.544		mg/kg	0.451	0.030	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.902	0.088	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Calcium, Total	671		mg/kg	9.02	3.16	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Chromium, Total	24.5		mg/kg	0.902	0.087	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Cobalt, Total	10.5		mg/kg	1.80	0.150	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Copper, Total	18.9		mg/kg	0.902	0.233	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Iron, Total	17800		mg/kg	4.51	0.814	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Lead, Total	46.0		mg/kg	4.51	0.242	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Magnesium, Total	3360		mg/kg	9.02	1.39	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Manganese, Total	357		mg/kg	0.902	0.143	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Mercury, Total	0.194		mg/kg	0.092	0.060	1	06/27/24 11:23	06/29/24 14:45	EPA 7471B	1,7471B	DJR
Nickel, Total	16.4		mg/kg	2.26	0.218	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Potassium, Total	1670		mg/kg	226	13.0	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.80	0.233	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.451	0.255	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Sodium, Total	29.0	J	mg/kg	180	2.84	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.80	0.284	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Vanadium, Total	28.1		mg/kg	0.902	0.183	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM
Zinc, Total	49.3		mg/kg	4.51	0.264	2	06/27/24 10:12	06/30/24 00:45	EPA 3050B	1,6010D	MAM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,30 Batch: WG1940059-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Calcium, Total	1.77	J	mg/kg	4.00	1.40	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Copper, Total	ND		mg/kg	0.400	0.103	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Iron, Total	2.01		mg/kg	2.00	0.361	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Magnesium, Total	0.732	J	mg/kg	4.00	0.616	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Potassium, Total	ND		mg/kg	100	5.76	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/27/24 10:12	06/29/24 15:27	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,30 Batch: WG1940060-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/27/24 11:23	06/29/24 13:29	1,7471B	DJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 29 Batch: WG1940275-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/27/24 13:35	06/27/24 18:30	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 29 Batch: WG1940281-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/27/24 15:56	06/27/24 23:51	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,30 Batch: WG1940059-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	97		-		80-120	-		
Arsenic, Total	94		-		80-120	-		
Barium, Total	97		-		80-120	-		
Beryllium, Total	96		-		80-120	-		
Cadmium, Total	96		-		80-120	-		
Calcium, Total	92		-		80-120	-		
Chromium, Total	109		-		80-120	-		
Cobalt, Total	98		-		80-120	-		
Copper, Total	110		-		80-120	-		
Iron, Total	96		-		80-120	-		
Lead, Total	91		-		80-120	-		
Magnesium, Total	104		-		80-120	-		
Manganese, Total	96		-		80-120	-		
Nickel, Total	95		-		80-120	-		
Potassium, Total	96		-		80-120	-		
Selenium, Total	93		-		80-120	-		
Silver, Total	110		-		80-120	-		
Sodium, Total	92		-		80-120	-		
Thallium, Total	94		-		80-120	-		
Vanadium, Total	108		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,30 Batch: WG1940059-2					
Zinc, Total	94	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,30 Batch: WG1940060-2					
Mercury, Total	101	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 29 Batch: WG1940275-2					
Aluminum, Total	91	-	80-120	-	
Antimony, Total	90	-	80-120	-	
Arsenic, Total	99	-	80-120	-	
Barium, Total	99	-	80-120	-	
Beryllium, Total	97	-	80-120	-	
Cadmium, Total	99	-	80-120	-	
Calcium, Total	119	-	80-120	-	
Chromium, Total	107	-	80-120	-	
Cobalt, Total	113	-	80-120	-	
Copper, Total	99	-	80-120	-	
Iron, Total	113	-	80-120	-	
Lead, Total	107	-	80-120	-	
Magnesium, Total	107	-	80-120	-	
Manganese, Total	106	-	80-120	-	
Nickel, Total	108	-	80-120	-	
Potassium, Total	118	-	80-120	-	
Selenium, Total	91	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	116	-	80-120	-	
Thallium, Total	109	-	80-120	-	
Vanadium, Total	107	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 29 Batch: WG1940275-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 29 Batch: WG1940281-2					
Mercury, Total	94	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,30 QC Batch ID: WG1940059-3 WG1940059-4 QC Sample: L2435567-06 Client ID: G8_0.2-2												
Aluminum, Total	17400	208	16700	**0**	Q	16500	**0**	Q	75-125	1		20
Antimony, Total	ND	52.1	47.6	91		47.1	87		75-125	1		20
Arsenic, Total	6.33	12.5	19.2	103		17.4	85		75-125	10		20
Barium, Total	151	208	313	78		330	83		75-125	5		20
Beryllium, Total	0.311J	5.21	4.88	94		4.69	87		75-125	4		20
Cadmium, Total	0.268J	5.52	5.44	98		5.38	94		75-125	1		20
Calcium, Total	905	1040	1920	97		1730	76		75-125	10		20
Chromium, Total	32.7	20.8	48.1	**74**	Q	50.2	81		75-125	4		20
Cobalt, Total	14.8	52.1	63.0	92		67.4	97		75-125	7		20
Copper, Total	29.8	26	50.0	78		53.8	89		75-125	7		20
Iron, Total	30500	104	26400	**0**	Q	27100	**0**	Q	75-125	3		20
Lead, Total	20.4	55.2	69.0	88		66.6	80		75-125	4		20
Magnesium, Total	6360	1040	6570	**20**	Q	7140	**72**	Q	75-125	8		20
Manganese, Total	467	52.1	460	**0**	Q	498	**57**	Q	75-125	8		20
Nickel, Total	25.3	52.1	67.4	81		68.7	80		75-125	2		20
Potassium, Total	5770	1040	5170	**0**	Q	6360	**54**	Q	75-125	**21**	Q	20
Selenium, Total	0.381J	12.5	11.6	93		11.4	88		75-125	2		20
Silver, Total	ND	5.21	5.11	98		5.21	96		75-125	2		20
Sodium, Total	74.9J	1040	957	92		945	87		75-125	1		20
Thallium, Total	ND	12.5	10.3	82		10.3	79		75-125	0		20
Vanadium, Total	45.7	52.1	87.2	80		90.1	82		75-125	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,30 QC Batch ID: WG1940059-3 WG1940059-4 QC Sample: L2435567-06 Client ID: G8_0.2-2											
Zinc, Total	87.5	52.1	125	**72**	Q	124	**67**	Q	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,30 QC Batch ID: WG1940060-3 WG1940060-4 QC Sample: L2435567-06 Client ID: G8_0.2-2											
Mercury, Total	0.109	2.04	2.38	111		2.27	107		80-120	5	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 29 QC Batch ID: WG1940275-3 QC Sample: L2435220-01 Client ID: MS Sample									
Aluminum, Total	0.019	2	1.84	91	-	-	75-125	-	20
Antimony, Total	0.0008J	0.5	0.4149	83	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.1104	92	-	-	75-125	-	20
Barium, Total	0.00033J	2	1.883	94	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.04799	96	-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.04849	91	-	-	75-125	-	20
Calcium, Total	0.370	10	11.7	113	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.2009	100	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.5182	104	-	-	75-125	-	20
Copper, Total	0.00039J	0.25	0.2472	99	-	-	75-125	-	20
Iron, Total	0.059	1	1.09	103	-	-	75-125	-	20
Lead, Total	ND	0.53	0.5182	98	-	-	75-125	-	20
Magnesium, Total	0.090	10	9.82	97	-	-	75-125	-	20
Manganese, Total	0.00253	0.5	0.5038	100	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.4952	99	-	-	75-125	-	20
Potassium, Total	0.081J	10	10.7	107	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.114	95	-	-	75-125	-	20
Silver, Total	ND	0.05	0.04726	94	-	-	75-125	-	20
Sodium, Total	0.076J	10	11.0	110	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1155	96	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5265	105	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 29 QC Batch ID: WG1940275-3 QC Sample: L2435220-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4688	94	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 29 QC Batch ID: WG1940281-3 QC Sample: L2435527-02 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00496	99	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 29 QC Batch ID: WG1940275-4 QC Sample: L2435220-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Barium, Total	0.00033J	0.00034J	mg/l	NC		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Copper, Total	0.00039J	0.00057J	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Manganese, Total	0.00253	0.00244	mg/l	3		20
Nickel, Total	ND	ND	mg/l	NC		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Zinc, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 29 QC Batch ID: WG1940281-4 QC Sample: L2435527-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-01
Client ID: G7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 08:55
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.1		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.951	0.190	1	06/28/24 11:07	06/28/24 16:57	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-02
Client ID: G7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 09:00
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/28/24 23:30	06/29/24 10:08	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.928	0.186	1	06/28/24 11:07	06/28/24 16:57	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-05
Client ID: G8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 09:25
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.1		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.951	0.190	1	06/28/24 11:07	06/28/24 16:57	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-06
Client ID: G8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 09:30
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.6		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.3	0.27	1	06/28/24 23:30	06/29/24 10:09	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.09	0.217	1	06/28/24 11:07	06/28/24 16:57	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-09
Client ID: G9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 10:15
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.6		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.15	0.230	1	06/28/24 11:07	06/28/24 16:57	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-10
Client ID: G9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 10:20
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/28/24 23:30	06/29/24 10:12	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.895	0.179	1	06/28/24 11:07	06/28/24 16:57	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-13
Client ID: G10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 10:45
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.1		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.11	0.222	1	06/28/24 11:07	06/28/24 16:57	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-14
Client ID: G10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 10:50
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/28/24 23:30	06/29/24 10:13	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.958	0.192	1	06/28/24 11:07	06/28/24 16:57	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-17
Client ID: G11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 12:05
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.949	0.190	1	06/28/24 11:07	06/28/24 16:57	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-18
Client ID: G11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 12:10
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.1		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.3	0.27	1	06/28/24 23:30	06/29/24 10:45	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.09	0.219	1	06/28/24 11:07	06/28/24 16:57	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-21
Client ID: G13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 12:40
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.9		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.05	0.211	1	06/28/24 12:33	07/01/24 14:06	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-22
Client ID: G13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 12:45
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/28/24 23:30	06/29/24 10:48	1,9010C/9012B	JER
Chromium, Hexavalent	0.413	J	mg/kg	0.870	0.174	1	06/28/24 12:33	07/01/24 14:06	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-25
Client ID: G14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 13:15
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.957	0.191	1	06/28/24 12:33	07/01/24 14:06	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-26
Client ID: G14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 13:20
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	06/28/24 23:30	06/29/24 10:49	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.866	0.173	1	06/28/24 12:33	07/01/24 14:06	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-29
Client ID: FB_06242024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Field Blank

Date Collected: 06/24/24 11:45
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/25/24 06:00	06/25/24 06:55	1,7196A	CAR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435567-30
Client ID: DUP_06242024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 12:00
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/28/24 23:30	06/29/24 10:50	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.957	0.191	1	06/28/24 12:33	07/01/24 14:06	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435567
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 29 Batch: WG1938876-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/25/24 06:00	06/25/24 06:54	1,7196A	CAR
General Chemistry - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1940742-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/28/24 11:07	06/28/24 16:57	1,7196A	LOF
General Chemistry - Westborough Lab for sample(s): 21-22,25-26,30 Batch: WG1940745-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/28/24 12:33	07/01/24 14:06	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 02,06,10,14 Batch: WG1941046-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	06/28/24 23:30	06/29/24 09:55	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 18,22,26,30 Batch: WG1941047-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	06/28/24 23:30	06/29/24 10:28	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 29 Batch: WG1938876-2								
Chromium, Hexavalent	97		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1940742-2								
Chromium, Hexavalent	105		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,30 Batch: WG1940745-2								
Chromium, Hexavalent	97		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14 Batch: WG1941046-2 WG1941046-3								
Cyanide, Total	86		104		80-120	14		35
General Chemistry - Westborough Lab Associated sample(s): 18,22,26,30 Batch: WG1941047-2 WG1941047-3								
Cyanide, Total	104		102		80-120	10		35

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 29 QC Batch ID: WG1938876-4 QC Sample: L2435567-29 Client ID: FB_06242024												
Chromium, Hexavalent	ND	0.1	0.097	97		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1940742-4 WG1940742-5 QC Sample: L2435567-06 Client ID: G8_0.2-2												
Chromium, Hexavalent	ND	1500	1460	97		1740	98		75-125	18		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,30 QC Batch ID: WG1940745-4 QC Sample: L2435567-21 Client ID: G13_0-0.2												
Chromium, Hexavalent	ND	1760	1050	**60**	Q	-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14 QC Batch ID: WG1941046-4 WG1941046-5 QC Sample: L2435567-06 Client ID: G8_0.2-2												
Cyanide, Total	ND	12	12	96		13	100		75-125	8		35
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14 QC Batch ID: WG1941046-6 WG1941046-7 QC Sample: L2435588-09 Client ID: MS Sample												
Cyanide, Total	ND	12	12	100		10	84		75-125	18		35
General Chemistry - Westborough Lab Associated sample(s): 18,22,26,30 QC Batch ID: WG1941047-4 WG1941047-5 QC Sample: L2435567-18 Client ID: G11_0.2-2												
Cyanide, Total	ND	13	13	100		13	98		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 18,22,26,30 QC Batch ID: WG1941047-6 WG1941047-7 QC Sample: L2435326-02 Client ID: MS Sample												
Cyanide, Total	ND	9.6	9.7	100		9.0	94		75-125	**36**	Q	35

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435567

Report Date: 07/01/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 29 QC Batch ID: WG1938876-3 QC Sample: L2435567-29 Client ID: FB_06242024						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,30 QC Batch ID: WG1938953-1 QC Sample: L2435567-06 Client ID: G8_0.2-2						
Solids, Total	73.6	72.9	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1940742-7 QC Sample: L2435567-06 Client ID: G8_0.2-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,30 QC Batch ID: WG1940745-6 QC Sample: L2435567-21 Client ID: G13_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435567-01A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2435567-01B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435567-01C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435567-02A	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-02B	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-02C	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-02D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2435567-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2435567-02F	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-02G	Glass 500ml/16oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-02X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-02Y	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-02Z	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-03A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435567-03B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-03C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-04A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2435567-04B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-04C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-05A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2435567-05B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435567-05C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435567-06A	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-06A1	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-06A2	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-06B	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-06B1	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-06B2	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-06C	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-06C1	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-06C2	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-06D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2435567-06D1	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2435567-06D2	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2435567-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435567-06E1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2435567-06E2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2435567-06F	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-06F1	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-06F2	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-06G	Glass 500ml/16oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-06G1	Glass 500ml/16oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-06G2	Glass 500ml/16oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-06X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-06X1	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-06X2	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-06Y	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-06Y1	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-06Y2	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-06Z	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-06Z1	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-06Z2	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-07A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435567-07B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-07C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-08A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2435567-08B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-08C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-09A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2435567-09B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435567-09C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435567-10A	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-10B	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-10C	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-10D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2435567-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2435567-10F	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-10G	Glass 500ml/16oz unpreserved	A	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-10X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-10Y	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-10Z	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-11A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435567-11B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-11C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-12A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2435567-12B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-12C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-13A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2435567-13B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435567-13C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435567-14A	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-14B	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-14C	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-14D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2435567-14E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2435567-14F	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-14G	Glass 500ml/16oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-14X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-14Y	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-14Z	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-15A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435567-15B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-15C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-16A	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		HOLD-METAL(180)
L2435567-16B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-16C	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-17A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2435567-17B	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435567-17C	Glass 250ml/8oz unpreserved	B	NA		4.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435567-18A	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-18B	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-18C	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-18D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2435567-18E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2435567-18F	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-18G	Glass 500ml/16oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-18X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-18Y	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-18Z	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-19A	Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435567-19B	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-19C	Glass 250ml/8oz unpreserved	B	NA		4.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-20A	Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		HOLD-METAL(180)
L2435567-20B	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-20C	Glass 250ml/8oz unpreserved	B	NA		4.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-21A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2435567-21B	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435567-21C	Glass 250ml/8oz unpreserved	B	NA		4.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435567-22A	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-22B	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-22C	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-22D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2435567-22E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2435567-22F	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-22G	Glass 500ml/16oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-22X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-22Y	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-22Z	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-23A	Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435567-23B	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-23C	Glass 250ml/8oz unpreserved	B	NA		4.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-24A	Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		HOLD-METAL(180)
L2435567-24B	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-24C	Glass 250ml/8oz unpreserved	B	NA		4.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-25A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2435567-25B	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435567-25C	Glass 250ml/8oz unpreserved	B	NA		4.2	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435567-26A	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-26B	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-26C	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-26D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2435567-26E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2435567-26F	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-26G	Glass 500ml/16oz unpreserved	A	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-26X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-26Y	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-26Z	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-27A	Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435567-27B	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-27C	Glass 250ml/8oz unpreserved	B	NA		4.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-28A	Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		HOLD-METAL(180)
L2435567-28B	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-28C	Glass 250ml/8oz unpreserved	B	NA		4.2	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435567-29A	Amber 120ml unpreserved	C	7	7	3.4	Y	Absent		NYTCL-8081(7)
L2435567-29B	Amber 120ml unpreserved	C	7	7	3.4	Y	Absent		NYTCL-8081(7)
L2435567-29C	Plastic 250ml unpreserved	C	7	7	3.4	Y	Absent		HEXCR-7196(1)
L2435567-29D	Plastic 250ml HNO3 preserved	C	<2	<2	3.4	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2435567-29E	Amber 1000ml unpreserved	C	7	7	3.4	Y	Absent		HERB-APA(7)
L2435567-29F	Amber 1000ml unpreserved	C	7	7	3.4	Y	Absent		HERB-APA(7)
L2435567-30A	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-30B	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-30C	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2435567-30D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2435567-30E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2435567-30F	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-30G	Glass 500ml/16oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435567-30X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435567
Report Date: 07/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435567-30Y	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-30Z	Vial Water preserved split	A	NA		2.2	Y	Absent	25-JUN-24 12:32	NYTCL-8260HLW(14)
L2435567-31A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L2435567-31B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260(14)

Container Comments

L2435567-28B	Cap cracked, sample intact

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435567
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435567
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435567
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435567
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/24/24

ALPHA Job #: L2435567

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
35567-01	G7-0-0.2	6/24/24	0855	S	EL			X	X	X	X				3
-02	G7-0.2-2		0900	S	EL	X	X	X	X	X	X	X	X		7
-03	G7-2-4		0905	S	EL			H	H	H	H			H2O2	3
-04	G7-4-6		0910	S	EL			H	H	H	H			H2O2	3
-05	G8-0-0.2		0925	S	EL			X	X	X	X				3
-06	G8-0.2-2		0930	S	EL	X	X	X	X	X	X	X	X	MS/MSD	21
-07	G8-2-4		0935	S	EL			H	H	H	H			H2O2	3
-08	G8-4-6		0940	S	EL			H	H	H	H			H2O2	3
-09	G9-0-0.2		1015	S	EL			X	X	X	X				3
-10	G9-0.2-2		1020	S	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/24/24 1425		6/24/24 1425
	6/24/24 1645	Paul Mazzella	6/24/24 1645
Paul Mazzella	6/24/24 2300		6/24/24 23:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd. Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 4

Date Rec'd in Lab: 6/24/24

ALPHA Job #: L2435567

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☑ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
35567-011	G9-2-4	6/24/24	1035	S	EL			H	H	H	H			HOLD	3
-12	G9-4-6		1030	S	EL			H	H	H	H			HOLD	3
-13	G10-0-0.2		1045	S	EL			X	X	X	X				3
-14	G10-0.2-2		1050	S	EL	X	X	X	X	X	X	X	X		7
-15	G10-2-4		1055	S	EL			H	H	H	H			HOLD	3
-16	G10-4-6		1100	S	EL			H	H	H	H			HOLD	3
-17	G11-0-0.2		1205	S	EL			X	X	X	X				3
-18	G11-0.2-2		1210	S	EL	X	X	X	X	X	X	X	X		7
-19	G11-2-4		1215	S	EL			H	H	H	H			HOLD	3
-20	G11-4-6		1220	S	EL			H	H	H	H			HOLD	3

Container Type	E	A	A	A	A	A	A	A	
Preservative	A	A	A	A	A	A	A	A	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/24/24 1425		6/24/24 1425
	6/24/24 1645	Paul Marcella	6/24/24 1645
Paul Marcella	6/24/24		6/24/24 2055
	6/24/24 2300		6/24/24 23:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 4

Date Rec'd in Lab: 6/24/24

ALPHA Job #: L2435567

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
35567-21	GP3-0-0.2	6/24/24	1240	S	EL			X	X	X	X				3
-22	GP3-0.2-2		1245	S	EL	X	X	X	X	X	X	X	X		7
-23	GP3-2-4		1250	S	EL			H	H	H	H			HOLD	3
-24	GP3-4-6		1255	S	EL			H	H	H	H			HOLD	3
-25	GP4-0-0.2		1315	S	EL			X	X	X	X				3
-26	GP4-0.2-2		1320	S	EL	X	X	X	X	X	X	X	X		7
-27	GP4-2-4		1325	S	EL			H	H	H	H			HOLD	3
-28	GP4-4-6		1330	S	EL			H	H	H	H			HOLD	3
-29	PB-06242024		1145	W	EL			X	X	X	X				6
-30	DUP-06242024		1200	S	EL	X	X	X	X	X	X	X	X		7

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/24/24 1425		6/24/24 1425
	6/24/24 1645	Paul Marcella	6/24/24 1645
Paul Marcella 6/24/24			
	6/24/24 2300		6/24/24 23:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 4 of 4

Date Rec'd in Lab: 6/24/24

ALPHA Job #: L2435567

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☑ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
35567-31	TB_06242024	6/20/24	—	W	EL	X									2

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/24/24 1425		6/24/24 1425
Paul Marcella	6/24/24 1645	Paul Marcella	6/24/24 1645
			6/24/24 2300
		Clett	6/24/24 23:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2435626
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/01/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435626
Report Date: 07/01/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435626-01	B12_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 09:55	06/11/24
L2435626-02	B8_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/11/24 13:15	06/11/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435626
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435626
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2435626-02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1940478-1 Method Blank, associated with L2435626-02, has a concentration above the reporting limit for iron. Since the associated sample concentration is either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any result detected below the reporting limit is qualified with a "B".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 07/01/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435626
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435626-01
Client ID: B12_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/11/24 09:55
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/24 14:49
Analyst: JAG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/24/24 18:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.746	0.333	1	A
Alpha-BHC	ND		ug/kg	0.746	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.679	1	A
Heptachlor	ND		ug/kg	0.895	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	1.52	JIP	ug/kg	3.36	1.01	1	B
Endrin	ND		ug/kg	0.746	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.783	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	5.07		ug/kg	1.12	0.559	1	B
4,4'-DDE	118		ug/kg	1.79	0.414	1	A
4,4'-DDD	5.28		ug/kg	1.79	0.638	1	B
4,4'-DDT	21.4		ug/kg	1.79	1.44	1	B
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.746	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.40	1	A
cis-Chlordane	1.88	JIP	ug/kg	2.24	0.624	1	B
trans-Chlordane	2.06	J	ug/kg	2.24	0.591	1	B
Chlordane	ND		ug/kg	14.9	5.93	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435626

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435626-01 Date Collected: 06/11/24 09:55

Client ID: B12_4-6 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435626
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/25/24 09:23
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/24/24 13:55
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1938496-1						
Delta-BHC	ND		ug/kg	1.59	0.311	A
Lindane	ND		ug/kg	0.662	0.296	A
Alpha-BHC	ND		ug/kg	0.662	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.602	A
Heptachlor	ND		ug/kg	0.794	0.356	A
Aldrin	ND		ug/kg	1.59	0.559	A
Heptachlor epoxide	ND		ug/kg	2.98	0.893	A
Endrin	ND		ug/kg	0.662	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.695	A
Endrin ketone	ND		ug/kg	1.59	0.409	A
Dieldrin	ND		ug/kg	0.993	0.496	A
4,4'-DDE	ND		ug/kg	1.59	0.367	A
4,4'-DDD	ND		ug/kg	1.59	0.566	A
4,4'-DDT	ND		ug/kg	1.59	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.375	A
Endosulfan II	ND		ug/kg	1.59	0.531	A
Endosulfan sulfate	ND		ug/kg	0.662	0.315	A
Methoxychlor	ND		ug/kg	2.98	0.926	A
Toxaphene	ND		ug/kg	29.8	8.34	A
cis-Chlordane	ND		ug/kg	1.98	0.553	A
trans-Chlordane	ND		ug/kg	1.98	0.524	A
Chlordane	ND		ug/kg	13.2	5.26	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435626
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/25/24 09:23
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/24/24 13:55
Cleanup Method: EPA 3620B
Cleanup Date: 06/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1938496-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	63		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435626

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1938496-2 WG1938496-3									
Delta-BHC	62		77		30-150	22		30	A
Lindane	60		74		30-150	21		30	A
Alpha-BHC	62		78		30-150	23		30	A
Beta-BHC	60		74		30-150	21		30	A
Heptachlor	62		75		30-150	19		30	A
Aldrin	61		74		30-150	19		30	A
Heptachlor epoxide	58		68		30-150	16		30	A
Endrin	66		80		30-150	19		30	A
Endrin aldehyde	53		67		30-150	23		30	A
Endrin ketone	63		76		30-150	19		30	A
Dieldrin	69		83		30-150	18		30	A
4,4'-DDE	61		74		30-150	19		30	A
4,4'-DDD	68		82		30-150	19		30	A
4,4'-DDT	67		78		30-150	15		30	A
Endosulfan I	62		73		30-150	16		30	A
Endosulfan II	65		78		30-150	18		30	A
Endosulfan sulfate	54		69		30-150	24		30	A
Methoxychlor	76		88		30-150	15		30	A
cis-Chlordane	60		71		30-150	17		30	A
trans-Chlordane	70		85		30-150	19		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435626

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1938496-2 WG1938496-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		64		30-150	A
Decachlorobiphenyl	57		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		73		30-150	B
Decachlorobiphenyl	56		69		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435626

Project Number: 3858.0004Y000 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2435626-02 Date Collected: 06/11/24 13:15

Client ID: B8_4-6 Date Received: 06/11/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17400		mg/kg	8.90	2.40	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	4.45	0.338	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Arsenic, Total	0.250	J	mg/kg	0.890	0.185	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Barium, Total	154		mg/kg	0.890	0.155	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.529		mg/kg	0.445	0.029	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.890	0.087	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Calcium, Total	786		mg/kg	8.90	3.12	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Chromium, Total	31.5		mg/kg	0.890	0.086	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Cobalt, Total	16.1		mg/kg	1.78	0.148	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Copper, Total	62.5		mg/kg	0.890	0.230	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Iron, Total	32000		mg/kg	4.45	0.804	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Lead, Total	7.51		mg/kg	4.45	0.239	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Magnesium, Total	6860		mg/kg	8.90	1.37	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Manganese, Total	431		mg/kg	0.890	0.142	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/28/24 10:25	07/01/24 11:21	EPA 7471B	1,7471B	MJR
Nickel, Total	28.2		mg/kg	2.22	0.215	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Potassium, Total	6760		mg/kg	222	12.8	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.78	0.230	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.445	0.252	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Sodium, Total	99.6	J	mg/kg	178	2.80	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Thallium, Total	0.557	J	mg/kg	1.78	0.280	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Vanadium, Total	42.4		mg/kg	0.890	0.181	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA
Zinc, Total	74.2		mg/kg	4.45	0.261	2	06/28/24 09:00	06/30/24 21:07	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435626
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1940478-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Barium, Total	ND		mg/kg	0.400	0.070	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Chromium, Total	0.046	J	mg/kg	0.400	0.038	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Copper, Total	ND		mg/kg	0.400	0.103	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Iron, Total	2.42		mg/kg	2.00	0.361	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Lead, Total	ND		mg/kg	2.00	0.107	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Potassium, Total	ND		mg/kg	100	5.76	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Selenium, Total	0.134	J	mg/kg	0.800	0.103	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Silver, Total	ND		mg/kg	0.200	0.113	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/28/24 09:00	06/30/24 19:54	1,6010D	TAA

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1940480-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/28/24 10:25	07/01/24 10:21	1,7471B	MJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435626
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435626

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1940478-2								
Aluminum, Total	104		-		80-120	-		
Antimony, Total	98		-		80-120	-		
Arsenic, Total	97		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	104		-		80-120	-		
Cadmium, Total	96		-		80-120	-		
Calcium, Total	101		-		80-120	-		
Chromium, Total	97		-		80-120	-		
Cobalt, Total	98		-		80-120	-		
Copper, Total	98		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	99		-		80-120	-		
Magnesium, Total	96		-		80-120	-		
Manganese, Total	101		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	103		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	96		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	99		-		80-120	-		
Vanadium, Total	98		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435626

Report Date: 07/01/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1940478-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1940480-2					
Mercury, Total	104	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435626
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1940478-3 QC Sample: L2435616-01 Client ID: MS Sample												
Aluminum, Total	12700	171	6740	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	42.6	34.7	81		-	-		75-125	-		20
Arsenic, Total	7.48	10.2	14.2	**66**	Q	-	-		75-125	-		20
Barium, Total	227	171	265	**22**	Q	-	-		75-125	-		20
Beryllium, Total	0.558	4.26	4.67	96		-	-		75-125	-		20
Cadmium, Total	6.28	4.52	7.17	**20**	Q	-	-		75-125	-		20
Calcium, Total	19500	853	9240	**0**	Q	-	-		75-125	-		20
Chromium, Total	28.9	17.1	29.8	**5**	Q	-	-		75-125	-		20
Cobalt, Total	9.82	42.6	43.2	78		-	-		75-125	-		20
Copper, Total	75.0	21.3	58.9	**0**	Q	-	-		75-125	-		20
Iron, Total	25500	85.3	13800	**0**	Q	-	-		75-125	-		20
Lead, Total	262	45.2	179	**0**	Q	-	-		75-125	-		20
Magnesium, Total	4880	853	3180	**0**	Q	-	-		75-125	-		20
Manganese, Total	398	42.6	274	**0**	Q	-	-		75-125	-		20
Nickel, Total	22.5	42.6	49.1	**62**	Q	-	-		75-125	-		20
Potassium, Total	3140	853	2380	**0**	Q	-	-		75-125	-		20
Selenium, Total	0.712J	10.2	10.2	100		-	-		75-125	-		20
Silver, Total	0.411J	4.26	4.19	98		-	-		75-125	-		20
Sodium, Total	500	853	1110	**72**	Q	-	-		75-125	-		20
Thallium, Total	ND	10.2	8.09	79		-	-		75-125	-		20
Vanadium, Total	37.7	42.6	58.3	**48**	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435626
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1940478-3 QC Sample: L2435616-01 Client ID: MS Sample										
Zinc, Total	788	42.6	448	**0**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1940480-3 QC Sample: L2435616-01 Client ID: MS Sample										
Mercury, Total	2.33	1.4	2.91	**41**	Q	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435626
Report Date: 07/01/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1940478-4 QC Sample: L2435616-01 Client ID: DUP Sample						
Aluminum, Total	12700	6220	mg/kg	**68**	Q	20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	7.48	4.34	mg/kg	**53**	Q	20
Barium, Total	227	128	mg/kg	**56**	Q	20
Beryllium, Total	0.558	0.261J	mg/kg	NC		20
Cadmium, Total	6.28	3.06	mg/kg	**69**	Q	20
Calcium, Total	19500	8370	mg/kg	**80**	Q	20
Chromium, Total	28.9	16.6	mg/kg	**54**	Q	20
Cobalt, Total	9.82	5.68	mg/kg	**53**	Q	20
Copper, Total	75.0	40.5	mg/kg	**60**	Q	20
Iron, Total	25500	11900	mg/kg	**73**	Q	20
Lead, Total	262	134	mg/kg	**65**	Q	20
Magnesium, Total	4880	2790	mg/kg	**54**	Q	20
Manganese, Total	398	200	mg/kg	**66**	Q	20
Nickel, Total	22.5	12.2	mg/kg	**59**	Q	20
Potassium, Total	3140	1510	mg/kg	**70**	Q	20
Selenium, Total	0.712J	0.324J	mg/kg	NC		20
Silver, Total	0.411J	ND	mg/kg	NC		20
Sodium, Total	500	223	mg/kg	**77**	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435626

Report Date: 07/01/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1940478-4 QC Sample: L2435616-01 Client ID: DUP Sample						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	37.7	19.4	mg/kg	**64**	Q	20
Zinc, Total	788	453	mg/kg	**54**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1940480-4 QC Sample: L2435616-01 Client ID: DUP Sample						
Mercury, Total	2.33	1.13	mg/kg	**69**	Q	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2435626
Report Date: 07/01/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1940478-6 QC Sample: L2435616-01 Client ID: DUP Sample						
Aluminum, Total	12700	13400	mg/kg	6		20
Barium, Total	227	239	mg/kg	5		20
Calcium, Total	19500	21200	mg/kg	9		20
Chromium, Total	28.9	31.6	mg/kg	9		20
Copper, Total	75.0	79.8	mg/kg	6		20
Iron, Total	25500	28700	mg/kg	13		20
Lead, Total	262	278	mg/kg	6		20
Magnesium, Total	4880	5990	mg/kg	**23**	Q	20
Manganese, Total	398	433	mg/kg	9		20
Vanadium, Total	37.7	40.0	mg/kg	6		20
Zinc, Total	788	913	mg/kg	16		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435626
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435626-01
Client ID: B12_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 09:55
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	06/25/24 12:24	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435626
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2435626-02
Client ID: B8_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 13:15
Date Received: 06/11/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	06/25/24 09:23	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435626

Report Date: 07/01/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1938953-1 QC Sample: L2435567-06 Client ID: DUP Sample						
Solids, Total	73.6	72.9	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1938954-1 QC Sample: L2435047-01 Client ID: DUP Sample						
Solids, Total	74.2	73.8	%	1		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435626
Report Date: 07/01/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435626-01C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		TS(7),NYTCL-8081(14)
L2435626-02A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2435626-02C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435626
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435626
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435626
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435626
Project Number:	3858.0004Y000	**Report Date:**	07/01/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/12/24

L2435626 WMC 6/24/24
ALPHA Job #: L2435626-01

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
35626-01	B13 - 0 - 0.2	6/11/24	0900	S	EL			X	X	X	X				3
	B13 - 0.2 - 2	"	0905		EL	X	X	X	X	X	X	X	X		7
	B13 - 2 - 4	"	0910		EL			H	H	H	H			HOLD	3
	B13 - 4 - 6	"	0915		EL			H	H	H	H			HOLD	3
	B12 - 0 - 0.2	"	0940		EL			X	X	X	X				3
	B12 - 0.2 - 2	"	0945		EL	X	X	X	X	X	X	X	X		7
	B12 - 2 - 4	"	0950		EL			H	H	H	H			HOLD	3
	B12 - 4 - 6	"	0955		EL			H	H	X	H				3
	B11 - 0 - 0.2	"	1030		EL			X	X	X	X				3
	B11 - 0.2 - 2	"	1035		EL	X	X	X	X	X	X	X	X		7

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Container Type	E	A	A	A	A	A	A	A	
Preservative	A	A	A	A	A	A	A	A	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/11/24 1500	JON PACE	6/11/24 15:14
	6/11/24		6/11/24 18:58
			6/11 2000
	6/12 620		6/12/24 0620

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Date Rec'd in Lab: 6/12/24

L2435626 WMC 6/24/24

ALPHA Job #: L2435626

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
~~21~~	B8-0-0.2	6/11/24	1300	S	EL			X	X	X	X				3
~~22~~	B8-0.2-2	"	1305		EL	X	X	X	X	X	X	X	X	MS/MSD	21
~~23~~	B8-2-4	"	1310		EL			H	H	H	H			HOLD	3
35626-02 ~~24~~	B8-4-6	"	1315		EL			X	H	H	H			~~HOLD~~	3
~~25~~	B7-0-0.2	"	1340		EL			X	X	X	X				3
~~26~~	B7-0.2-2	"	1345		EL	X	X	X	X	X	X	X	X		7
~~27~~	B7-2-4	"	1350		EL			H	H	H	H			HOLD	3
~~28~~	B7-4-6	"	1355		EL			H	H	H	H			HOLD	3
~~29~~	B6-0-0.2	"	1415		EL			X	X	X	X				3
~~30~~	B6-0.2-2	"	1420		EL	X	X	X	X	X	X	X	X		7

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Container Type	E	A	A	A	A	A	A	A	
Preservative	A	A	A	A	A	A	A	A	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/11/24 1500	Tom Pace	6/11/24 15:15
			6/11/24 1855
	6/11/24		6/11 2200
	6/12 120		6/12/24 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2435973
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/02/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435973-01	G15_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 08:25	06/25/24
L2435973-02	G15_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 08:30	06/25/24
L2435973-03	G15_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 08:35	06/25/24
L2435973-04	G15_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 08:40	06/25/24
L2435973-05	H15_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 09:10	06/25/24
L2435973-06	H15_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 09:15	06/25/24
L2435973-07	H15_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 09:20	06/25/24
L2435973-08	H15_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 09:25	06/25/24
L2435973-09	H14_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 10:00	06/25/24
L2435973-10	H14_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 10:05	06/25/24
L2435973-11	H14_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 10:10	06/25/24
L2435973-12	H14_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 10:15	06/25/24
L2435973-13	H13_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 10:40	06/25/24
L2435973-14	H13_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 10:45	06/25/24
L2435973-15	H13_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 10:50	06/25/24
L2435973-16	H13_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 10:55	06/25/24
L2435973-17	H12_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 11:50	06/25/24
L2435973-18	H12_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 11:55	06/25/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435973-19	H12_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 12:05	06/25/24
L2435973-20	H12_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 12:10	06/25/24
L2435973-21	H11_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 12:20	06/25/24
L2435973-22	H11_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 12:25	06/25/24
L2435973-23	H11_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 12:30	06/25/24
L2435973-24	H11_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 12:35	06/25/24
L2435973-25	H10_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 12:50	06/25/24
L2435973-26	H10_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 12:55	06/25/24
L2435973-27	H10_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 13:00	06/25/24
L2435973-28	H10_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 13:05	06/25/24
L2435973-29	H9_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 13:15	06/25/24
L2435973-30	H9_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 13:20	06/25/24
L2435973-31	H9_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 13:25	06/25/24
L2435973-32	H9_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 13:30	06/25/24
L2435973-33	FB_06252024	FIELD BLANK	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 11:35	06/25/24
L2435973-34	DUP_06252024	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 12:00	06/25/24
L2435973-35	TB_06252024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 00:00	06/25/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435973
Project Number:	3858.0004Y000	**Report Date:**	07/02/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435973
Project Number:	3858.0004Y000	**Report Date:**	07/02/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG1941275-2/-3 LCS/LCSD recoveries, associated with L2435973-02, are below the acceptance criteria for benzoic acid (6%/9%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals

L2435973-01, -02, -05, -06, -09, -10, -13, -14, -17, -18, -21, 22, -25, -26, -29, -30, and -34: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1940830-3 MS recoveries for aluminum (285%), iron (0%), and manganese (233%), performed on L2435973-17, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1940830-3 MS recovery, performed on L2435973-17, is outside the acceptance criteria for arsenic (156%). A post digestion spike was performed and was within acceptance criteria.

The WG1940830-3 MS recovery, performed on L2435973-17, is outside the acceptance criteria nickel (72%). A post digestion spike was performed and yielded an unacceptable recovery for nickel (74%). The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

Cyanide, Total

The WG1941894-2/-3 LCS/LCSD recoveries for cyanide, total (42%/55%), associated with L2435973-02, -06, -10, -14, -18, -22, -26, and -30, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 07/02/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-02
Client ID: G15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 08:30
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/30/24 19:35
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-02 Date Collected: 06/25/24 08:30

Client ID: G15_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	10	J	ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.12	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-02 Date Collected: 06/25/24 08:30

Client ID: G15_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1
Tentatively Identified Compounds						
Total TIC Compounds	14.1	J	ug/kg			1
Unknown	14.1	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-06
Client ID: H15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 09:15
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/30/24 19:10
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.3	3.8	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.24	1
Chloroform	ND		ug/kg	2.5	0.23	1
Carbon tetrachloride	ND		ug/kg	1.6	0.38	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.21	1
Dibromochloromethane	ND		ug/kg	1.6	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.44	1
Tetrachloroethene	ND		ug/kg	0.83	0.32	1
Chlorobenzene	ND		ug/kg	0.83	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.6	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.43	1
1,1,1-Trichloroethane	ND		ug/kg	0.83	0.28	1
Bromodichloromethane	ND		ug/kg	0.83	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.45	1
cis-1,3-Dichloropropene	ND		ug/kg	0.83	0.26	1
1,3-Dichloropropene, Total	ND		ug/kg	0.83	0.26	1
1,1-Dichloropropene	ND		ug/kg	0.83	0.26	1
Bromoform	ND		ug/kg	6.6	0.41	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.83	0.28	1
Benzene	ND		ug/kg	0.83	0.28	1
Toluene	ND		ug/kg	1.6	0.90	1
Ethylbenzene	ND		ug/kg	1.6	0.23	1
Chloromethane	ND		ug/kg	6.6	1.5	1
Bromomethane	ND		ug/kg	3.3	0.96	1
Vinyl chloride	ND		ug/kg	1.6	0.56	1
Chloroethane	ND		ug/kg	3.3	0.75	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-06 Date Collected: 06/25/24 09:15

Client ID: H15_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.83	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.3	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	3.3	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.3	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.33	1
p/m-Xylene	ND		ug/kg	3.3	0.93	1
o-Xylene	ND		ug/kg	1.6	0.48	1
Xylenes, Total	ND		ug/kg	1.6	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.29	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.23	1
Dibromomethane	ND		ug/kg	3.3	0.39	1
Styrene	ND		ug/kg	1.6	0.32	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	ND		ug/kg	16	8.0	1
Carbon disulfide	ND		ug/kg	16	7.5	1
2-Butanone	ND		ug/kg	16	3.7	1
Vinyl acetate	ND		ug/kg	16	3.6	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.1	1
1,2,3-Trichloropropane	ND		ug/kg	3.3	0.21	1
2-Hexanone	ND		ug/kg	16	2.0	1
Bromochloromethane	ND		ug/kg	3.3	0.34	1
2,2-Dichloropropane	ND		ug/kg	3.3	0.34	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.46	1
1,3-Dichloropropane	ND		ug/kg	3.3	0.28	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.83	0.22	1
Bromobenzene	ND		ug/kg	3.3	0.24	1
n-Butylbenzene	ND		ug/kg	1.6	0.28	1
sec-Butylbenzene	ND		ug/kg	1.6	0.24	1
tert-Butylbenzene	ND		ug/kg	3.3	0.20	1
o-Chlorotoluene	ND		ug/kg	3.3	0.32	1
p-Chlorotoluene	ND		ug/kg	3.3	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.6	0.28	1
Isopropylbenzene	ND		ug/kg	1.6	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.18	1
Naphthalene	ND		ug/kg	6.6	1.1	1
Acrylonitrile	ND		ug/kg	6.6	1.9	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-06 Date Collected: 06/25/24 09:15

Client ID: H15_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.3	0.53	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.3	0.45	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.3	0.32	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.3	0.55	1
1,4-Dioxane	ND		ug/kg	130	58.	1
p-Diethylbenzene	ND		ug/kg	3.3	0.29	1
p-Ethyltoluene	ND		ug/kg	3.3	0.64	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.3	0.32	1
Ethyl ether	ND		ug/kg	3.3	0.56	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.3	2.4	1
Tentatively Identified Compounds						
Total TIC Compounds	21.1	J	ug/kg			1
Unknown	21.1	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-10 Date Collected: 06/25/24 10:05
Client ID: H14_0.2-2 Date Received: 06/25/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 14:15
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-10 Date Collected: 06/25/24 10:05

Client ID: H14_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-10 Date Collected: 06/25/24 10:05

Client ID: H14_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-14 Date Collected: 06/25/24 10:45

Client ID: H13_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/28/24 14:36

Analyst: JIC

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.7	3.5	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.3	0.22	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.41	1
Tetrachloroethene	ND		ug/kg	0.77	0.30	1
Chlorobenzene	ND		ug/kg	0.77	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.2	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.77	0.26	1
Bromodichloromethane	ND		ug/kg	0.77	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.42	1
cis-1,3-Dichloropropene	ND		ug/kg	0.77	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.77	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.77	0.24	1
Bromoform	ND		ug/kg	6.2	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.77	0.26	1
Benzene	ND		ug/kg	0.77	0.26	1
Toluene	ND		ug/kg	1.5	0.84	1
Ethylbenzene	ND		ug/kg	1.5	0.22	1
Chloromethane	ND		ug/kg	6.2	1.4	1
Bromomethane	ND		ug/kg	3.1	0.89	1
Vinyl chloride	ND		ug/kg	1.5	0.52	1
Chloroethane	ND		ug/kg	3.1	0.70	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-14 Date Collected: 06/25/24 10:45

Client ID: H13_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.77	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.1	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.1	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.31	1
p/m-Xylene	ND		ug/kg	3.1	0.86	1
o-Xylene	ND		ug/kg	1.5	0.45	1
Xylenes, Total	ND		ug/kg	1.5	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.27	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	3.1	0.37	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.4	1
Carbon disulfide	ND		ug/kg	15	7.0	1
2-Butanone	ND		ug/kg	15	3.4	1
Vinyl acetate	ND		ug/kg	15	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	15	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.1	0.20	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.1	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.1	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.43	1
1,3-Dichloropropane	ND		ug/kg	3.1	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.77	0.20	1
Bromobenzene	ND		ug/kg	3.1	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.26	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.1	0.18	1
o-Chlorotoluene	ND		ug/kg	3.1	0.29	1
p-Chlorotoluene	ND		ug/kg	3.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.2	0.26	1
Isopropylbenzene	ND		ug/kg	1.5	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.17	1
Naphthalene	ND		ug/kg	6.2	1.0	1
Acrylonitrile	ND		ug/kg	6.2	1.8	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-14 Date Collected: 06/25/24 10:45

Client ID: H13_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.1	0.50	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.1	0.42	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.1	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.1	0.51	1
1,4-Dioxane	ND		ug/kg	120	54.	1
p-Diethylbenzene	ND		ug/kg	3.1	0.27	1
p-Ethyltoluene	ND		ug/kg	3.1	0.59	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.1	0.29	1
Ethyl ether	ND		ug/kg	3.1	0.52	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.7	2.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-18
Client ID: H12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 11:55
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 14:57
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-18 Date Collected: 06/25/24 11:55

Client ID: H12_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-18 Date Collected: 06/25/24 11:55

Client ID: H12_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-22
Client ID: H11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 12:25
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 15:18
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.26	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.22	1
Benzene	ND		ug/kg	0.68	0.22	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-22 Date Collected: 06/25/24 12:25

Client ID: H11_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.39	1
Xylenes, Total	ND		ug/kg	1.4	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.26	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.5	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-22 Date Collected: 06/25/24 12:25

Client ID: H11_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-26
Client ID: H10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 12:55
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 15:39
Analyst: LAC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.67	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.73	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.4	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-26 Date Collected: 06/25/24 12:55

Client ID: H10_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.5	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
Vinyl acetate	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.67	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.3	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.15	1
Naphthalene	ND		ug/kg	5.4	0.87	1
Acrylonitrile	ND		ug/kg	5.4	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-26 Date Collected: 06/25/24 12:55

Client ID: H10_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	1.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-30 Date Collected: 06/25/24 13:20

Client ID: H9_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/28/24 16:00

Analyst: LAC

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	11	5.2	1
1,1-Dichloroethane	ND		ug/kg	2.2	0.33	1
Chloroform	ND		ug/kg	3.4	0.32	1
Carbon tetrachloride	ND		ug/kg	2.2	0.52	1
1,2-Dichloropropane	ND		ug/kg	2.2	0.28	1
Dibromochloromethane	ND		ug/kg	2.2	0.32	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.60	1
Tetrachloroethene	ND		ug/kg	1.1	0.44	1
Chlorobenzene	ND		ug/kg	1.1	0.29	1
Trichlorofluoromethane	ND		ug/kg	9.0	1.6	1
1,2-Dichloroethane	ND		ug/kg	2.2	0.58	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.38	1
Bromodichloromethane	ND		ug/kg	1.1	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	2.2	0.62	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.36	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.36	1
1,1-Dichloropropene	ND		ug/kg	1.1	0.36	1
Bromoform	ND		ug/kg	9.0	0.55	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.37	1
Benzene	ND		ug/kg	1.1	0.37	1
Toluene	ND		ug/kg	2.2	1.2	1
Ethylbenzene	ND		ug/kg	2.2	0.32	1
Chloromethane	ND		ug/kg	9.0	2.1	1
Bromomethane	ND		ug/kg	4.5	1.3	1
Vinyl chloride	ND		ug/kg	2.2	0.76	1
Chloroethane	ND		ug/kg	4.5	1.0	1
1,1-Dichloroethene	ND		ug/kg	2.2	0.54	1
trans-1,2-Dichloroethene	ND		ug/kg	3.4	0.31	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-30 Date Collected: 06/25/24 13:20

Client ID: H9_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	1.1	0.31	1
1,2-Dichlorobenzene	ND		ug/kg	4.5	0.32	1
1,3-Dichlorobenzene	ND		ug/kg	4.5	0.33	1
1,4-Dichlorobenzene	ND		ug/kg	4.5	0.38	1
Methyl tert butyl ether	ND		ug/kg	4.5	0.45	1
p/m-Xylene	ND		ug/kg	4.5	1.3	1
o-Xylene	ND		ug/kg	2.2	0.66	1
Xylenes, Total	ND		ug/kg	2.2	0.66	1
cis-1,2-Dichloroethene	ND		ug/kg	2.2	0.39	1
1,2-Dichloroethene, Total	ND		ug/kg	2.2	0.31	1
Dibromomethane	ND		ug/kg	4.5	0.54	1
Styrene	ND		ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	22	2.1	1
Acetone	ND		ug/kg	22	11.	1
Carbon disulfide	ND		ug/kg	22	10.	1
2-Butanone	ND		ug/kg	22	5.0	1
Vinyl acetate	ND		ug/kg	22	4.8	1
4-Methyl-2-pentanone	ND		ug/kg	22	2.9	1
1,2,3-Trichloropropane	ND		ug/kg	4.5	0.29	1
2-Hexanone	ND		ug/kg	22	2.7	1
Bromochloromethane	ND		ug/kg	4.5	0.46	1
2,2-Dichloropropane	ND		ug/kg	4.5	0.46	1
1,2-Dibromoethane	ND		ug/kg	2.2	0.63	1
1,3-Dichloropropane	ND		ug/kg	4.5	0.38	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.30	1
Bromobenzene	ND		ug/kg	4.5	0.33	1
n-Butylbenzene	ND		ug/kg	2.2	0.38	1
sec-Butylbenzene	ND		ug/kg	2.2	0.33	1
tert-Butylbenzene	ND		ug/kg	4.5	0.27	1
o-Chlorotoluene	ND		ug/kg	4.5	0.43	1
p-Chlorotoluene	ND		ug/kg	4.5	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	2.2	1
Hexachlorobutadiene	ND		ug/kg	9.0	0.38	1
Isopropylbenzene	ND		ug/kg	2.2	0.24	1
p-Isopropyltoluene	ND		ug/kg	2.2	0.24	1
Naphthalene	ND		ug/kg	9.0	1.5	1
Acrylonitrile	ND		ug/kg	9.0	2.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-30 Date Collected: 06/25/24 13:20

Client ID: H9_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.2	0.38	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.5	0.73	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.5	0.61	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.5	0.44	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.5	0.75	1
1,4-Dioxane	ND		ug/kg	180	79.	1
p-Diethylbenzene	ND		ug/kg	4.5	0.40	1
p-Ethyltoluene	ND		ug/kg	4.5	0.87	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.5	0.43	1
Ethyl ether	ND		ug/kg	4.5	0.77	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	11	3.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-35
Client ID: TB_06252024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 00:00
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 06/27/24 15:54
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	1.8	J	ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-35 Date Collected: 06/20/24 00:00

Client ID: TB_06252024 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-35 Date Collected: 06/20/24 00:00

Client ID: TB_06252024 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	106		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 15:32
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 35 Batch: WG1940775-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	1.8	J	ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 15:32
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 35 Batch: WG1940775-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 15:32
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 35 Batch: WG1940775-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/l

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 15:32
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 35 Batch: WG1940775-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 08:36
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10,14,18,22,26,30 Batch: WG1940843-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	1.3	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 08:36
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10,14,18,22,26,30 Batch: WG1940843-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 08:36
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10,14,18,22,26,30 Batch: WG1940843-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 08:36
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10,14,18,22,26,30 Batch: WG1940843-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/30/24 17:54
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06 Batch: WG1941725-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.50	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/30/24 17:54
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06 Batch: WG1941725-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/30/24 17:54
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06 Batch: WG1941725-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	9.58	J	ug/kg
Unknown	9.58	J	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/30/24 17:54
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06 Batch: WG1941725-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 35 Batch: WG1940775-3 WG1940775-4								
Methylene chloride	110		98		70-130	12		20
1,1-Dichloroethane	100		91		70-130	9		20
Chloroform	110		97		70-130	13		20
Carbon tetrachloride	120		110		63-132	9		20
1,2-Dichloropropane	96		85		70-130	12		20
Dibromochloromethane	110		97		63-130	13		20
1,1,2-Trichloroethane	99		89		70-130	11		20
Tetrachloroethene	110		95		70-130	15		20
Chlorobenzene	110		96		75-130	14		20
Trichlorofluoromethane	81		73		62-150	10		20
1,2-Dichloroethane	100		93		70-130	7		20
1,1,1-Trichloroethane	120		100		67-130	18		20
Bromodichloromethane	100		94		67-130	6		20
trans-1,3-Dichloropropene	96		88		70-130	9		20
cis-1,3-Dichloropropene	98		87		70-130	12		20
1,1-Dichloropropene	100		94		70-130	6		20
Bromoform	100		100		54-136	0		20
1,1,2,2-Tetrachloroethane	85		81		67-130	5		20
Benzene	95		86		70-130	10		20
Toluene	100		90		70-130	11		20
Ethylbenzene	100		92		70-130	8		20
Chloromethane	120		98		64-130	20		20
Bromomethane	**23**	Q	**20**	Q	39-139	14		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 35 Batch: WG1940775-3 WG1940775-4								
Vinyl chloride	76		67		55-140	13		20
Chloroethane	61		58		55-138	5		20
1,1-Dichloroethene	110		95		61-145	15		20
trans-1,2-Dichloroethene	110		95		70-130	15		20
Trichloroethene	120		110		70-130	9		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		99		70-130	1		20
1,4-Dichlorobenzene	100		99		70-130	1		20
Methyl tert butyl ether	97		89		63-130	9		20
p/m-Xylene	100		90		70-130	11		20
o-Xylene	100		90		70-130	11		20
cis-1,2-Dichloroethene	100		94		70-130	6		20
Dibromomethane	110		98		70-130	12		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	87		80		70-130	8		20
Styrene	95		85		70-130	11		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	120		120		58-148	0		20
Carbon disulfide	110		94		51-130	16		20
2-Butanone	99		87		63-138	13		20
Vinyl acetate	**53**	Q	**46**	Q	70-130	14		20
4-Methyl-2-pentanone	84		78		59-130	7		20
2-Hexanone	81		77		57-130	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 35 Batch: WG1940775-3 WG1940775-4								
Bromochloromethane	110		96		70-130	14		20
2,2-Dichloropropane	95		85		63-133	11		20
1,2-Dibromoethane	100		96		70-130	4		20
1,3-Dichloropropane	100		93		70-130	7		20
1,1,1,2-Tetrachloroethane	110		97		64-130	13		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	100		98		53-136	2		20
sec-Butylbenzene	100		99		70-130	1		20
tert-Butylbenzene	110		100		70-130	10		20
o-Chlorotoluene	100		99		70-130	1		20
p-Chlorotoluene	100		99		70-130	1		20
1,2-Dibromo-3-chloropropane	100		110		41-144	10		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	100		99		70-130	1		20
p-Isopropyltoluene	100		99		70-130	1		20
Naphthalene	110		100		70-130	10		20
n-Propylbenzene	100		97		69-130	3		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	100		99		64-130	1		20
1,2,4-Trimethylbenzene	110		99		70-130	11		20
1,4-Dioxane	112		96		56-162	15		20
p-Diethylbenzene	100		98		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 35 Batch: WG1940775-3 WG1940775-4								
p-Ethyltoluene	100		98		70-130	2		20
1,2,4,5-Tetramethylbenzene	100		98		70-130	2		20
Ethyl ether	70		61		59-134	14		20
trans-1,4-Dichloro-2-butene	77		72		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		104		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	101		106		70-130
Dibromofluoromethane	110		109		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10,14,18,22,26,30 Batch: WG1940843-3 WG1940843-4								
Methylene chloride	89		90		70-130	1		30
1,1-Dichloroethane	92		92		70-130	0		30
Chloroform	89		90		70-130	1		30
Carbon tetrachloride	89		88		70-130	1		30
1,2-Dichloropropane	90		92		70-130	2		30
Dibromochloromethane	81		85		70-130	5		30
1,1,2-Trichloroethane	86		92		70-130	7		30
Tetrachloroethene	89		89		70-130	0		30
Chlorobenzene	87		88		70-130	1		30
Trichlorofluoromethane	97		95		70-139	2		30
1,2-Dichloroethane	88		90		70-130	2		30
1,1,1-Trichloroethane	88		87		70-130	1		30
Bromodichloromethane	85		86		70-130	1		30
trans-1,3-Dichloropropene	83		87		70-130	5		30
cis-1,3-Dichloropropene	85		87		70-130	2		30
1,1-Dichloropropene	91		90		70-130	1		30
Bromoform	76		86		70-130	12		30
1,1,2,2-Tetrachloroethane	82		88		70-130	7		30
Benzene	88		88		70-130	0		30
Toluene	82		83		70-130	1		30
Ethylbenzene	89		89		70-130	0		30
Chloromethane	97		95		52-130	2		30
Bromomethane	98		97		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10,14,18,22,26,30 Batch: WG1940843-3 WG1940843-4								
Vinyl chloride	98		95		67-130	3		30
Chloroethane	106		103		50-151	3		30
1,1-Dichloroethene	92		92		65-135	0		30
trans-1,2-Dichloroethene	87		87		70-130	0		30
Trichloroethene	91		92		70-130	1		30
1,2-Dichlorobenzene	88		91		70-130	3		30
1,3-Dichlorobenzene	89		92		70-130	3		30
1,4-Dichlorobenzene	88		93		70-130	6		30
Methyl tert butyl ether	85		89		66-130	5		30
p/m-Xylene	89		89		70-130	0		30
o-Xylene	88		90		70-130	2		30
cis-1,2-Dichloroethene	88		88		70-130	0		30
Dibromomethane	84		89		70-130	6		30
Styrene	88		90		70-130	2		30
Dichlorodifluoromethane	93		89		30-146	4		30
Acetone	85		103		54-140	19		30
Carbon disulfide	94		94		59-130	0		30
2-Butanone	79		87		70-130	10		30
Vinyl acetate	83		82		70-130	1		30
4-Methyl-2-pentanone	75		85		70-130	13		30
1,2,3-Trichloropropane	86		93		68-130	8		30
2-Hexanone	70		81		70-130	15		30
Bromochloromethane	89		90		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10,14,18,22,26,30 Batch: WG1940843-3 WG1940843-4								
2,2-Dichloropropane	86		84		70-130	2		30
1,2-Dibromoethane	82		87		70-130	6		30
1,3-Dichloropropane	88		92		69-130	4		30
1,1,1,2-Tetrachloroethane	84		87		70-130	4		30
Bromobenzene	85		87		70-130	2		30
n-Butylbenzene	98		100		70-130	2		30
sec-Butylbenzene	93		95		70-130	2		30
tert-Butylbenzene	89		90		70-130	1		30
o-Chlorotoluene	91		93		70-130	2		30
p-Chlorotoluene	89		92		70-130	3		30
1,2-Dibromo-3-chloropropane	72		83		68-130	14		30
Hexachlorobutadiene	94		94		67-130	0		30
Isopropylbenzene	90		91		70-130	1		30
p-Isopropyltoluene	93		94		70-130	1		30
Naphthalene	80		89		70-130	11		30
Acrylonitrile	87		97		70-130	11		30
n-Propylbenzene	92		94		70-130	2		30
1,2,3-Trichlorobenzene	90		95		70-130	5		30
1,2,4-Trichlorobenzene	90		95		70-130	5		30
1,3,5-Trimethylbenzene	91		92		70-130	1		30
1,2,4-Trimethylbenzene	90		93		70-130	3		30
1,4-Dioxane	87		87		65-136	0		30
p-Diethylbenzene	92		94		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10,14,18,22,26,30 Batch: WG1940843-3 WG1940843-4								
p-Ethyltoluene	91		93		70-130	2		30
1,2,4,5-Tetramethylbenzene	87		90		70-130	3		30
Ethyl ether	90		92		67-130	2		30
trans-1,4-Dichloro-2-butene	78		89		70-130	13		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		102		70-130
Toluene-d8	99		97		70-130
4-Bromofluorobenzene	94		97		70-130
Dibromofluoromethane	102		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06 Batch: WG1941725-3 WG1941725-4								
Methylene chloride	100		94		70-130	6		30
1,1-Dichloroethane	115		114		70-130	1		30
Chloroform	113		114		70-130	1		30
Carbon tetrachloride	111		110		70-130	1		30
1,2-Dichloropropane	115		116		70-130	1		30
Dibromochloromethane	114		112		70-130	2		30
1,1,2-Trichloroethane	112		110		70-130	2		30
Tetrachloroethene	114		111		70-130	3		30
Chlorobenzene	110		108		70-130	2		30
Trichlorofluoromethane	115		110		70-139	4		30
1,2-Dichloroethane	113		113		70-130	0		30
1,1,1-Trichloroethane	115		113		70-130	2		30
Bromodichloromethane	114		113		70-130	1		30
trans-1,3-Dichloropropene	116		115		70-130	1		30
cis-1,3-Dichloropropene	116		116		70-130	0		30
1,1-Dichloropropene	118		115		70-130	3		30
Bromoform	110		111		70-130	1		30
1,1,2,2-Tetrachloroethane	111		110		70-130	1		30
Benzene	114		112		70-130	2		30
Toluene	110		109		70-130	1		30
Ethylbenzene	110		108		70-130	2		30
Chloromethane	114		107		52-130	6		30
Bromomethane	87		84		57-147	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06 Batch: WG1941725-3 WG1941725-4								
Vinyl chloride	106		102		67-130	4		30
Chloroethane	115		114		50-151	1		30
1,1-Dichloroethene	116		113		65-135	3		30
trans-1,2-Dichloroethene	114		111		70-130	3		30
Trichloroethene	116		116		70-130	0		30
1,2-Dichlorobenzene	113		109		70-130	4		30
1,3-Dichlorobenzene	111		110		70-130	1		30
1,4-Dichlorobenzene	110		107		70-130	3		30
Methyl tert butyl ether	114		113		66-130	1		30
p/m-Xylene	111		109		70-130	2		30
o-Xylene	111		110		70-130	1		30
cis-1,2-Dichloroethene	112		110		70-130	2		30
Dibromomethane	118		117		70-130	1		30
Styrene	112		111		70-130	1		30
Dichlorodifluoromethane	110		103		30-146	7		30
Acetone	116		105		54-140	10		30
Carbon disulfide	112		103		59-130	8		30
2-Butanone	115		117		70-130	2		30
Vinyl acetate	113		105		70-130	7		30
4-Methyl-2-pentanone	116		114		70-130	2		30
1,2,3-Trichloropropane	114		112		68-130	2		30
2-Hexanone	113		112		70-130	1		30
Bromochloromethane	116		113		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06 Batch: WG1941725-3 WG1941725-4								
2,2-Dichloropropane	116		113		70-130	3		30
1,2-Dibromoethane	118		117		70-130	1		30
1,3-Dichloropropane	113		112		69-130	1		30
1,1,1,2-Tetrachloroethane	112		112		70-130	0		30
Bromobenzene	107		108		70-130	1		30
n-Butylbenzene	115		110		70-130	4		30
sec-Butylbenzene	111		108		70-130	3		30
tert-Butylbenzene	111		107		70-130	4		30
o-Chlorotoluene	108		108		70-130	0		30
p-Chlorotoluene	111		110		70-130	1		30
1,2-Dibromo-3-chloropropane	111		111		68-130	0		30
Hexachlorobutadiene	111		106		67-130	5		30
Isopropylbenzene	113		110		70-130	3		30
p-Isopropyltoluene	112		108		70-130	4		30
Naphthalene	113		110		70-130	3		30
Acrylonitrile	126		118		70-130	7		30
n-Propylbenzene	112		112		70-130	0		30
1,2,3-Trichlorobenzene	115		111		70-130	4		30
1,2,4-Trichlorobenzene	114		111		70-130	3		30
1,3,5-Trimethylbenzene	112		110		70-130	2		30
1,2,4-Trimethylbenzene	112		109		70-130	3		30
1,4-Dioxane	112		107		65-136	5		30
p-Diethylbenzene	113		110		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06 Batch: WG1941725-3 WG1941725-4								
p-Ethyltoluene	110		109		70-130	1		30
1,2,4,5-Tetramethylbenzene	111		107		70-130	4		30
Ethyl ether	118		113		67-130	4		30
trans-1,4-Dichloro-2-butene	118		118		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		99		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	98		102		70-130
Dibromofluoromethane	102		102		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-02
Client ID: G15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 08:30
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/02/24 09:45
Analyst: ALS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-02 Date Collected: 06/25/24 08:30

Client ID: G15_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-02 Date Collected: 06/25/24 08:30

Client ID: G15_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
Total TIC Compounds	181	J	ug/kg			1
Unknown Amide	181	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	101		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	95		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-06
Client ID: H15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 09:15
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/02/24 06:11
Analyst: ALS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-06 Date Collected: 06/25/24 09:15

Client ID: H15_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-06 Date Collected: 06/25/24 09:15

Client ID: H15_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
Total TIC Compounds	355	J	ug/kg			1
Unknown Amide	355	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	94		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-10
Client ID: H14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 10:05
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/02/24 05:47
Analyst: ALS
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-10 Date Collected: 06/25/24 10:05

Client ID: H14_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-10 Date Collected: 06/25/24 10:05

Client ID: H14_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	76		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-14
Client ID: H13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 10:45
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/02/24 08:57
Analyst: ALS
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	35.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	35.	1
Fluoranthene	42	J	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	71.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-14 Date Collected: 06/25/24 10:45

Client ID: H13_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	29	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	36	J	ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	30	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	26	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	39	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	85.	1
Dibenzofuran	ND		ug/kg	210	19.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	440	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-14 Date Collected: 06/25/24 10:45

Client ID: H13_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	39.	1
Benzoic Acid	230	J	ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	63.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1
Tentatively Identified Compounds						
Total TIC Compounds	5910	J	ug/kg			1
Unknown	2100	J	ug/kg			1
Unknown Organic Acid	300	J	ug/kg			1
Unknown	572	J	ug/kg			1
Unknown	171	J	ug/kg			1
Unknown Alkene	256	J	ug/kg			1
Unknown	209	J	ug/kg			1
Unknown	211	J	ug/kg			1
Unknown	240	J	ug/kg			1
Unknown	375	J	ug/kg			1
Unknown	172	J	ug/kg			1
Unknown	184	J	ug/kg			1
Unknown	267	J	ug/kg			1
Unknown	657	J	ug/kg			1
Unknown	191	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	107		10-120
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	105		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	102		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-18
Client ID: H12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 11:55
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/02/24 08:09
Analyst: ALS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-18 Date Collected: 06/25/24 11:55

Client ID: H12_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-18 Date Collected: 06/25/24 11:55

Client ID: H12_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	1030	J	ug/kg			1
Unknown	186	J	ug/kg			1
Unknown	175	J	ug/kg			1
Unknown	501	J	ug/kg			1
Unknown Amide	172	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	87		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-22
Client ID: H11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 12:25
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/02/24 06:35
Analyst: ALS
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-22 Date Collected: 06/25/24 12:25

Client ID: H11_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-22 Date Collected: 06/25/24 12:25

Client ID: H11_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1
Tentatively Identified Compounds						
Total TIC Compounds	1030	J	ug/kg			1
Tetrachloroethene	876	NJ	ug/kg			1
Unknown	154	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	79		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-26
Client ID: H10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 12:55
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/02/24 06:58
Analyst: ALS
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-26 Date Collected: 06/25/24 12:55

Client ID: H10_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-26 Date Collected: 06/25/24 12:55

Client ID: H10_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1
Tentatively Identified Compounds						
Total TIC Compounds	190	J	ug/kg			1
Unknown Amide	190	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	78		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-30
Client ID: H9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 13:20
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/02/24 09:20
Analyst: ALS
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	55.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	29	J	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	73	J	ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-30 Date Collected: 06/25/24 13:20

Client ID: H9_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	26	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	980	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-30 Date Collected: 06/25/24 13:20

Client ID: H9_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	63.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	31	9.4	1
Tentatively Identified Compounds						
Total TIC Compounds	2780	J	ug/kg			1
Unknown	202	J	ug/kg			1
Unknown	226	J	ug/kg			1
Unknown Alkane	485	J	ug/kg			1
Unknown	248	J	ug/kg			1
Unknown	241	J	ug/kg			1
Unknown	238	J	ug/kg			1
Unknown Organic Acid	262	J	ug/kg			1
Unknown	707	J	ug/kg			1
Unknown Alkene	170	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	90		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/02/24 00:39
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1941275-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/02/24 00:39
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1941275-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/02/24 00:39
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1941275-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	94		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/01/24 18:02
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06,10,14,18,22,26,30 Batch: WG1941278-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/01/24 18:02
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06,10,14,18,22,26,30 Batch: WG1941278-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/01/24 18:02
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06,10,14,18,22,26,30 Batch: WG1941278-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	96		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1941275-2 WG1941275-3								
Acenaphthene	84		86		31-137	2		50
1,2,4-Trichlorobenzene	84		85		38-107	1		50
Hexachlorobenzene	72		76		40-140	5		50
Bis(2-chloroethyl)ether	82		84		40-140	2		50
2-Chloronaphthalene	87		90		40-140	3		50
1,2-Dichlorobenzene	77		79		40-140	3		50
1,3-Dichlorobenzene	74		76		40-140	3		50
1,4-Dichlorobenzene	76		78		28-104	3		50
3,3'-Dichlorobenzidine	74		74		40-140	0		50
2,4-Dinitrotoluene	90		95		40-132	5		50
2,6-Dinitrotoluene	91		95		40-140	4		50
Fluoranthene	95		99		40-140	4		50
4-Chlorophenyl phenyl ether	92		95		40-140	3		50
4-Bromophenyl phenyl ether	84		90		40-140	7		50
Bis(2-chloroisopropyl)ether	130		130		40-140	0		50
Bis(2-chloroethoxy)methane	87		87		40-117	0		50
Hexachlorobutadiene	94		97		40-140	3		50
Hexachlorocyclopentadiene	52		56		40-140	7		50
Hexachloroethane	84		85		40-140	1		50
Isophorone	91		92		40-140	1		50
Naphthalene	78		82		40-140	5		50
Nitrobenzene	93		94		40-140	1		50
NDPA/DPA	86		90		36-157	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1941275-2 WG1941275-3								
n-Nitrosodi-n-propylamine	98		97		32-121	1		50
Bis(2-ethylhexyl)phthalate	79		82		40-140	4		50
Butyl benzyl phthalate	94		98		40-140	4		50
Di-n-butylphthalate	101		105		40-140	4		50
Di-n-octylphthalate	79		84		40-140	6		50
Diethyl phthalate	90		92		40-140	2		50
Dimethyl phthalate	91		95		40-140	4		50
Benzo(a)anthracene	92		97		40-140	5		50
Benzo(a)pyrene	83		91		40-140	9		50
Benzo(b)fluoranthene	81		86		40-140	6		50
Benzo(k)fluoranthene	80		85		40-140	6		50
Chrysene	85		88		40-140	3		50
Acenaphthylene	86		92		40-140	7		50
Anthracene	88		92		40-140	4		50
Benzo(ghi)perylene	93		93		40-140	0		50
Fluorene	86		92		40-140	7		50
Phenanthrene	85		87		40-140	2		50
Dibenzo(a,h)anthracene	94		95		40-140	1		50
Indeno(1,2,3-cd)pyrene	91		92		40-140	1		50
Pyrene	94		97		35-142	3		50
Biphenyl	79		82		37-127	4		50
4-Chloroaniline	74		71		40-140	4		50
2-Nitroaniline	87		91		47-134	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1941275-2 WG1941275-3								
3-Nitroaniline	80		78		26-129	3		50
4-Nitroaniline	84		90		41-125	7		50
Dibenzofuran	84		88		40-140	5		50
2-Methylnaphthalene	87		90		40-140	3		50
1,2,4,5-Tetrachlorobenzene	84		88		40-117	5		50
Acetophenone	85		85		14-144	0		50
2,4,6-Trichlorophenol	87		93		30-130	7		50
p-Chloro-m-cresol	94		96		26-103	2		50
2-Chlorophenol	79		82		25-102	4		50
2,4-Dichlorophenol	81		86		30-130	6		50
2,4-Dimethylphenol	80		82		30-130	2		50
2-Nitrophenol	77		80		30-130	4		50
4-Nitrophenol	96		**115**	Q	11-114	18		50
2,4-Dinitrophenol	31		40		4-130	25		50
4,6-Dinitro-o-cresol	62		69		10-130	11		50
Pentachlorophenol	58		64		17-109	10		50
Phenol	84		88		26-90	5		50
2-Methylphenol	86		90		30-130.	5		50
3-Methylphenol/4-Methylphenol	84		88		30-130	5		50
2,4,5-Trichlorophenol	83		88		30-130	6		50
Benzoic Acid	**6**	Q	**9**	Q	10-110	36		50
Benzyl Alcohol	99		98		40-140	1		50
Carbazole	86		91		54-128	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1941275-2 WG1941275-3								
1,4-Dioxane	48		47		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		78		25-120
Phenol-d6	84		87		10-120
Nitrobenzene-d5	88		88		23-120
2-Fluorobiphenyl	82		85		30-120
2,4,6-Tribromophenol	57		62		10-136
4-Terphenyl-d14	84		84		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,10,14,18,22,26,30 Batch: WG1941278-2 WG1941278-3								
Acenaphthene	80		90		31-137	12		50
1,2,4-Trichlorobenzene	78		86		38-107	10		50
Hexachlorobenzene	84		93		40-140	10		50
Bis(2-chloroethyl)ether	80		89		40-140	11		50
2-Chloronaphthalene	80		87		40-140	8		50
1,2-Dichlorobenzene	75		82		40-140	9		50
1,3-Dichlorobenzene	73		82		40-140	12		50
1,4-Dichlorobenzene	75		82		28-104	9		50
3,3'-Dichlorobenzidine	68		71		40-140	4		50
2,4-Dinitrotoluene	97		109		40-132	12		50
2,6-Dinitrotoluene	92		103		40-140	11		50
Fluoranthene	85		96		40-140	12		50
4-Chlorophenyl phenyl ether	80		90		40-140	12		50
4-Bromophenyl phenyl ether	84		93		40-140	10		50
Bis(2-chloroisopropyl)ether	80		89		40-140	11		50
Bis(2-chloroethoxy)methane	86		95		40-117	10		50
Hexachlorobutadiene	75		82		40-140	9		50
Hexachlorocyclopentadiene	63		70		40-140	11		50
Hexachloroethane	76		85		40-140	11		50
Isophorone	83		92		40-140	10		50
Naphthalene	79		87		40-140	10		50
Nitrobenzene	92		103		40-140	11		50
NDPA/DPA	79		88		36-157	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,10,14,18,22,26,30 Batch: WG1941278-2 WG1941278-3								
n-Nitrosodi-n-propylamine	85		96		32-121	12		50
Bis(2-ethylhexyl)phthalate	102		112		40-140	9		50
Butyl benzyl phthalate	85		95		40-140	11		50
Di-n-butylphthalate	91		102		40-140	11		50
Di-n-octylphthalate	94		104		40-140	10		50
Diethyl phthalate	82		93		40-140	13		50
Dimethyl phthalate	77		85		40-140	10		50
Benzo(a)anthracene	82		91		40-140	10		50
Benzo(a)pyrene	88		98		40-140	11		50
Benzo(b)fluoranthene	88		97		40-140	10		50
Benzo(k)fluoranthene	87		96		40-140	10		50
Chrysene	82		91		40-140	10		50
Acenaphthylene	78		87		40-140	11		50
Anthracene	84		95		40-140	12		50
Benzo(ghi)perylene	81		91		40-140	12		50
Fluorene	80		88		40-140	10		50
Phenanthrene	83		92		40-140	10		50
Dibenzo(a,h)anthracene	81		92		40-140	13		50
Indeno(1,2,3-cd)pyrene	84		95		40-140	12		50
Pyrene	85		95		35-142	11		50
Biphenyl	80		90		37-127	12		50
4-Chloroaniline	55		78		40-140	35		50
2-Nitroaniline	102		114		47-134	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,10,14,18,22,26,30 Batch: WG1941278-2 WG1941278-3								
3-Nitroaniline	88		97		26-129	10		50
4-Nitroaniline	96		109		41-125	13		50
Dibenzofuran	79		88		40-140	11		50
2-Methylnaphthalene	81		91		40-140	12		50
1,2,4,5-Tetrachlorobenzene	82		91		40-117	10		50
Acetophenone	87		96		14-144	10		50
2,4,6-Trichlorophenol	73		77		30-130	5		50
p-Chloro-m-cresol	85		93		26-103	9		50
2-Chlorophenol	81		87		25-102	7		50
2,4-Dichlorophenol	75		78		30-130	4		50
2,4-Dimethylphenol	75		80		30-130	6		50
2-Nitrophenol	93		98		30-130	5		50
4-Nitrophenol	77		81		11-114	5		50
2,4-Dinitrophenol	38		35		4-130	8		50
4,6-Dinitro-o-cresol	61		61		10-130	0		50
Pentachlorophenol	59		59		17-109	0		50
Phenol	86		**95**	Q	26-90	10		50
2-Methylphenol	85		93		30-130.	9		50
3-Methylphenol/4-Methylphenol	90		98		30-130	9		50
2,4,5-Trichlorophenol	69		71		30-130	3		50
Benzoic Acid	13		12		10-110	8		50
Benzyl Alcohol	85		95		40-140	11		50
Carbazole	84		94		54-128	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,10,14,18,22,26,30 Batch: WG1941278-2 WG1941278-3								
1,4-Dioxane	51		55		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		77		25-120
Phenol-d6	80		88		10-120
Nitrobenzene-d5	84		93		23-120
2-Fluorobiphenyl	71		78		30-120
2,4,6-Tribromophenol	74		76		10-136
4-Terphenyl-d14	79		87		18-120

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-02
Client ID: G15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 08:30
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 23:59
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:19
Cleanup Method: EPA 3665A
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.6	4.58	1	A
Aroclor 1221	ND		ug/kg	51.6	5.17	1	A
Aroclor 1232	ND		ug/kg	51.6	10.9	1	A
Aroclor 1242	ND		ug/kg	51.6	6.95	1	A
Aroclor 1248	ND		ug/kg	51.6	7.74	1	A
Aroclor 1254	ND		ug/kg	51.6	5.64	1	A
Aroclor 1260	ND		ug/kg	51.6	9.53	1	A
Aroclor 1262	ND		ug/kg	51.6	6.55	1	A
Aroclor 1268	ND		ug/kg	51.6	5.34	1	A
PCBs, Total	ND		ug/kg	51.6	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	117		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	117		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-06
Client ID: H15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 09:15
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 20:34
Analyst: MHG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:26
Cleanup Method: EPA 3665A
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.6	4.49	1	A
Aroclor 1221	ND		ug/kg	50.6	5.07	1	A
Aroclor 1232	ND		ug/kg	50.6	10.7	1	A
Aroclor 1242	ND		ug/kg	50.6	6.82	1	A
Aroclor 1248	ND		ug/kg	50.6	7.59	1	A
Aroclor 1254	ND		ug/kg	50.6	5.54	1	A
Aroclor 1260	ND		ug/kg	50.6	9.35	1	A
Aroclor 1262	ND		ug/kg	50.6	6.43	1	A
Aroclor 1268	ND		ug/kg	50.6	5.24	1	A
PCBs, Total	ND		ug/kg	50.6	4.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-10
Client ID: H14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 10:05
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 20:42
Analyst: MHG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:26
Cleanup Method: EPA 3665A
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.9	4.70	1	A
Aroclor 1221	ND		ug/kg	52.9	5.30	1	A
Aroclor 1232	ND		ug/kg	52.9	11.2	1	A
Aroclor 1242	ND		ug/kg	52.9	7.13	1	A
Aroclor 1248	ND		ug/kg	52.9	7.93	1	A
Aroclor 1254	ND		ug/kg	52.9	5.79	1	A
Aroclor 1260	ND		ug/kg	52.9	9.78	1	A
Aroclor 1262	ND		ug/kg	52.9	6.72	1	A
Aroclor 1268	ND		ug/kg	52.9	5.48	1	A
PCBs, Total	ND		ug/kg	52.9	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-14
Client ID: H13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 10:45
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 20:50
Analyst: MHG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:26
Cleanup Method: EPA 3665A
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.4	5.45	1	A
Aroclor 1221	ND		ug/kg	61.4	6.15	1	A
Aroclor 1232	ND		ug/kg	61.4	13.0	1	A
Aroclor 1242	ND		ug/kg	61.4	8.27	1	A
Aroclor 1248	ND		ug/kg	61.4	9.20	1	A
Aroclor 1254	ND		ug/kg	61.4	6.71	1	A
Aroclor 1260	21.0	J	ug/kg	61.4	11.3	1	B
Aroclor 1262	ND		ug/kg	61.4	7.79	1	A
Aroclor 1268	ND		ug/kg	61.4	6.36	1	A
PCBs, Total	21.0	J	ug/kg	61.4	5.45	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-18
Client ID: H12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 11:55
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 20:58
Analyst: MHG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:26
Cleanup Method: EPA 3665A
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.6	4.76	1	A
Aroclor 1221	ND		ug/kg	53.6	5.37	1	A
Aroclor 1232	ND		ug/kg	53.6	11.4	1	A
Aroclor 1242	ND		ug/kg	53.6	7.22	1	A
Aroclor 1248	ND		ug/kg	53.6	8.04	1	A
Aroclor 1254	ND		ug/kg	53.6	5.86	1	A
Aroclor 1260	ND		ug/kg	53.6	9.90	1	A
Aroclor 1262	ND		ug/kg	53.6	6.81	1	A
Aroclor 1268	ND		ug/kg	53.6	5.55	1	A
PCBs, Total	ND		ug/kg	53.6	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-22
Client ID: H11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 12:25
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 21:06
Analyst: MHG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:26
Cleanup Method: EPA 3665A
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.7	4.77	1	A
Aroclor 1221	ND		ug/kg	53.7	5.38	1	A
Aroclor 1232	ND		ug/kg	53.7	11.4	1	A
Aroclor 1242	ND		ug/kg	53.7	7.24	1	A
Aroclor 1248	ND		ug/kg	53.7	8.05	1	A
Aroclor 1254	ND		ug/kg	53.7	5.87	1	A
Aroclor 1260	ND		ug/kg	53.7	9.92	1	A
Aroclor 1262	ND		ug/kg	53.7	6.82	1	A
Aroclor 1268	ND		ug/kg	53.7	5.56	1	A
PCBs, Total	ND		ug/kg	53.7	4.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-26
Client ID: H10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 12:55
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 21:13
Analyst: MHG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:26
Cleanup Method: EPA 3665A
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.0	4.98	1	A
Aroclor 1221	ND		ug/kg	56.0	5.61	1	A
Aroclor 1232	ND		ug/kg	56.0	11.9	1	A
Aroclor 1242	ND		ug/kg	56.0	7.55	1	A
Aroclor 1248	ND		ug/kg	56.0	8.40	1	A
Aroclor 1254	ND		ug/kg	56.0	6.13	1	A
Aroclor 1260	ND		ug/kg	56.0	10.4	1	A
Aroclor 1262	ND		ug/kg	56.0	7.12	1	A
Aroclor 1268	ND		ug/kg	56.0	5.80	1	A
PCBs, Total	ND		ug/kg	56.0	4.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-30
Client ID: H9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 13:20
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 21:21
Analyst: MHG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:26
Cleanup Method: EPA 3665A
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.5	5.37	1	A
Aroclor 1221	ND		ug/kg	60.5	6.06	1	A
Aroclor 1232	ND		ug/kg	60.5	12.8	1	A
Aroclor 1242	ND		ug/kg	60.5	8.15	1	A
Aroclor 1248	ND		ug/kg	60.5	9.07	1	A
Aroclor 1254	ND		ug/kg	60.5	6.61	1	A
Aroclor 1260	ND		ug/kg	60.5	11.2	1	A
Aroclor 1262	ND		ug/kg	60.5	7.68	1	A
Aroclor 1268	ND		ug/kg	60.5	6.26	1	A
PCBs, Total	ND		ug/kg	60.5	5.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/01/24 19:24
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03
Cleanup Method: EPA 3665A
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG1941274-1						
Aroclor 1016	ND		ug/kg	46.2	4.11	A
Aroclor 1221	ND		ug/kg	46.2	4.63	A
Aroclor 1232	ND		ug/kg	46.2	9.80	A
Aroclor 1242	ND		ug/kg	46.2	6.23	A
Aroclor 1248	ND		ug/kg	46.2	6.94	A
Aroclor 1254	ND		ug/kg	46.2	5.06	A
Aroclor 1260	ND		ug/kg	46.2	8.55	A
Aroclor 1262	ND		ug/kg	46.2	5.87	A
Aroclor 1268	ND		ug/kg	46.2	4.79	A
PCBs, Total	ND		ug/kg	46.2	4.11	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		30-150	A
Decachlorobiphenyl	120		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	122		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/01/24 18:13
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:04
Cleanup Method: EPA 3665A
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06,10,14,18,22,26,30 Batch: WG1941277-1						
Aroclor 1016	ND		ug/kg	48.8	4.34	A
Aroclor 1221	ND		ug/kg	48.8	4.89	A
Aroclor 1232	ND		ug/kg	48.8	10.4	A
Aroclor 1242	ND		ug/kg	48.8	6.58	A
Aroclor 1248	ND		ug/kg	48.8	7.32	A
Aroclor 1254	ND		ug/kg	48.8	5.34	A
Aroclor 1260	ND		ug/kg	48.8	9.02	A
Aroclor 1262	ND		ug/kg	48.8	6.20	A
Aroclor 1268	ND		ug/kg	48.8	5.06	A
PCBs, Total	ND		ug/kg	48.8	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	90		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG1941274-2 WG1941274-3									
Aroclor 1016	96		87		40-140	10		50	A
Aroclor 1260	93		86		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		87		30-150	A
Decachlorobiphenyl	120		109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		89		30-150	B
Decachlorobiphenyl	122		111		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06,10,14,18,22,26,30 Batch: WG1941277-2 WG1941277-3									
Aroclor 1016	84		86		40-140	2		50	A
Aroclor 1260	77		83		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		77		30-150	A
Decachlorobiphenyl	80		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		83		30-150	B
Decachlorobiphenyl	82		92		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-01
Client ID: G15_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 08:25
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 22:20
Analyst: PEG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:27
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.95	0.382	1	A
Lindane	ND		ug/kg	0.813	0.363	1	A
Alpha-BHC	ND		ug/kg	0.813	0.231	1	A
Beta-BHC	ND		ug/kg	1.95	0.740	1	A
Heptachlor	0.465	JIP	ug/kg	0.975	0.437	1	A
Aldrin	ND		ug/kg	1.95	0.687	1	A
Heptachlor epoxide	7.92		ug/kg	3.66	1.10	1	B
Endrin	ND		ug/kg	0.813	0.333	1	A
Endrin aldehyde	ND		ug/kg	2.44	0.853	1	A
Endrin ketone	ND		ug/kg	1.95	0.502	1	A
Dieldrin	16.3		ug/kg	1.22	0.610	1	A
4,4'-DDE	12.8		ug/kg	1.95	0.451	1	A
4,4'-DDD	ND		ug/kg	1.95	0.696	1	A
4,4'-DDT	5.61		ug/kg	1.95	1.57	1	B
Endosulfan I	ND		ug/kg	1.95	0.461	1	A
Endosulfan II	ND		ug/kg	1.95	0.652	1	A
Endosulfan sulfate	ND		ug/kg	0.813	0.387	1	A
Methoxychlor	ND		ug/kg	3.66	1.14	1	A
Toxaphene	ND		ug/kg	36.6	10.2	1	A
cis-Chlordane	16.3	IP	ug/kg	2.44	0.679	1	B
trans-Chlordane	12.4		ug/kg	2.44	0.644	1	B
Chlordane	157		ug/kg	16.2	6.46	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-01 Date Collected: 06/25/24 08:25

Client ID: G15_0-0.2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-01
Client ID: G15_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 08:25
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 22:36
Analyst: MMG
Percent Solids: 82%
Methylation Date: 06/30/24 09:08

Extraction Method: EPA 8151A
Extraction Date: 06/29/24 07:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	200	12.6	1	A
2,4,5-T	ND		ug/kg	200	6.19	1	A
2,4,5-TP (Silvex)	ND		ug/kg	200	5.31	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-02
Client ID: G15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 08:30
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 22:31
Analyst: PEG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:27
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.724	0.324	1	A
Alpha-BHC	ND		ug/kg	0.724	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.659	1	A
Heptachlor	ND		ug/kg	0.869	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.612	1	A
Heptachlor epoxide	1.04	J	ug/kg	3.26	0.978	1	B
Endrin	ND		ug/kg	0.724	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.760	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	1.83		ug/kg	1.09	0.543	1	A
4,4'-DDE	0.507	J	ug/kg	1.74	0.402	1	B
4,4'-DDD	ND		ug/kg	1.74	0.620	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.410	1	A
Endosulfan II	ND		ug/kg	1.74	0.581	1	A
Endosulfan sulfate	ND		ug/kg	0.724	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.12	1	A
cis-Chlordane	2.79	IP	ug/kg	2.17	0.605	1	B
trans-Chlordane	2.27	IP	ug/kg	2.17	0.573	1	B
Chlordane	25.4		ug/kg	14.5	5.76	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-02 Date Collected: 06/25/24 08:30

Client ID: G15_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-02
Client ID: G15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 08:30
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 22:54
Analyst: MMG
Percent Solids: 92%
Methylation Date: 06/30/24 09:08

Extraction Method: EPA 8151A
Extraction Date: 06/29/24 07:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	179	11.3	1	A
2,4,5-T	ND		ug/kg	179	5.56	1	A
2,4,5-TP (Silvex)	ND		ug/kg	179	4.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-05
Client ID: H15_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 09:10
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 22:54
Analyst: PEG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:27
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.612	1	A
Heptachlor epoxide	1.74	J	ug/kg	3.26	0.978	1	B
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.761	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	8.83		ug/kg	1.09	0.544	1	A
4,4'-DDE	49.7		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.620	1	A
4,4'-DDT	19.5		ug/kg	1.74	1.40	1	B
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.581	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.13	1	A
cis-Chlordane	2.51	IP	ug/kg	2.17	0.606	1	B
trans-Chlordane	3.58		ug/kg	2.17	0.574	1	A
Chlordane	27.3	IP	ug/kg	14.5	5.76	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-05 Date Collected: 06/25/24 09:10

Client ID: H15_0-0.2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-05
Client ID: H15_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 09:10
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 23:12
Analyst: MMG
Percent Solids: 88%
Methylation Date: 06/30/24 09:08
Extraction Method: EPA 8151A
Extraction Date: 06/29/24 07:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	189	11.9	1	A
2,4,5-T	ND		ug/kg	189	5.87	1	A
2,4,5-TP (Silvex)	ND		ug/kg	189	5.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	91		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-06
Client ID: H15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 09:15
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 17:12
Analyst: AKM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.330	1	A
Lindane	ND		ug/kg	0.703	0.314	1	A
Alpha-BHC	ND		ug/kg	0.703	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.640	1	A
Heptachlor	ND		ug/kg	0.844	0.378	1	A
Aldrin	ND		ug/kg	1.69	0.594	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.950	1	A
Endrin	ND		ug/kg	0.703	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.738	1	A
Endrin ketone	ND		ug/kg	1.69	0.435	1	A
Dieldrin	ND		ug/kg	1.06	0.528	1	B
4,4'-DDE	2.59		ug/kg	1.69	0.390	1	B
4,4'-DDD	ND		ug/kg	1.69	0.602	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	B
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.703	0.335	1	A
Methoxychlor	ND		ug/kg	3.16	0.985	1	A
Toxaphene	ND		ug/kg	31.6	8.86	1	A
cis-Chlordane	ND	IP	ug/kg	2.11	0.588	1	B
trans-Chlordane	1.27	J	ug/kg	2.11	0.557	1	B
Chlordane	ND		ug/kg	14.1	5.59	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-06 Date Collected: 06/25/24 09:15

Client ID: H15_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-06
Client ID: H15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 09:15
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 23:30
Analyst: MMG
Percent Solids: 92%
Methylation Date: 06/30/24 09:08

Extraction Method: EPA 8151A
Extraction Date: 06/29/24 07:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	178	11.2	1	A
2,4,5-T	ND		ug/kg	178	5.52	1	A
2,4,5-TP (Silvex)	ND		ug/kg	178	4.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	90		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-09
Client ID: H14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 10:00
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 17:24
Analyst: AKM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.766	0.342	1	A
Alpha-BHC	ND		ug/kg	0.766	0.217	1	A
Beta-BHC	ND		ug/kg	1.84	0.697	1	A
Heptachlor	ND		ug/kg	0.919	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.647	1	A
Heptachlor epoxide	53.6		ug/kg	3.44	1.03	1	B
Endrin	ND		ug/kg	0.766	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.804	1	A
Endrin ketone	ND		ug/kg	1.84	0.473	1	A
Dieldrin	66.8		ug/kg	1.15	0.574	1	B
4,4'-DDE	80.9		ug/kg	1.84	0.425	1	B
4,4'-DDD	ND		ug/kg	1.84	0.655	1	A
4,4'-DDT	36.8		ug/kg	1.84	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.434	1	A
Endosulfan II	ND		ug/kg	1.84	0.614	1	A
Endosulfan sulfate	ND		ug/kg	0.766	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.65	1	A
cis-Chlordane	39.3	IP	ug/kg	2.30	0.640	1	B
trans-Chlordane	15.8	IP	ug/kg	2.30	0.606	1	A
Chlordane	ND		ug/kg	15.3	6.09	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-09 Date Collected: 06/25/24 10:00

Client ID: H14_0-0.2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-09
Client ID: H14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 10:00
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 23:49
Analyst: MMG
Percent Solids: 85%
Methylation Date: 06/30/24 09:08
Extraction Method: EPA 8151A
Extraction Date: 06/29/24 07:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	193	12.1	1	A
2,4,5-T	ND		ug/kg	193	5.98	1	A
2,4,5-TP (Silvex)	ND		ug/kg	193	5.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	91		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-10
Client ID: H14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 10:05
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 17:36
Analyst: AKM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.348	1	A
Lindane	ND		ug/kg	0.739	0.330	1	A
Alpha-BHC	ND		ug/kg	0.739	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.673	1	A
Heptachlor	ND		ug/kg	0.887	0.398	1	A
Aldrin	ND		ug/kg	1.77	0.625	1	A
Heptachlor epoxide	1.73	J	ug/kg	3.33	0.998	1	B
Endrin	ND		ug/kg	0.739	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.776	1	A
Endrin ketone	ND		ug/kg	1.77	0.457	1	A
Dieldrin	2.21		ug/kg	1.11	0.554	1	B
4,4'-DDE	4.42	IP	ug/kg	1.77	0.410	1	A
4,4'-DDD	ND		ug/kg	1.77	0.633	1	A
4,4'-DDT	1.43	J	ug/kg	1.77	1.43	1	B
Endosulfan I	ND		ug/kg	1.77	0.419	1	A
Endosulfan II	ND		ug/kg	1.77	0.593	1	A
Endosulfan sulfate	ND		ug/kg	0.739	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.32	1	A
cis-Chlordane	1.44	JIP	ug/kg	2.22	0.618	1	B
trans-Chlordane	0.736	JIP	ug/kg	2.22	0.586	1	A
Chlordane	ND		ug/kg	14.8	5.88	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-10 Date Collected: 06/25/24 10:05

Client ID: H14_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-10
Client ID: H14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 10:05
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/01/24 00:08
Analyst: MMG
Percent Solids: 87%
Methylation Date: 06/30/24 09:08

Extraction Method: EPA 8151A
Extraction Date: 06/29/24 07:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	187	11.8	1	A
2,4,5-T	ND		ug/kg	187	5.79	1	A
2,4,5-TP (Silvex)	ND		ug/kg	187	4.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	90		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-13
Client ID: H13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 10:40
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 17:48
Analyst: AKM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.651	1	A
Heptachlor	ND		ug/kg	0.859	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.605	1	A
Heptachlor epoxide	68.4		ug/kg	3.22	0.966	1	B
Endrin	ND		ug/kg	0.716	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.751	1	A
Endrin ketone	ND		ug/kg	1.72	0.442	1	A
4,4'-DDE	93.1		ug/kg	1.72	0.397	1	B
4,4'-DDD	ND		ug/kg	1.72	0.613	1	A
4,4'-DDT	25.6		ug/kg	1.72	1.38	1	B
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.574	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.02	1	A
cis-Chlordane	30.0	IP	ug/kg	2.15	0.598	1	B
trans-Chlordane	13.1	IP	ug/kg	2.15	0.567	1	A
Chlordane	ND		ug/kg	14.3	5.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-13
Client ID: H13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 10:40
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/01/24 00:26
Analyst: MMG
Percent Solids: 91%
Methylation Date: 06/30/24 09:08
Extraction Method: EPA 8151A
Extraction Date: 06/29/24 07:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	182	11.4	1	A
2,4,5-T	ND		ug/kg	182	5.63	1	A
2,4,5-TP (Silvex)	ND		ug/kg	182	4.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	94		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-13 D
Client ID: H13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 10:40
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 09:14
Analyst: AKM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	461		ug/kg	5.37	2.68	5	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-14
Client ID: H13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 10:45
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 18:00
Analyst: AKM
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.378	1	A
Lindane	ND		ug/kg	0.804	0.359	1	A
Alpha-BHC	ND		ug/kg	0.804	0.228	1	A
Beta-BHC	ND		ug/kg	1.93	0.732	1	A
Heptachlor	ND		ug/kg	0.965	0.433	1	A
Aldrin	ND		ug/kg	1.93	0.680	1	A
Heptachlor epoxide	99.3		ug/kg	3.62	1.08	1	B
Endrin	ND		ug/kg	0.804	0.330	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.844	1	A
Endrin ketone	ND		ug/kg	1.93	0.497	1	A
4,4'-DDE	91.7		ug/kg	1.93	0.446	1	A
4,4'-DDD	ND		ug/kg	1.93	0.688	1	A
4,4'-DDT	24.0		ug/kg	1.93	1.55	1	B
Endosulfan I	ND		ug/kg	1.93	0.456	1	A
Endosulfan II	ND		ug/kg	1.93	0.645	1	A
Endosulfan sulfate	ND		ug/kg	0.804	0.383	1	A
Methoxychlor	ND		ug/kg	3.62	1.12	1	A
Toxaphene	ND		ug/kg	36.2	10.1	1	A
cis-Chlordane	52.6	IP	ug/kg	2.41	0.672	1	B
trans-Chlordane	23.8	IP	ug/kg	2.41	0.637	1	A
Chlordane	ND		ug/kg	16.1	6.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-14
Client ID: H13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 10:45
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/01/24 01:03
Analyst: MMG
Percent Solids: 79%
Methylation Date: 06/30/24 09:08
Extraction Method: EPA 8151A
Extraction Date: 06/29/24 07:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	208	13.1	1	A
2,4,5-T	ND		ug/kg	208	6.43	1	A
2,4,5-TP (Silvex)	ND		ug/kg	208	5.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	99		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-14 D
Client ID: H13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 10:45
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 09:26
Analyst: AKM
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	683		ug/kg	12.1	6.03	10	A

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-17
Client ID: H12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 11:50
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 18:12
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.713	0.319	1	A
Alpha-BHC	ND		ug/kg	0.713	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.649	1	A
Heptachlor	ND		ug/kg	0.856	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.603	1	A
Heptachlor epoxide	ND	IP	ug/kg	3.21	0.963	1	B
Endrin	ND		ug/kg	0.713	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.749	1	A
Endrin ketone	ND		ug/kg	1.71	0.441	1	A
Dieldrin	3.56		ug/kg	1.07	0.535	1	B
4,4'-DDE	15.8		ug/kg	1.71	0.396	1	B
4,4'-DDD	ND		ug/kg	1.71	0.611	1	A
4,4'-DDT	5.03		ug/kg	1.71	1.38	1	B
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.713	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	0.999	1	A
Toxaphene	ND		ug/kg	32.1	8.99	1	A
cis-Chlordane	1.76	JIP	ug/kg	2.14	0.596	1	B
trans-Chlordane	1.97	J	ug/kg	2.14	0.565	1	B
Chlordane	ND		ug/kg	14.3	5.67	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-17 Date Collected: 06/25/24 11:50

Client ID: H12_0-0.2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-17
Client ID: H12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 11:50
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/01/24 01:22
Analyst: MMG
Percent Solids: 90%
Methylation Date: 06/30/24 09:08
Extraction Method: EPA 8151A
Extraction Date: 06/29/24 13:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	181	11.4	1	A
2,4,5-T	ND		ug/kg	181	5.62	1	A
2,4,5-TP (Silvex)	ND		ug/kg	181	4.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	93		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-18
Client ID: H12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 11:55
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 18:24
Analyst: JAG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.700	0.313	1	A
Alpha-BHC	ND		ug/kg	0.700	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.637	1	A
Heptachlor	ND		ug/kg	0.840	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.945	1	A
Endrin	ND		ug/kg	0.700	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.735	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	0.962	J	ug/kg	1.05	0.525	1	B
4,4'-DDE	2.86	IP	ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.600	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.700	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.980	1	A
Toxaphene	ND		ug/kg	31.5	8.82	1	A
cis-Chlordane	ND		ug/kg	2.10	0.585	1	A
trans-Chlordane	ND		ug/kg	2.10	0.555	1	A
Chlordane	ND		ug/kg	14.0	5.57	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-18 Date Collected: 06/25/24 11:55

Client ID: H12_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-18
Client ID: H12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 11:55
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/02/24 12:04
Analyst: MMG
Percent Solids: 92%
Methylation Date: 07/01/24 18:09
Extraction Method: EPA 8151A
Extraction Date: 06/29/24 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	180	11.3	1	A
2,4,5-T	ND		ug/kg	180	5.58	1	A
2,4,5-TP (Silvex)	ND		ug/kg	180	4.79	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	90		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-21
Client ID: H11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 12:20
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 18:36
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:29
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.695	0.311	1	A
Alpha-BHC	ND		ug/kg	0.695	0.197	1	A
Beta-BHC	ND		ug/kg	1.67	0.632	1	A
Heptachlor	ND		ug/kg	0.834	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.587	1	A
Heptachlor epoxide	47.4		ug/kg	3.13	0.938	1	B
Endrin	ND		ug/kg	0.695	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.730	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
4,4'-DDE	32.9		ug/kg	1.67	0.386	1	B
4,4'-DDD	ND		ug/kg	1.67	0.595	1	A
4,4'-DDT	14.2		ug/kg	1.67	1.34	1	B
Endosulfan I	ND		ug/kg	1.67	0.394	1	A
Endosulfan II	ND		ug/kg	1.67	0.557	1	A
Endosulfan sulfate	ND		ug/kg	0.695	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.973	1	A
Toxaphene	ND		ug/kg	31.3	8.76	1	A
cis-Chlordane	32.7	IP	ug/kg	2.08	0.581	1	B
trans-Chlordane	19.2	IP	ug/kg	2.08	0.550	1	A
Chlordane	254		ug/kg	13.9	5.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-21
Client ID: H11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 12:20
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/02/24 12:23
Analyst: MMG
Percent Solids: 91%
Methylation Date: 07/01/24 18:09
Extraction Method: EPA 8151A
Extraction Date: 06/29/24 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	178	11.2	1	A
2,4,5-T	ND		ug/kg	178	5.53	1	A
2,4,5-TP (Silvex)	ND		ug/kg	178	4.75	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	86		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-21 D
Client ID: H11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 12:20
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 09:38
Analyst: AKM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:29
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	268		ug/kg	5.21	2.61	5	A

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-22
Client ID: H11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 12:25
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 18:48
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:29
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.330	1	A
Lindane	ND		ug/kg	0.702	0.314	1	A
Alpha-BHC	ND		ug/kg	0.702	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.639	1	A
Heptachlor	ND		ug/kg	0.842	0.378	1	A
Aldrin	ND		ug/kg	1.68	0.593	1	A
Heptachlor epoxide	6.55		ug/kg	3.16	0.948	1	B
Endrin	ND		ug/kg	0.702	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.737	1	A
Endrin ketone	ND		ug/kg	1.68	0.434	1	A
Dieldrin	34.3		ug/kg	1.05	0.527	1	B
4,4'-DDE	6.44		ug/kg	1.68	0.390	1	B
4,4'-DDD	ND		ug/kg	1.68	0.601	1	A
4,4'-DDT	1.70		ug/kg	1.68	1.36	1	B
Endosulfan I	ND		ug/kg	1.68	0.398	1	A
Endosulfan II	ND		ug/kg	1.68	0.563	1	A
Endosulfan sulfate	ND		ug/kg	0.702	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.983	1	A
Toxaphene	ND		ug/kg	31.6	8.85	1	A
cis-Chlordane	3.05	IP	ug/kg	2.11	0.587	1	B
trans-Chlordane	1.93	JIP	ug/kg	2.11	0.556	1	A
Chlordane	ND		ug/kg	14.0	5.58	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-22 Date Collected: 06/25/24 12:25

Client ID: H11_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-22
Client ID: H11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 12:25
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/02/24 13:00
Analyst: MMG
Percent Solids: 90%
Methylation Date: 07/01/24 18:09
Extraction Method: EPA 8151A
Extraction Date: 06/29/24 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	185	11.6	1	A
2,4,5-T	ND		ug/kg	185	5.74	1	A
2,4,5-TP (Silvex)	ND		ug/kg	185	4.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	91		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-25
Client ID: H10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 12:50
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 19:00
Analyst: JAG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:29
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.377	1	A
Lindane	ND		ug/kg	0.803	0.359	1	A
Alpha-BHC	ND		ug/kg	0.803	0.228	1	A
Beta-BHC	ND		ug/kg	1.93	0.730	1	A
Heptachlor	ND		ug/kg	0.963	0.432	1	A
Aldrin	ND		ug/kg	1.93	0.678	1	A
Heptachlor epoxide	2.45	J	ug/kg	3.61	1.08	1	A
Endrin	ND		ug/kg	0.803	0.329	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.843	1	A
Endrin ketone	ND		ug/kg	1.93	0.496	1	A
Dieldrin	1.09	J	ug/kg	1.20	0.602	1	A
4,4'-DDE	75.8		ug/kg	1.93	0.446	1	B
4,4'-DDD	ND		ug/kg	1.93	0.687	1	A
4,4'-DDT	13.5		ug/kg	1.93	1.55	1	B
Endosulfan I	ND		ug/kg	1.93	0.455	1	A
Endosulfan II	ND		ug/kg	1.93	0.644	1	A
Endosulfan sulfate	ND		ug/kg	0.803	0.382	1	A
Methoxychlor	ND		ug/kg	3.61	1.12	1	A
Toxaphene	ND		ug/kg	36.1	10.1	1	A
cis-Chlordane	3.58	IP	ug/kg	2.41	0.671	1	B
trans-Chlordane	1.28	JIP	ug/kg	2.41	0.636	1	A
Chlordane	ND		ug/kg	16.0	6.38	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-25 Date Collected: 06/25/24 12:50

Client ID: H10_0-0.2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-25
Client ID: H10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 12:50
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/02/24 13:19
Analyst: MMG
Percent Solids: 81%
Methylation Date: 07/01/24 18:09

Extraction Method: EPA 8151A
Extraction Date: 06/29/24 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	204	12.8	1	A
2,4,5-T	ND		ug/kg	204	6.32	1	A
2,4,5-TP (Silvex)	ND		ug/kg	204	5.42	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	87		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-26
Client ID: H10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 12:55
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 19:12
Analyst: JAG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:29
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.363	1	A
Lindane	ND		ug/kg	0.772	0.345	1	A
Alpha-BHC	ND		ug/kg	0.772	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.702	1	A
Heptachlor	ND		ug/kg	0.926	0.415	1	A
Aldrin	ND		ug/kg	1.85	0.652	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.772	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.811	1	A
Endrin ketone	ND		ug/kg	1.85	0.477	1	A
Dieldrin	ND		ug/kg	1.16	0.579	1	A
4,4'-DDE	16.7		ug/kg	1.85	0.428	1	B
4,4'-DDD	ND		ug/kg	1.85	0.661	1	A
4,4'-DDT	3.16		ug/kg	1.85	1.49	1	B
Endosulfan I	ND		ug/kg	1.85	0.438	1	A
Endosulfan II	ND		ug/kg	1.85	0.619	1	A
Endosulfan sulfate	ND		ug/kg	0.772	0.368	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.73	1	A
cis-Chlordane	0.718	JIP	ug/kg	2.32	0.645	1	B
trans-Chlordane	1.10	J	ug/kg	2.32	0.611	1	A
Chlordane	ND		ug/kg	15.4	6.14	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-26 Date Collected: 06/25/24 12:55

Client ID: H10_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-26
Client ID: H10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 12:55
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/02/24 13:37
Analyst: MMG
Percent Solids: 83%
Methylation Date: 07/01/24 18:09

Extraction Method: EPA 8151A
Extraction Date: 06/29/24 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	199	12.5	1	A
2,4,5-T	ND		ug/kg	199	6.17	1	A
2,4,5-TP (Silvex)	ND		ug/kg	199	5.29	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-29
Client ID: H9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 13:15
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 18:28
Analyst: EMR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:29
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.740	0.331	1	A
Alpha-BHC	ND		ug/kg	0.740	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.673	1	A
Heptachlor	ND		ug/kg	0.888	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.625	1	A
Heptachlor epoxide	ND	IP	ug/kg	3.33	0.998	1	A
Endrin	ND		ug/kg	0.740	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.776	1	A
Endrin ketone	ND		ug/kg	1.78	0.457	1	A
Dieldrin	ND		ug/kg	1.11	0.555	1	A
4,4'-DDE	17.6		ug/kg	1.78	0.410	1	B
4,4'-DDD	0.749	J	ug/kg	1.78	0.633	1	A
4,4'-DDT	5.17		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.419	1	A
Endosulfan II	ND		ug/kg	1.78	0.593	1	A
Endosulfan sulfate	ND		ug/kg	0.740	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.32	1	A
cis-Chlordane	ND		ug/kg	2.22	0.618	1	A
trans-Chlordane	ND		ug/kg	2.22	0.586	1	A
Chlordane	ND		ug/kg	14.8	5.88	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-29 Date Collected: 06/25/24 13:15

Client ID: H9_0-0.2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-29
Client ID: H9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 13:15
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/02/24 13:56
Analyst: MMG
Percent Solids: 87%
Methylation Date: 07/01/24 18:09
Extraction Method: EPA 8151A
Extraction Date: 06/29/24 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	190	12.0	1	A
2,4,5-T	ND		ug/kg	190	5.88	1	A
2,4,5-TP (Silvex)	ND		ug/kg	190	5.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-30
Client ID: H9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 13:20
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 18:40
Analyst: EMR
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:29
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.373	1	A
Lindane	ND		ug/kg	0.794	0.355	1	A
Alpha-BHC	ND		ug/kg	0.794	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.723	1	A
Heptachlor	ND		ug/kg	0.953	0.427	1	A
Aldrin	ND		ug/kg	1.91	0.671	1	A
Heptachlor epoxide	1.83	J	ug/kg	3.57	1.07	1	A
Endrin	ND		ug/kg	0.794	0.326	1	A
Endrin aldehyde	ND		ug/kg	2.38	0.834	1	A
Endrin ketone	ND		ug/kg	1.91	0.491	1	A
Dieldrin	1.45		ug/kg	1.19	0.596	1	A
4,4'-DDE	41.3		ug/kg	1.91	0.441	1	B
4,4'-DDD	2.46		ug/kg	1.91	0.680	1	A
4,4'-DDT	6.40		ug/kg	1.91	1.53	1	A
Endosulfan I	ND		ug/kg	1.91	0.450	1	A
Endosulfan II	ND		ug/kg	1.91	0.637	1	A
Endosulfan sulfate	ND		ug/kg	0.794	0.378	1	A
Methoxychlor	ND		ug/kg	3.57	1.11	1	A
Toxaphene	ND		ug/kg	35.7	10.0	1	A
cis-Chlordane	ND		ug/kg	2.38	0.664	1	A
trans-Chlordane	ND		ug/kg	2.38	0.629	1	A
Chlordane	ND		ug/kg	15.9	6.31	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-30 Date Collected: 06/25/24 13:20

Client ID: H9_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-30
Client ID: H9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 13:20
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/02/24 14:14
Analyst: MMG
Percent Solids: 81%
Methylation Date: 07/01/24 18:09
Extraction Method: EPA 8151A
Extraction Date: 06/29/24 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	205	12.9	1	A
2,4,5-T	ND		ug/kg	205	6.36	1	A
2,4,5-TP (Silvex)	ND		ug/kg	205	5.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-33
Client ID: FB_06252024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 11:35
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 07/01/24 13:14
Analyst: EMR
Extraction Method: EPA 3510C
Extraction Date: 06/29/24 21:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-33 Date Collected: 06/25/24 11:35

Client ID: FB_06252024 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-33
Client ID: FB_06252024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 11:35
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 06/27/24 11:18
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 06/26/24 12:19

Methylation Date: 06/27/24 07:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	119		30-150	A
DCAA	117		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-34
Client ID: DUP_06252024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 12:00
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 18:51
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:29
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.367	1	A
Lindane	ND		ug/kg	0.782	0.349	1	A
Alpha-BHC	ND		ug/kg	0.782	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.711	1	A
Heptachlor	ND		ug/kg	0.938	0.420	1	A
Aldrin	ND		ug/kg	1.88	0.660	1	A
Heptachlor epoxide	5.30	IP	ug/kg	3.52	1.06	1	A
Endrin	ND		ug/kg	0.782	0.320	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.821	1	A
Endrin ketone	ND		ug/kg	1.88	0.483	1	A
Dieldrin	13.6		ug/kg	1.17	0.586	1	B
4,4'-DDE	10.9		ug/kg	1.88	0.434	1	B
4,4'-DDD	ND	IP	ug/kg	1.88	0.669	1	B
4,4'-DDT	4.26		ug/kg	1.88	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.443	1	A
Endosulfan II	ND		ug/kg	1.88	0.627	1	A
Endosulfan sulfate	ND		ug/kg	0.782	0.372	1	A
Methoxychlor	ND		ug/kg	3.52	1.09	1	A
Toxaphene	ND		ug/kg	35.2	9.85	1	A
cis-Chlordane	11.6	IP	ug/kg	2.34	0.654	1	B
trans-Chlordane	9.09		ug/kg	2.34	0.619	1	B
Chlordane	ND		ug/kg	15.6	6.21	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-34 Date Collected: 06/25/24 12:00

Client ID: DUP_06252024 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-34
Client ID: DUP_06252024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 12:00
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/02/24 15:15
Analyst: EJL
Percent Solids: 84%
Methylation Date: 07/01/24 16:06

Extraction Method: EPA 8151A
Extraction Date: 06/30/24 10:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	198	12.4	1	A
2,4,5-T	ND		ug/kg	198	6.12	1	A
2,4,5-TP (Silvex)	ND		ug/kg	198	5.26	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	32		30-150	A
DCAA	31		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/26/24 23:12
Analyst: EMR

Extraction Method: EPA 8151A
Extraction Date: 06/25/24 14:00

Methylation Date: 06/26/24 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 33 Batch: WG1939154-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/30/24 20:08
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/29/24 07:40

Methylation Date: 06/30/24 09:08

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17 Batch: WG1941151-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.08	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	77		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/01/24 07:15
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/29/24 15:03

Methylation Date: 06/30/24 23:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 18,21-22,25-26,29-30 Batch: WG1941272-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.07	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	70		30-150	A
DCAA	70		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/01/24 18:09
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05 Batch: WG1941273-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.640	0.286	A
Alpha-BHC	ND		ug/kg	0.640	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.582	A
Heptachlor	ND		ug/kg	0.768	0.344	A
Aldrin	ND		ug/kg	1.54	0.541	A
Heptachlor epoxide	ND		ug/kg	2.88	0.864	A
Endrin	ND		ug/kg	0.640	0.262	A
Endrin aldehyde	ND		ug/kg	1.92	0.672	A
Endrin ketone	ND		ug/kg	1.54	0.395	A
Dieldrin	ND		ug/kg	0.960	0.480	A
4,4'-DDE	ND		ug/kg	1.54	0.355	A
4,4'-DDD	ND		ug/kg	1.54	0.548	A
4,4'-DDT	ND		ug/kg	1.54	1.23	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.513	A
Endosulfan sulfate	ND		ug/kg	0.640	0.304	A
Methoxychlor	ND		ug/kg	2.88	0.896	A
Toxaphene	ND		ug/kg	28.8	8.06	A
cis-Chlordane	ND		ug/kg	1.92	0.535	A
trans-Chlordane	ND		ug/kg	1.92	0.507	A
Chlordane	ND		ug/kg	12.8	5.09	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/01/24 18:09
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05 Batch: WG1941273-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/01/24 15:01
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06,09-10,13-14,17-18,21-22,25-26,29-30,34 Batch: WG1941276-1						
Delta-BHC	ND		ug/kg	1.58	0.310	A
Lindane	ND		ug/kg	0.660	0.295	A
Alpha-BHC	ND		ug/kg	0.660	0.187	A
Beta-BHC	ND		ug/kg	1.58	0.601	A
Heptachlor	ND		ug/kg	0.792	0.355	A
Aldrin	ND		ug/kg	1.58	0.558	A
Heptachlor epoxide	ND		ug/kg	2.97	0.891	A
Endrin	ND		ug/kg	0.660	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.693	A
Endrin ketone	ND		ug/kg	1.58	0.408	A
Dieldrin	ND		ug/kg	0.990	0.495	A
4,4'-DDE	ND		ug/kg	1.58	0.366	A
4,4'-DDD	ND		ug/kg	1.58	0.565	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.374	A
Endosulfan II	ND		ug/kg	1.58	0.529	A
Endosulfan sulfate	ND		ug/kg	0.660	0.314	A
Methoxychlor	ND		ug/kg	2.97	0.924	A
Toxaphene	ND		ug/kg	29.7	8.32	A
cis-Chlordane	ND		ug/kg	1.98	0.552	A
trans-Chlordane	ND		ug/kg	1.98	0.523	A
Chlordane	ND		ug/kg	13.2	5.25	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/01/24 15:01
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/29/24 16:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06,09-10,13-14,17-18,21-22,25-26,29-30,34 Batch: WG1941276-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/01/24 10:18
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 06/29/24 21:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 33 Batch: WG1941322-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/01/24 10:18
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 06/29/24 21:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 33 Batch: WG1941322-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/01/24 09:17
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/30/24 09:58

Methylation Date: 07/01/24 08:07

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 34 Batch: WG1941404-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.07	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 33 Batch: WG1939154-2 WG1939154-3									
2,4-D	86		85		30-150	1		25	A
2,4,5-T	87		87		30-150	0		25	A
2,4,5-TP (Silvex)	87		85		30-150	2		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	82		82		30-150	A
DCAA	90		89		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17 Batch: WG1941151-2 WG1941151-3									
2,4-D	87		89		30-150	2		30	A
2,4,5-T	90		93		30-150	3		30	A
2,4,5-TP (Silvex)	85		86		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	90		90		30-150	A
DCAA	95		94		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 18,21-22,25-26,29-30 Batch: WG1941272-2 WG1941272-3									
2,4-D	69		71		30-150	3		30	A
2,4,5-T	71		73		30-150	3		30	A
2,4,5-TP (Silvex)	66		69		30-150	4		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	64		67		30-150	A
DCAA	71		73		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05 Batch: WG1941273-2 WG1941273-3									
Delta-BHC	89		101		30-150	13		30	A
Lindane	88		99		30-150	12		30	A
Alpha-BHC	91		102		30-150	11		30	A
Beta-BHC	100		112		30-150	11		30	A
Heptachlor	91		101		30-150	10		30	A
Aldrin	89		100		30-150	12		30	A
Heptachlor epoxide	82		92		30-150	11		30	A
Endrin	93		107		30-150	14		30	A
Endrin aldehyde	94		106		30-150	12		30	A
Endrin ketone	96		109		30-150	13		30	A
Dieldrin	99		113		30-150	13		30	A
4,4'-DDE	92		104		30-150	12		30	A
4,4'-DDD	100		115		30-150	14		30	A
4,4'-DDT	99		114		30-150	14		30	A
Endosulfan I	90		101		30-150	12		30	A
Endosulfan II	94		108		30-150	14		30	A
Endosulfan sulfate	87		98		30-150	12		30	A
Methoxychlor	92		105		30-150	13		30	A
cis-Chlordane	86		96		30-150	11		30	A
trans-Chlordane	104		118		30-150	13		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05 Batch: WG1941273-2 WG1941273-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		86		30-150	A
Decachlorobiphenyl	86		91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		93		30-150	B
Decachlorobiphenyl	102		116		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06,09-10,13-14,17-18,21-22,25-26,29-30,34 Batch: WG1941276-2 WG1941276-3									
Delta-BHC	73		65		30-150	12		30	A
Lindane	74		66		30-150	11		30	A
Alpha-BHC	73		63		30-150	15		30	A
Beta-BHC	76		68		30-150	11		30	A
Heptachlor	75		66		30-150	13		30	A
Aldrin	72		64		30-150	12		30	A
Heptachlor epoxide	67		60		30-150	11		30	A
Endrin	80		72		30-150	11		30	A
Endrin aldehyde	69		61		30-150	12		30	A
Endrin ketone	80		72		30-150	11		30	A
Dieldrin	77		69		30-150	11		30	A
4,4'-DDE	72		65		30-150	10		30	A
4,4'-DDD	79		72		30-150	9		30	A
4,4'-DDT	79		71		30-150	11		30	A
Endosulfan I	71		64		30-150	10		30	A
Endosulfan II	75		68		30-150	10		30	A
Endosulfan sulfate	73		66		30-150	10		30	A
Methoxychlor	96		87		30-150	10		30	A
cis-Chlordane	64		58		30-150	10		30	A
trans-Chlordane	64		58		30-150	10		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06,09-10,13-14,17-18,21-22,25-26,29-30,34 Batch: WG1941276-2 WG1941276-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		51		30-150	A
Decachlorobiphenyl	47		50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		68		30-150	B
Decachlorobiphenyl	69		65		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 33 Batch: WG1941322-2 WG1941322-3									
Delta-BHC	73		70		30-150	4		20	A
Lindane	75		72		30-150	3		20	A
Alpha-BHC	79		76		30-150	4		20	A
Beta-BHC	75		72		30-150	4		20	A
Heptachlor	72		69		30-150	4		20	A
Aldrin	77		73		30-150	6		20	A
Heptachlor epoxide	80		76		30-150	5		20	A
Endrin	79		77		30-150	3		20	A
Endrin aldehyde	52		52		30-150	1		20	A
Endrin ketone	76		76		30-150	0		20	A
Dieldrin	89		86		30-150	3		20	A
4,4'-DDE	81		78		30-150	4		20	A
4,4'-DDD	91		87		30-150	4		20	A
4,4'-DDT	67		68		30-150	1		20	A
Endosulfan I	78		76		30-150	4		20	A
Endosulfan II	83		81		30-150	3		20	A
Endosulfan sulfate	84		82		30-150	2		20	A
Methoxychlor	76		76		30-150	0		20	A
cis-Chlordane	76		73		30-150	4		20	A
trans-Chlordane	90		86		30-150	5		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 33 Batch: WG1941322-2 WG1941322-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		62		30-150	A
Decachlorobiphenyl	68		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		62		30-150	B
Decachlorobiphenyl	78		72		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 34 Batch: WG1941404-2 WG1941404-3									
2,4-D	75		73		30-150	3		30	A
2,4,5-T	79		78		30-150	1		30	A
2,4,5-TP (Silvex)	74		72		30-150	3		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	89		83		30-150	A
DCAA	99		93		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-01 Date Collected: 06/25/24 08:25

Client ID: G15_0-0.2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10300		mg/kg	9.40	2.54	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Antimony, Total	0.390	J	mg/kg	4.70	0.357	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Arsenic, Total	9.08		mg/kg	0.940	0.196	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Barium, Total	62.2		mg/kg	0.940	0.164	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.373	J	mg/kg	0.470	0.031	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.349	J	mg/kg	0.940	0.092	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Calcium, Total	2490		mg/kg	9.40	3.29	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Chromium, Total	24.2		mg/kg	0.940	0.090	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Cobalt, Total	5.51		mg/kg	1.88	0.156	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Copper, Total	16.3		mg/kg	0.940	0.242	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Iron, Total	13900		mg/kg	4.70	0.849	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Lead, Total	28.5		mg/kg	4.70	0.252	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Magnesium, Total	3400		mg/kg	9.40	1.45	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Manganese, Total	364		mg/kg	0.940	0.149	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Mercury, Total	1.27		mg/kg	0.078	0.051	1	06/29/24 14:00	07/01/24 14:11	EPA 7471B	1,7471B	MJR
Nickel, Total	12.4		mg/kg	2.35	0.228	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Potassium, Total	749		mg/kg	235	13.5	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.88	0.242	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.470	0.266	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Sodium, Total	34.1	J	mg/kg	188	2.96	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.88	0.296	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Vanadium, Total	22.7		mg/kg	0.940	0.191	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC
Zinc, Total	55.4		mg/kg	4.70	0.275	2	06/29/24 11:40	07/01/24 16:59	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-02
Client ID: G15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 08:30
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9070		mg/kg	8.32	2.24	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.16	0.316	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Arsenic, Total	1.66		mg/kg	0.832	0.173	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Barium, Total	42.7		mg/kg	0.832	0.145	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.263	J	mg/kg	0.416	0.027	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.832	0.082	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Calcium, Total	733		mg/kg	8.32	2.91	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Chromium, Total	13.8		mg/kg	0.832	0.080	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.68		mg/kg	1.66	0.138	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Copper, Total	8.72		mg/kg	0.832	0.215	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Iron, Total	11700		mg/kg	4.16	0.751	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Lead, Total	4.99		mg/kg	4.16	0.223	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Magnesium, Total	2330		mg/kg	8.32	1.28	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Manganese, Total	224		mg/kg	0.832	0.132	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Mercury, Total	0.196		mg/kg	0.070	0.046	1	06/29/24 14:00	07/01/24 14:14	EPA 7471B	1,7471B	MJR
Nickel, Total	9.08		mg/kg	2.08	0.201	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Potassium, Total	634		mg/kg	208	12.0	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.66	0.215	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.416	0.235	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Sodium, Total	27.0	J	mg/kg	166	2.62	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.66	0.262	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Vanadium, Total	18.3		mg/kg	0.832	0.169	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC
Zinc, Total	27.9		mg/kg	4.16	0.244	2	06/29/24 11:40	07/01/24 17:03	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-05 Date Collected: 06/25/24 09:10

Client ID: H15_0-0.2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10400		mg/kg	8.58	2.32	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Antimony, Total	0.474	J	mg/kg	4.29	0.326	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Arsenic, Total	17.5		mg/kg	0.858	0.178	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Barium, Total	76.7		mg/kg	0.858	0.149	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.317	J	mg/kg	0.429	0.028	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.205	J	mg/kg	0.858	0.084	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Calcium, Total	1550		mg/kg	8.58	3.00	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Chromium, Total	27.9		mg/kg	0.858	0.082	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.40		mg/kg	1.72	0.142	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Copper, Total	15.6		mg/kg	0.858	0.221	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Iron, Total	13600		mg/kg	4.29	0.775	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Lead, Total	64.6		mg/kg	4.29	0.230	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Magnesium, Total	3660		mg/kg	8.58	1.32	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Manganese, Total	336		mg/kg	0.858	0.136	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Mercury, Total	1.06		mg/kg	0.073	0.047	1	06/29/24 14:00	07/01/24 14:24	EPA 7471B	1,7471B	MJR
Nickel, Total	13.7		mg/kg	2.14	0.208	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Potassium, Total	1230		mg/kg	214	12.4	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.72	0.221	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.429	0.243	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Sodium, Total	36.2	J	mg/kg	172	2.70	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Thallium, Total	0.296	J	mg/kg	1.72	0.270	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Vanadium, Total	25.2		mg/kg	0.858	0.174	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC
Zinc, Total	62.8		mg/kg	4.29	0.251	2	06/29/24 11:40	07/01/24 17:07	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-06 Date Collected: 06/25/24 09:15

Client ID: H15_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11400		mg/kg	8.41	2.27	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.20	0.320	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.05		mg/kg	0.841	0.175	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Barium, Total	71.1		mg/kg	0.841	0.146	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.377	J	mg/kg	0.420	0.028	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.841	0.082	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Calcium, Total	804		mg/kg	8.41	2.94	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Chromium, Total	24.3		mg/kg	0.841	0.081	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.53		mg/kg	1.68	0.140	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Copper, Total	13.7		mg/kg	0.841	0.217	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Iron, Total	14500		mg/kg	4.20	0.759	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Lead, Total	7.49		mg/kg	4.20	0.225	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Magnesium, Total	5700		mg/kg	8.41	1.30	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Manganese, Total	259		mg/kg	0.841	0.134	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Mercury, Total	0.086		mg/kg	0.069	0.045	1	06/29/24 14:00	07/01/24 14:28	EPA 7471B	1,7471B	MJR
Nickel, Total	15.1		mg/kg	2.10	0.204	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Potassium, Total	1570		mg/kg	210	12.1	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.68	0.217	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.420	0.238	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Sodium, Total	50.4	J	mg/kg	168	2.65	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Thallium, Total	0.663	J	mg/kg	1.68	0.265	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Vanadium, Total	29.5		mg/kg	0.841	0.171	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC
Zinc, Total	35.6		mg/kg	4.20	0.246	2	06/29/24 11:40	07/01/24 17:11	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-09 Date Collected: 06/25/24 10:00

Client ID: H14_0-0.2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17100		mg/kg	9.15	2.47	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Antimony, Total	1.41	J	mg/kg	4.58	0.348	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Arsenic, Total	139		mg/kg	0.915	0.190	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Barium, Total	79.7		mg/kg	0.915	0.159	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.685		mg/kg	0.458	0.030	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Cadmium, Total	2.14		mg/kg	0.915	0.090	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Calcium, Total	925		mg/kg	9.15	3.20	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Chromium, Total	53.2		mg/kg	0.915	0.088	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.21		mg/kg	1.83	0.152	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Copper, Total	16.2		mg/kg	0.915	0.236	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Iron, Total	16500		mg/kg	4.58	0.826	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Lead, Total	86.8		mg/kg	4.58	0.245	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Magnesium, Total	3280		mg/kg	9.15	1.41	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Manganese, Total	652		mg/kg	0.915	0.146	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Mercury, Total	0.731		mg/kg	0.076	0.049	1	06/29/24 14:00	07/01/24 14:31	EPA 7471B	1,7471B	MJR
Nickel, Total	14.9		mg/kg	2.29	0.221	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Potassium, Total	493		mg/kg	229	13.2	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Selenium, Total	0.349	J	mg/kg	1.83	0.236	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Silver, Total	0.265	J	mg/kg	0.458	0.259	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Sodium, Total	31.6	J	mg/kg	183	2.88	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.83	0.288	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Vanadium, Total	29.4		mg/kg	0.915	0.186	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC
Zinc, Total	294		mg/kg	4.58	0.268	2	06/29/24 11:40	07/01/24 17:26	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-10 Date Collected: 06/25/24 10:05

Client ID: H14_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13600		mg/kg	8.79	2.37	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Antimony, Total	0.452	J	mg/kg	4.40	0.334	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Arsenic, Total	6.66		mg/kg	0.879	0.183	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Barium, Total	61.4		mg/kg	0.879	0.153	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.340	J	mg/kg	0.440	0.029	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.126	J	mg/kg	0.879	0.086	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Calcium, Total	548		mg/kg	8.79	3.08	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Chromium, Total	25.2		mg/kg	0.879	0.084	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.35		mg/kg	1.76	0.146	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Copper, Total	14.4		mg/kg	0.879	0.227	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Iron, Total	16400		mg/kg	4.40	0.794	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Lead, Total	8.17		mg/kg	4.40	0.236	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Magnesium, Total	3620		mg/kg	8.79	1.35	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Manganese, Total	272		mg/kg	0.879	0.140	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Mercury, Total	0.114		mg/kg	0.073	0.047	1	06/29/24 14:00	07/01/24 14:34	EPA 7471B	1,7471B	MJR
Nickel, Total	15.3		mg/kg	2.20	0.213	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Potassium, Total	642		mg/kg	220	12.7	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.76	0.227	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.440	0.249	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Sodium, Total	32.8	J	mg/kg	176	2.77	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Thallium, Total	0.350	J	mg/kg	1.76	0.277	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Vanadium, Total	28.7		mg/kg	0.879	0.178	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC
Zinc, Total	73.0		mg/kg	4.40	0.258	2	06/29/24 11:40	07/01/24 17:30	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-13 Date Collected: 06/25/24 10:40

Client ID: H13_0-0.2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10200		mg/kg	8.36	2.26	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Antimony, Total	0.940	J	mg/kg	4.18	0.318	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Arsenic, Total	161		mg/kg	0.836	0.174	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Barium, Total	51.0		mg/kg	0.836	0.145	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.413	J	mg/kg	0.418	0.028	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Cadmium, Total	1.50		mg/kg	0.836	0.082	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Calcium, Total	904		mg/kg	8.36	2.92	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Chromium, Total	126		mg/kg	0.836	0.080	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.81		mg/kg	1.67	0.139	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Copper, Total	15.4		mg/kg	0.836	0.216	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Iron, Total	13700		mg/kg	4.18	0.755	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Lead, Total	181		mg/kg	4.18	0.224	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Magnesium, Total	2260		mg/kg	8.36	1.29	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Manganese, Total	394		mg/kg	0.836	0.133	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Mercury, Total	1.28		mg/kg	0.071	0.046	1	06/29/24 14:00	07/01/24 14:38	EPA 7471B	1,7471B	MJR
Nickel, Total	10.3		mg/kg	2.09	0.202	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Potassium, Total	366		mg/kg	209	12.0	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Selenium, Total	0.284	J	mg/kg	1.67	0.216	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Silver, Total	0.637		mg/kg	0.418	0.236	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Sodium, Total	25.3	J	mg/kg	167	2.63	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.67	0.263	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Vanadium, Total	23.0		mg/kg	0.836	0.170	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC
Zinc, Total	82.0		mg/kg	4.18	0.245	2	06/29/24 11:40	07/01/24 17:34	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-14
Client ID: H13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 10:45
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9020		mg/kg	9.65	2.60	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Antimony, Total	1.06	J	mg/kg	4.82	0.367	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Arsenic, Total	132		mg/kg	0.965	0.201	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Barium, Total	43.0		mg/kg	0.965	0.168	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.342	J	mg/kg	0.482	0.032	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Cadmium, Total	1.27		mg/kg	0.965	0.095	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Calcium, Total	699		mg/kg	9.65	3.38	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Chromium, Total	106		mg/kg	0.965	0.093	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.10		mg/kg	1.93	0.160	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Copper, Total	12.5		mg/kg	0.965	0.249	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Iron, Total	11800		mg/kg	4.82	0.871	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Lead, Total	131		mg/kg	4.82	0.259	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Magnesium, Total	1950		mg/kg	9.65	1.49	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Manganese, Total	321		mg/kg	0.965	0.153	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Mercury, Total	1.01		mg/kg	0.082	0.053	1	06/29/24 14:00	07/01/24 14:41	EPA 7471B	1,7471B	MJR
Nickel, Total	8.90		mg/kg	2.41	0.234	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Potassium, Total	351		mg/kg	241	13.9	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Selenium, Total	0.267	J	mg/kg	1.93	0.249	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Silver, Total	0.513		mg/kg	0.482	0.273	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Sodium, Total	25.2	J	mg/kg	193	3.04	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.93	0.304	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Vanadium, Total	20.3		mg/kg	0.965	0.196	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC
Zinc, Total	66.9		mg/kg	4.82	0.283	2	06/29/24 11:40	07/01/24 17:38	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-17 Date Collected: 06/25/24 11:50

Client ID: H12_0-0.2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11100		mg/kg	8.78	2.37	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Antimony, Total	0.496	J	mg/kg	4.39	0.333	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Arsenic, Total	21.0		mg/kg	0.878	0.182	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Barium, Total	40.0		mg/kg	0.878	0.153	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.459		mg/kg	0.439	0.029	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.179	J	mg/kg	0.878	0.086	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Calcium, Total	257		mg/kg	8.78	3.07	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Chromium, Total	29.0		mg/kg	0.878	0.084	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.09		mg/kg	1.76	0.146	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Copper, Total	9.11		mg/kg	0.878	0.226	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Iron, Total	12700		mg/kg	4.39	0.792	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Lead, Total	62.4		mg/kg	4.39	0.235	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Magnesium, Total	2060		mg/kg	8.78	1.35	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Manganese, Total	355		mg/kg	0.878	0.140	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Mercury, Total	0.511		mg/kg	0.090	0.058	1	06/28/24 16:57	07/02/24 10:45	EPA 7471B	1,7471B	MJR
Nickel, Total	6.84		mg/kg	2.19	0.212	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Potassium, Total	338		mg/kg	219	12.6	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.76	0.226	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.439	0.248	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Sodium, Total	22.2	J	mg/kg	176	2.76	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.76	0.276	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Vanadium, Total	20.4		mg/kg	0.878	0.178	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC
Zinc, Total	43.6		mg/kg	4.39	0.257	2	06/28/24 14:30	07/01/24 18:43	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-18 Date Collected: 06/25/24 11:55

Client ID: H12_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10100		mg/kg	8.58	2.32	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Antimony, Total	0.563	J	mg/kg	4.29	0.326	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Arsenic, Total	8.41		mg/kg	0.858	0.178	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Barium, Total	42.8		mg/kg	0.858	0.149	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.365	J	mg/kg	0.429	0.028	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.124	J	mg/kg	0.858	0.084	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Calcium, Total	272		mg/kg	8.58	3.00	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Chromium, Total	18.4		mg/kg	0.858	0.082	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Cobalt, Total	5.05		mg/kg	1.72	0.142	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Copper, Total	7.27		mg/kg	0.858	0.222	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Iron, Total	13800		mg/kg	4.29	0.775	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Lead, Total	21.2		mg/kg	4.29	0.230	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Magnesium, Total	2580		mg/kg	8.58	1.32	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Manganese, Total	226		mg/kg	0.858	0.136	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Mercury, Total	0.208		mg/kg	0.076	0.050	1	06/28/24 16:57	07/02/24 10:48	EPA 7471B	1,7471B	MJR
Nickel, Total	10.3		mg/kg	2.15	0.208	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Potassium, Total	678		mg/kg	215	12.4	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.72	0.222	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.429	0.243	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Sodium, Total	20.4	J	mg/kg	172	2.70	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.72	0.270	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Vanadium, Total	19.8		mg/kg	0.858	0.174	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC
Zinc, Total	43.6		mg/kg	4.29	0.252	2	06/28/24 14:30	07/01/24 17:42	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-21 Date Collected: 06/25/24 12:20

Client ID: H11_0-0.2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13300		mg/kg	8.59	2.32	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Antimony, Total	0.924	J	mg/kg	4.29	0.326	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Arsenic, Total	68.2		mg/kg	0.859	0.179	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Barium, Total	50.1		mg/kg	0.859	0.149	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.390	J	mg/kg	0.429	0.028	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.642	J	mg/kg	0.859	0.084	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Calcium, Total	736		mg/kg	8.59	3.00	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Chromium, Total	47.1		mg/kg	0.859	0.082	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.37		mg/kg	1.72	0.142	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Copper, Total	15.9		mg/kg	0.859	0.222	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Iron, Total	15900		mg/kg	4.29	0.775	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Lead, Total	61.2		mg/kg	4.29	0.230	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Magnesium, Total	3410		mg/kg	8.59	1.32	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Manganese, Total	278		mg/kg	0.859	0.136	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Mercury, Total	1.48		mg/kg	0.087	0.056	1	06/28/24 16:57	07/02/24 10:51	EPA 7471B	1,7471B	MJR
Nickel, Total	13.8		mg/kg	2.15	0.208	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Potassium, Total	889		mg/kg	215	12.4	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Selenium, Total	0.328	J	mg/kg	1.72	0.222	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.429	0.243	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Sodium, Total	38.5	J	mg/kg	172	2.70	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.72	0.270	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Vanadium, Total	28.8		mg/kg	0.859	0.174	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC
Zinc, Total	59.8		mg/kg	4.29	0.252	2	06/28/24 14:30	07/01/24 17:46	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-22
Client ID: H11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 12:25
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13600		mg/kg	8.66	2.34	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Antimony, Total	0.616	J	mg/kg	4.33	0.329	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Arsenic, Total	15.8		mg/kg	0.866	0.180	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Barium, Total	48.3		mg/kg	0.866	0.151	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.359	J	mg/kg	0.433	0.029	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.127	J	mg/kg	0.866	0.085	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Calcium, Total	563		mg/kg	8.66	3.03	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Chromium, Total	37.6		mg/kg	0.866	0.083	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.68		mg/kg	1.73	0.144	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Copper, Total	15.7		mg/kg	0.866	0.223	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Iron, Total	16900		mg/kg	4.33	0.782	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Lead, Total	17.2		mg/kg	4.33	0.232	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Magnesium, Total	4650		mg/kg	8.66	1.33	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Manganese, Total	255		mg/kg	0.866	0.138	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Mercury, Total	0.189		mg/kg	0.073	0.047	1	06/28/24 16:57	07/02/24 11:01	EPA 7471B	1,7471B	MJR
Nickel, Total	18.3		mg/kg	2.16	0.210	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Potassium, Total	1260		mg/kg	216	12.5	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.73	0.223	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.433	0.245	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Sodium, Total	37.4	J	mg/kg	173	2.73	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Thallium, Total	0.615	J	mg/kg	1.73	0.273	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Vanadium, Total	30.3		mg/kg	0.866	0.176	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC
Zinc, Total	39.9		mg/kg	4.33	0.254	2	06/28/24 14:30	07/01/24 17:50	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-25 Date Collected: 06/25/24 12:50

Client ID: H10_0-0.2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15500		mg/kg	9.36	2.53	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Antimony, Total	0.687	J	mg/kg	4.68	0.356	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Arsenic, Total	30.3		mg/kg	0.936	0.195	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Barium, Total	72.8		mg/kg	0.936	0.163	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.608		mg/kg	0.468	0.031	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.177	J	mg/kg	0.936	0.092	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Calcium, Total	676		mg/kg	9.36	3.28	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Chromium, Total	24.4		mg/kg	0.936	0.090	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Cobalt, Total	5.87		mg/kg	1.87	0.155	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Copper, Total	14.6		mg/kg	0.936	0.242	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Iron, Total	16400		mg/kg	4.68	0.845	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Lead, Total	104		mg/kg	4.68	0.251	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Magnesium, Total	3180		mg/kg	9.36	1.44	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Manganese, Total	324		mg/kg	0.936	0.149	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Mercury, Total	0.129		mg/kg	0.084	0.055	1	06/28/24 16:57	07/02/24 11:04	EPA 7471B	1,7471B	MJR
Nickel, Total	12.8		mg/kg	2.34	0.226	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Potassium, Total	628		mg/kg	234	13.5	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.87	0.242	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.468	0.265	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Sodium, Total	29.2	J	mg/kg	187	2.95	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.87	0.295	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Vanadium, Total	28.8		mg/kg	0.936	0.190	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC
Zinc, Total	55.7		mg/kg	4.68	0.274	2	06/28/24 14:30	07/01/24 17:54	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-26 Date Collected: 06/25/24 12:55

Client ID: H10_0.2-2 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16800		mg/kg	9.53	2.57	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Antimony, Total	0.444	J	mg/kg	4.76	0.362	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Arsenic, Total	10.5		mg/kg	0.953	0.198	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Barium, Total	76.1		mg/kg	0.953	0.166	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.559		mg/kg	0.476	0.031	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.094	J	mg/kg	0.953	0.093	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Calcium, Total	686		mg/kg	9.53	3.34	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Chromium, Total	19.8		mg/kg	0.953	0.092	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.19		mg/kg	1.91	0.158	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Copper, Total	10.8		mg/kg	0.953	0.246	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Iron, Total	17000		mg/kg	4.76	0.861	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Lead, Total	35.1		mg/kg	4.76	0.255	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Magnesium, Total	3370		mg/kg	9.53	1.47	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Manganese, Total	263		mg/kg	0.953	0.152	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Mercury, Total	0.074	J	mg/kg	0.085	0.056	1	06/28/24 16:57	07/02/24 11:08	EPA 7471B	1,7471B	MJR
Nickel, Total	12.4		mg/kg	2.38	0.231	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Potassium, Total	527		mg/kg	238	13.7	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.91	0.246	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.476	0.270	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Sodium, Total	26.8	J	mg/kg	191	3.00	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.91	0.300	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Vanadium, Total	28.9		mg/kg	0.953	0.193	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC
Zinc, Total	43.2		mg/kg	4.76	0.279	2	06/28/24 14:30	07/01/24 17:58	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2435973
Project Number: 3858.0004Y000
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-29
Client ID: H9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 13:15
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	19300		mg/kg	17.8	4.80	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Antimony, Total	0.901	J	mg/kg	8.90	0.676	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Arsenic, Total	12.9		mg/kg	1.78	0.370	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Barium, Total	119		mg/kg	1.78	0.310	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.538	J	mg/kg	0.890	0.059	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	1.78	0.174	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Calcium, Total	1010		mg/kg	17.8	6.23	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Chromium, Total	33.3		mg/kg	1.78	0.171	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Cobalt, Total	10.6		mg/kg	3.56	0.295	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Copper, Total	24.9		mg/kg	1.78	0.459	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Iron, Total	27500		mg/kg	8.90	1.61	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Lead, Total	32.1		mg/kg	8.90	0.477	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Magnesium, Total	5840		mg/kg	17.8	2.74	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Manganese, Total	417		mg/kg	1.78	0.283	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Mercury, Total	2.59		mg/kg	0.078	0.051	1	06/28/24 16:57	07/02/24 11:11	EPA 7471B	1,7471B	MJR
Nickel, Total	20.0		mg/kg	4.45	0.431	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Potassium, Total	3170		mg/kg	445	25.6	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	3.56	0.459	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.890	0.504	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Sodium, Total	50.3	J	mg/kg	356	5.60	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	3.56	0.560	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Vanadium, Total	46.7		mg/kg	1.78	0.361	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC
Zinc, Total	83.5		mg/kg	8.90	0.521	4	06/28/24 14:30	07/01/24 21:57	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-30
Client ID: H9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 13:20
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17900		mg/kg	19.6	5.29	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	9.79	0.744	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Arsenic, Total	15.4		mg/kg	1.96	0.407	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Barium, Total	129		mg/kg	1.96	0.341	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.604	J	mg/kg	0.979	0.065	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	1.96	0.192	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Calcium, Total	1010		mg/kg	19.6	6.85	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Chromium, Total	30.0		mg/kg	1.96	0.188	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Cobalt, Total	10.5		mg/kg	3.92	0.325	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Copper, Total	32.6		mg/kg	1.96	0.505	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Iron, Total	26100		mg/kg	9.79	1.77	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Lead, Total	49.4		mg/kg	9.79	0.525	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Magnesium, Total	5730		mg/kg	19.6	3.02	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Manganese, Total	464		mg/kg	1.96	0.311	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Mercury, Total	2.49		mg/kg	0.092	0.060	1	06/28/24 16:57	07/02/24 11:14	EPA 7471B	1,7471B	MJR
Nickel, Total	18.7		mg/kg	4.90	0.474	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Potassium, Total	4090		mg/kg	490	28.2	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	3.92	0.505	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.979	0.554	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Sodium, Total	61.6	J	mg/kg	392	6.17	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	3.92	0.617	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Vanadium, Total	43.3		mg/kg	1.96	0.398	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC
Zinc, Total	83.3		mg/kg	9.79	0.574	4	06/28/24 14:30	07/01/24 21:10	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-33 Date Collected: 06/25/24 11:35

Client ID: FB_06252024 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00025	J	mg/l	0.00100	0.00017	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/28/24 00:24	06/29/24 15:12	EPA 7470A	1,7470A	DJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Sodium, Total	0.0750	J	mg/l	0.100	0.0293	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/27/24 22:57	06/28/24 11:56	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2435973

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-34 Date Collected: 06/25/24 12:00

Client ID: DUP_06252024 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7890		mg/kg	9.52	2.57	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Antimony, Total	0.666	J	mg/kg	4.76	0.362	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Arsenic, Total	7.25		mg/kg	0.952	0.198	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Barium, Total	49.0		mg/kg	0.952	0.166	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.284	J	mg/kg	0.476	0.031	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.290	J	mg/kg	0.952	0.093	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Calcium, Total	2160		mg/kg	9.52	3.33	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Chromium, Total	16.9		mg/kg	0.952	0.091	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.39		mg/kg	1.90	0.158	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Copper, Total	13.2		mg/kg	0.952	0.246	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Iron, Total	10600		mg/kg	4.76	0.860	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Lead, Total	23.3		mg/kg	4.76	0.255	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Magnesium, Total	2650		mg/kg	9.52	1.47	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Manganese, Total	286		mg/kg	0.952	0.151	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Mercury, Total	1.07		mg/kg	0.092	0.060	1	06/28/24 16:57	07/02/24 11:18	EPA 7471B	1,7471B	MJR
Nickel, Total	7.16		mg/kg	2.38	0.230	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Potassium, Total	622		mg/kg	238	13.7	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.90	0.246	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.476	0.269	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Sodium, Total	28.8	J	mg/kg	190	3.00	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.90	0.300	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Vanadium, Total	16.9		mg/kg	0.952	0.193	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC
Zinc, Total	40.5		mg/kg	4.76	0.279	2	06/28/24 14:30	07/01/24 18:33	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 33 Batch: WG1940397-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Sodium, Total	0.0744	J	mg/l	0.100	0.0293	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/27/24 22:57	06/28/24 11:01	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 33 Batch: WG1940399-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/28/24 00:24	06/29/24 13:50	1,7470A	DJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14 Batch: WG1940822-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Chromium, Total	0.046	J	mg/kg	0.400	0.038	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Iron, Total	0.613	J	mg/kg	2.00	0.361	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/29/24 11:40	07/01/24 13:34	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14 Batch: WG1940824-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/29/24 14:00	07/01/24 13:12	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 17-18,21-22,25-26,29-30,34 Batch: WG1940830-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Iron, Total	0.527	J	mg/kg	2.00	0.361	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/28/24 14:30	07/01/24 18:21	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 17-18,21-22,25-26,29-30,34 Batch: WG1940832-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/28/24 16:57	07/02/24 10:28	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33 Batch: WG1940397-2								
Aluminum, Total	93		-		80-120	-		
Antimony, Total	91		-		80-120	-		
Arsenic, Total	98		-		80-120	-		
Barium, Total	99		-		80-120	-		
Beryllium, Total	97		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Calcium, Total	82		-		80-120	-		
Chromium, Total	94		-		80-120	-		
Cobalt, Total	102		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	107		-		80-120	-		
Magnesium, Total	95		-		80-120	-		
Manganese, Total	94		-		80-120	-		
Nickel, Total	95		-		80-120	-		
Potassium, Total	86		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	103		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	104		-		80-120	-		
Vanadium, Total	88		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33 Batch: WG1940397-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 33 Batch: WG1940399-2					
Mercury, Total	97	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14 Batch: WG1940822-2					
Aluminum, Total	110	-	80-120	-	
Antimony, Total	111	-	80-120	-	
Arsenic, Total	103	-	80-120	-	
Barium, Total	106	-	80-120	-	
Beryllium, Total	110	-	80-120	-	
Cadmium, Total	107	-	80-120	-	
Calcium, Total	105	-	80-120	-	
Chromium, Total	109	-	80-120	-	
Cobalt, Total	108	-	80-120	-	
Copper, Total	110	-	80-120	-	
Iron, Total	106	-	80-120	-	
Lead, Total	103	-	80-120	-	
Magnesium, Total	105	-	80-120	-	
Manganese, Total	106	-	80-120	-	
Nickel, Total	106	-	80-120	-	
Potassium, Total	108	-	80-120	-	
Selenium, Total	105	-	80-120	-	
Silver, Total	109	-	80-120	-	
Sodium, Total	109	-	80-120	-	
Thallium, Total	101	-	80-120	-	
Vanadium, Total	111	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14 Batch: WG1940822-2					
Zinc, Total	107	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14 Batch: WG1940824-2					
Mercury, Total	102	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 17-18,21-22,25-26,29-30,34 Batch: WG1940830-2					
Aluminum, Total	109	-	80-120	-	
Antimony, Total	111	-	80-120	-	
Arsenic, Total	97	-	80-120	-	
Barium, Total	106	-	80-120	-	
Beryllium, Total	109	-	80-120	-	
Cadmium, Total	107	-	80-120	-	
Calcium, Total	102	-	80-120	-	
Chromium, Total	109	-	80-120	-	
Cobalt, Total	104	-	80-120	-	
Copper, Total	110	-	80-120	-	
Iron, Total	106	-	80-120	-	
Lead, Total	101	-	80-120	-	
Magnesium, Total	105	-	80-120	-	
Manganese, Total	104	-	80-120	-	
Nickel, Total	101	-	80-120	-	
Potassium, Total	107	-	80-120	-	
Selenium, Total	100	-	80-120	-	
Silver, Total	104	-	80-120	-	
Sodium, Total	106	-	80-120	-	
Thallium, Total	98	-	80-120	-	
Vanadium, Total	112	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 17-18,21-22,25-26,29-30,34 Batch: WG1940830-2					
Zinc, Total	108	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 17-18,21-22,25-26,29-30,34 Batch: WG1940832-2					
Mercury, Total	100	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33 QC Batch ID: WG1940397-3 QC Sample: L2435546-01 Client ID: MS Sample												
Aluminum, Total	0.004J	2	2.05	102		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.4648	93		-	-		75-125	-		20
Arsenic, Total	0.00022J	0.12	0.1255	104		-	-		75-125	-		20
Barium, Total	0.08029	2	2.058	99		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.04976	100		-	-		75-125	-		20
Cadmium, Total	0.0001J	0.053	0.05459	103		-	-		75-125	-		20
Calcium, Total	45.2	10	55.1	99		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.1955	98		-	-		75-125	-		20
Cobalt, Total	0.0004J	0.5	0.5252	105		-	-		75-125	-		20
Copper, Total	ND	0.25	0.2627	105		-	-		75-125	-		20
Iron, Total	0.0601	1	1.21	115		-	-		75-125	-		20
Lead, Total	ND	0.53	0.5829	110		-	-		75-125	-		20
Magnesium, Total	6.40	10	17.2	108		-	-		75-125	-		20
Manganese, Total	1.370	0.5	2.005	**127**	Q	-	-		75-125	-		20
Nickel, Total	0.0007J	0.5	0.5056	101		-	-		75-125	-		20
Potassium, Total	0.965	10	10.0	90		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.124	103		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05278	106		-	-		75-125	-		20
Sodium, Total	6.36	10	18.4	120		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1296	108		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.4629	92		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33 QC Batch ID: WG1940397-3 QC Sample: L2435546-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5036	101	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 33 QC Batch ID: WG1940399-3 QC Sample: L2435546-02 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00460	92	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14 QC Batch ID: WG1940822-3 QC Sample: L2435935-01 Client ID: MS Sample										
Aluminum, Total	8860	177	10100	**700**	Q	-	-	75-125	-	20
Antimony, Total	ND	44.3	42.6	96		-	-	75-125	-	20
Arsenic, Total	2.05	10.6	14.2	114		-	-	75-125	-	20
Barium, Total	59.5	177	240	102		-	-	75-125	-	20
Beryllium, Total	0.400J	4.43	5.08	115		-	-	75-125	-	20
Cadmium, Total	ND	4.69	4.47	95		-	-	75-125	-	20
Calcium, Total	1100	885	2060	108		-	-	75-125	-	20
Chromium, Total	15.8	17.7	40.1	**137**	Q	-	-	75-125	-	20
Cobalt, Total	6.44	44.3	50.1	99		-	-	75-125	-	20
Copper, Total	16.8	22.1	42.9	118		-	-	75-125	-	20
Iron, Total	13200	88.5	15500	**2600**	Q	-	-	75-125	-	20
Lead, Total	7.53	46.9	57.1	106		-	-	75-125	-	20
Magnesium, Total	2830	885	4140	**148**	Q	-	-	75-125	-	20
Manganese, Total	337	44.3	605	**605**	Q	-	-	75-125	-	20
Nickel, Total	13.3	44.3	57.3	99		-	-	75-125	-	20
Potassium, Total	1830	885	2780	107		-	-	75-125	-	20
Selenium, Total	ND	10.6	11.2	105		-	-	75-125	-	20
Silver, Total	ND	4.43	4.47	101		-	-	75-125	-	20
Sodium, Total	83.4J	885	1000	113		-	-	75-125	-	20
Thallium, Total	ND	10.6	11.1	104		-	-	75-125	-	20
Vanadium, Total	21.9	44.3	73.7	117		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14 QC Batch ID: WG1940822-3 QC Sample: L2435935-01 Client ID: MS Sample									
Zinc, Total	30.5	44.3	74.8	100	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14 QC Batch ID: WG1940824-3 QC Sample: L2435935-01 Client ID: MS Sample									
Mercury, Total	ND	1.44	1.46	102	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 17-18,21-22,25-26,29-30,34 QC Batch ID: WG1940830-3 QC Sample: L2435973-17 Client ID: H12_0-0.2										
Aluminum, Total	11100	175	11600	**285**	Q	-	-	75-125	-	20
Antimony, Total	0.496J	43.8	40.6	93		-	-	75-125	-	20
Arsenic, Total	21.0	10.5	37.4	**156**	Q	-	-	75-125	-	20
Barium, Total	40.0	175	219	102		-	-	75-125	-	20
Beryllium, Total	0.459	4.38	5.06	105		-	-	75-125	-	20
Cadmium, Total	0.179J	4.64	4.69	101		-	-	75-125	-	20
Calcium, Total	257	876	1130	100		-	-	75-125	-	20
Chromium, Total	29.0	17.5	45.4	94		-	-	75-125	-	20
Cobalt, Total	3.09	43.8	35.8	75		-	-	75-125	-	20
Copper, Total	9.11	21.9	32.5	107		-	-	75-125	-	20
Iron, Total	12700	87.6	12500	**0**	Q	-	-	75-125	-	20
Lead, Total	62.4	46.4	109	100		-	-	75-125	-	20
Magnesium, Total	2060	876	2900	96		-	-	75-125	-	20
Manganese, Total	355	43.8	457	**233**	Q	-	-	75-125	-	20
Nickel, Total	6.84	43.8	38.6	**72**	Q	-	-	75-125	-	20
Potassium, Total	338	876	1250	104		-	-	75-125	-	20
Selenium, Total	ND	10.5	10.7	102		-	-	75-125	-	20
Silver, Total	ND	4.38	3.52	80		-	-	75-125	-	20
Sodium, Total	22.2J	876	926	106		-	-	75-125	-	20
Thallium, Total	ND	10.5	10.1	96		-	-	75-125	-	20
Vanadium, Total	20.4	43.8	65.9	104		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 17-18,21-22,25-26,29-30,34 QC Batch ID: WG1940830-3 QC Sample: L2435973-17 Client ID: H12_0-0.2									
Zinc, Total	43.6	43.8	87.4	100	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 17-18,21-22,25-26,29-30,34 QC Batch ID: WG1940832-3 WG1940832-4 QC Sample: L2435991-04 Client ID: MS Sample									
Mercury, Total	0.065J	1.71	1.83	107	1.61	105	80-120	13	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33 QC Batch ID: WG1940397-4 QC Sample: L2435546-01 Client ID: DUP Sample						
Antimony, Total	ND	0.00055J	mg/l	NC		20
Arsenic, Total	0.00022J	0.00022J	mg/l	NC		20
Barium, Total	0.08029	0.08328	mg/l	4		20
Copper, Total	ND	ND	mg/l	NC		20
Iron, Total	0.0601	0.0508	mg/l	17		20
Lead, Total	ND	ND	mg/l	NC		20
Manganese, Total	1.370	1.428	mg/l	4		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	6.36	6.87	mg/l	8		20
Thallium, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 33 QC Batch ID: WG1940399-4 QC Sample: L2435546-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14 QC Batch ID: WG1940822-4 QC Sample: L2435935-01 Client ID: DUP Sample						
Aluminum, Total	8860	8810	mg/kg	1		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.05	2.32	mg/kg	12		20
Barium, Total	59.5	70.4	mg/kg	17		20
Beryllium, Total	0.400J	0.435	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	1100	1190	mg/kg	8		20
Chromium, Total	15.8	16.3	mg/kg	3		20
Cobalt, Total	6.44	6.62	mg/kg	3		20
Copper, Total	16.8	17.8	mg/kg	6		20
Iron, Total	13200	13400	mg/kg	2		20
Lead, Total	7.53	8.51	mg/kg	12		20
Magnesium, Total	2830	2670	mg/kg	6		20
Manganese, Total	337	632	mg/kg	**61**	Q	20
Nickel, Total	13.3	13.3	mg/kg	0		20
Potassium, Total	1830	1580	mg/kg	15		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	83.4J	83.6J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14 QC Batch ID: WG1940822-4 QC Sample: L2435935-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	21.9	23.4	mg/kg	7	20
Zinc, Total	30.5	28.7	mg/kg	6	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14 QC Batch ID: WG1940824-4 QC Sample: L2435935-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 17-18,21-22,25-26,29-30,34 QC Batch ID: WG1940830-4 QC Sample: L2435973-17 Client ID: H12_0-0.2					
Aluminum, Total	11100	10200	mg/kg	8	20
Antimony, Total	0.496J	0.509J	mg/kg	NC	20
Arsenic, Total	21.0	18.9	mg/kg	11	20
Barium, Total	40.0	37.1	mg/kg	8	20
Beryllium, Total	0.459	0.417J	mg/kg	NC	20
Cadmium, Total	0.179J	0.166J	mg/kg	NC	20
Calcium, Total	257	228	mg/kg	12	20
Chromium, Total	29.0	25.5	mg/kg	13	20
Cobalt, Total	3.09	2.88	mg/kg	7	20
Copper, Total	9.11	8.48	mg/kg	7	20
Iron, Total	12700	11300	mg/kg	12	20
Lead, Total	62.4	58.4	mg/kg	7	20
Magnesium, Total	2060	1860	mg/kg	10	20
Manganese, Total	355	342	mg/kg	4	20
Nickel, Total	6.84	6.44	mg/kg	6	20
Potassium, Total	338	297	mg/kg	13	20
Selenium, Total	ND	0.219J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	22.2J	20.9J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 17-18,21-22,25-26,29-30,34 QC Batch ID: WG1940830-4 QC Sample: L2435973-17 Client ID: H12_0-0.2					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	20.4	17.8	mg/kg	14	20
Zinc, Total	43.6	40.1	mg/kg	8	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2435973
Report Date: 07/02/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14 QC Batch ID: WG1940822-6 QC Sample: L2435935-01 Client ID: DUP Sample						
Aluminum, Total	8860	9390	mg/kg	6		20
Barium, Total	59.5	63.5	mg/kg	7		20
Calcium, Total	1100	1150	mg/kg	5		20
Iron, Total	13200	14800	mg/kg	12		20
Magnesium, Total	2830	3110	mg/kg	10		20
Manganese, Total	337	363	mg/kg	8		20
Vanadium, Total	21.9	23.2	mg/kg	6		20
Total Metals - Mansfield Lab Associated sample(s): 17-18,21-22,25-26,29-30,34 QC Batch ID: WG1940830-6 QC Sample: L2435973-17 Client ID: H12_0-0.2						
Aluminum, Total	11100	11600	mg/kg	5		20
Barium, Total	40.0	41.8	mg/kg	4		20
Calcium, Total	257	269	mg/kg	5		20
Chromium, Total	29.0	31.6	mg/kg	9		20
Iron, Total	12700	13800	mg/kg	9		20
Magnesium, Total	2060	2290	mg/kg	11		20
Manganese, Total	355	376	mg/kg	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-01
Client ID: G15_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 08:25
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	06/26/24 11:13	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.979	0.196	1	07/02/24 11:04	07/02/24 18:00	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-02
Client ID: G15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 08:30
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	06/26/24 11:13	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	07/01/24 19:30	07/02/24 13:06	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.872	0.174	1	07/02/24 11:04	07/02/24 18:00	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-05
Client ID: H15_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 09:10
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	06/26/24 11:13	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.913	0.183	1	07/02/24 11:04	07/02/24 18:00	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-06
Client ID: H15_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 09:15
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	06/26/24 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	07/01/24 19:30	07/02/24 13:07	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.870	0.174	1	07/02/24 11:04	07/02/24 18:00	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-09
Client ID: H14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 10:00
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	06/26/24 11:29	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.944	0.189	1	07/02/24 11:04	07/02/24 18:00	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-10
Client ID: H14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 10:05
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	06/26/24 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	07/01/24 19:30	07/02/24 13:08	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.917	0.183	1	07/02/24 11:04	07/02/24 18:00	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-13
Client ID: H13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 10:40
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	06/26/24 11:29	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.884	0.177	1	07/02/24 11:04	07/02/24 18:00	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-14
Client ID: H13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 10:45
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.5		%	0.100	NA	1	-	06/26/24 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.27	1	07/01/24 19:30	07/02/24 13:09	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.02	0.204	1	07/02/24 11:04	07/02/24 18:00	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-17
Client ID: H12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 11:50
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	06/26/24 11:29	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.891	0.178	1	07/02/24 11:04	07/02/24 18:00	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-18
Client ID: H12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 11:55
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	06/26/24 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	07/01/24 19:30	07/02/24 13:10	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.870	0.174	1	07/02/24 11:04	07/02/24 18:00	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-21
Client ID: H11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 12:20
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	06/26/24 11:29	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.875	0.175	1	07/02/24 11:04	07/02/24 18:15	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-22
Client ID: H11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 12:25
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	06/26/24 11:29	121,2540G	ROI
Cyanide, Total	0.24	J	mg/kg	1.0	0.22	1	07/01/24 19:30	07/02/24 13:11	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.891	0.178	1	07/02/24 11:04	07/02/24 18:15	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-25
Client ID: H10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/25/24 12:50
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	06/26/24 11:29	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.986	0.197	1	07/02/24 11:04	07/02/24 18:15	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-26
Client ID: H10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 12:55
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	06/26/24 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	07/01/24 19:30	07/02/24 13:12	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.959	0.192	1	07/02/24 11:04	07/02/24 18:15	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-29
Client ID: H9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 13:15
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	06/26/24 11:29	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.915	0.183	1	07/02/24 11:04	07/02/24 18:15	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-30
Client ID: H9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 13:20
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.6		%	0.100	NA	1	-	06/26/24 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	07/01/24 19:30	07/02/24 13:13	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.992	0.198	1	07/02/24 11:04	07/02/24 18:15	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-33
Client ID: FB_06252024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Field Blank

Date Collected: 06/25/24 11:35
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/26/24 09:00	06/26/24 09:22	1,7196A	JBB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2435973-34
Client ID: DUP_06252024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 12:00
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	06/26/24 11:29	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.958	0.192	1	07/02/24 11:04	07/02/24 18:15	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2435973
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 33 Batch: WG1939574-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/26/24 09:00	06/26/24 09:21	1,7196A	JBB
General Chemistry - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30 Batch: WG1941894-1										
Cyanide, Total	ND		mg/kg	0.97	0.20	1	07/01/24 19:30	07/02/24 12:47	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1942120-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	07/02/24 11:04	07/02/24 18:00	1,7196A	LOF
General Chemistry - Westborough Lab for sample(s): 21-22,25-26,29-30,34 Batch: WG1942123-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	07/02/24 11:04	07/02/24 18:15	1,7196A	LOF

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2435973

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 33 Batch: WG1939574-2								
Chromium, Hexavalent	93		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30 Batch: WG1941894-2 WG1941894-3								
Cyanide, Total	**42**	Q	**55**	Q	80-120	21		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1942120-2								
Chromium, Hexavalent	101		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29-30,34 Batch: WG1942123-2								
Chromium, Hexavalent	101		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 33 QC Batch ID: WG1939574-4 QC Sample: L2435973-33 Client ID: FB_06252024												
Chromium, Hexavalent	ND	0.1	0.096	96		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30 QC Batch ID: WG1941894-4 WG1941894-5 QC Sample: L2435766-01 Client ID: MS Sample												
Cyanide, Total	ND	11	10	92		9.9	92		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30 QC Batch ID: WG1941894-6 WG1941894-7 QC Sample: L2435807-01 Client ID: MS Sample												
Cyanide, Total	ND	11	9.8	92		9.7	92		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1942120-4 QC Sample: L2435973-10 Client ID: H14_0.2-2												
Chromium, Hexavalent	ND	1300	1290	99		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29-30,34 QC Batch ID: WG1942123-4 QC Sample: L2435973-29 Client ID: H9_0-0.2												
Chromium, Hexavalent	ND	1210	1110	92		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,05 QC Batch ID: WG1939499-1 QC Sample: L2435607-02 Client ID: DUP Sample						
Solids, Total	71.5	68.5	%	4		20
General Chemistry - Westborough Lab Associated sample(s): 06,09-10,13-14,17-18,21-22,25-26,29-30,34 QC Batch ID: WG1939502-1 QC Sample: L2435973-06 Client ID: H15_0.2-2						
Solids, Total	91.9	91.1	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 33 QC Batch ID: WG1939574-3 QC Sample: L2435973-33 Client ID: FB_06252024						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1942120-6 QC Sample: L2435973-10 Client ID: H14_0.2-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29-30,34 QC Batch ID: WG1942123-6 QC Sample: L2435973-29 Client ID: H9_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435973-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2435973-01B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-01C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-02A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-02B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-02C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-02D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2435973-02E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2435973-02F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-02G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-02X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-02Y	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-02Z	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-03A	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435973-03B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-03C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-04A	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		HOLD-METAL(180)
L2435973-04B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-04C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2435973-05B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-05C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-06A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-06B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-06C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-06D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2435973-06E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2435973-06F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-06G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-06X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-06Y	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-06Z	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-07A	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435973-07B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-07C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-08A	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		HOLD-METAL(180)
L2435973-08B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-08C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-09A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2435973-09B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-09C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-10A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-10B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-10C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-10D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2435973-10E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2435973-10F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-10G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-10X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-10Y	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-10Z	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-11A	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435973-11B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-11C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-12A	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		HOLD-METAL(180)
L2435973-12B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-12C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-13A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2435973-13B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-13C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-14A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-14B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-14C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-14D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2435973-14E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2435973-14F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-14G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-14X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-14Y	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-14Z	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-15A	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435973-15B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-15C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-16A	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		HOLD-METAL(180)
L2435973-16B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-16C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-17A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2435973-17B	Glass 120ml/4oz unpreserved	C	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-17C	Glass 250ml/8oz unpreserved	C	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-18A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-18B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-18C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-18D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2435973-18E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2435973-18F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-18G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-18X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-18Y	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-18Z	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-19A	Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435973-19B	Glass 120ml/4oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-19C	Glass 250ml/8oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-20A	Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		HOLD-METAL(180)
L2435973-20B	Glass 120ml/4oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-20C	Glass 250ml/8oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-21A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2435973-21B	Glass 120ml/4oz unpreserved	C	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-21C	Glass 120ml/4oz unpreserved	C	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-22A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-22B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-22C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-22D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2435973-22E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2435973-22F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-22G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-22X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-22Y	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-22Z	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-23A	Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435973-23B	Glass 120ml/4oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-23C	Glass 250ml/8oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-24A	Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		HOLD-METAL(180)
L2435973-24B	Glass 120ml/4oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-24C	Glass 250ml/8oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-25A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2435973-25B	Glass 120ml/4oz unpreserved	C	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-25C	Glass 120ml/4oz unpreserved	C	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-26A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-26B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-26C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-26D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2435973-26E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2435973-26F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-26G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-26X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-26Y	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-26Z	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-27A	Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435973-27B	Glass 120ml/4oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-27C	Glass 250ml/8oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-28A	Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		HOLD-METAL(180)
L2435973-28B	Glass 120ml/4oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-28C	Glass 250ml/8oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-29A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2435973-29B	Glass 120ml/4oz unpreserved	C	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-29C	Glass 120ml/4oz unpreserved	C	NA		2.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-30A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-30B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-30C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-30D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2435973-30E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2435973-30F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-30G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2435973-30X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2435973-30Y	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-30Z	Vial Water preserved split	B	NA		4.6	Y	Absent	26-JUN-24 09:52	NYTCL-8260HLW(14)
L2435973-31A	Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435973-31B	Glass 120ml/4oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-31C	Glass 250ml/8oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-32A	Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		HOLD-METAL(180)
L2435973-32B	Glass 120ml/4oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-32C	Glass 250ml/8oz unpreserved	C	NA		2.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2435973-33A	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7)
L2435973-33B	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7)
L2435973-33C	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		HEXCR-7196(1)
L2435973-33D	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2435973-33E	Amber 1000ml unpreserved	A	7	7	3.1	Y	Absent		HERB-APA(7)
L2435973-33F	Amber 1000ml unpreserved	A	7	7	3.1	Y	Absent		HERB-APA(7)
L2435973-34A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2435973-34B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-34C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2435973-35A	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260(14)
L2435973-35B	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260(14)

Container Comments

L2435973-10E Container has incorrect time

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2435973
Report Date: 07/02/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

Container Comments

L2435973-10F	Container has incorrect time
L2435973-10G	Container has incorrect time
L2435973-22E	Cap cracked, sample intact

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435973
Project Number:	3858.0004Y000	**Report Date:**	07/02/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435973
Project Number:	3858.0004Y000	**Report Date:**	07/02/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435973
Project Number:	3858.0004Y000	**Report Date:**	07/02/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2435973
Project Number:	3858.0004Y000	**Report Date:**	07/02/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/26/24

ALPHA Job #: 22435973

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
35973-01	GIS-0-0.2	6/25/24	0825	S	EL			X	X	X	X				3
-02	GIS-0.2-2		0830	S	EL	X	X	X	X	X	X	X	X		7
-03	GIS-2-4		0835	S	EL			H	H	H	H			HOLD	3
-04	GIS-4-6		0840	S	EL			H	H	H	H			HOLD	3
-05	~~GIS~~ HIS-0-0.2		0910	S	EL			X	X	X	X				3
-06	HIS-0.2-2		0915	S	EL	X	X	X	X	X	X	X	X		7
-07	HIS-2-4		0920	S	EL			H	H	H	H			HOLD	3
-08	HIS-4-6		0925	S	EL			H	H	H	H			HOLD	3
-09	H14-0-0.2		1000	S	EL			X	X	X	X				3
-10	H14-0.2-2		1005	S	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/25/24 1445	WIFI (Pace)	6/25/24 16:48
WIFI (Pace)	6/25/24 1942	Anthony Green	JUN 25 2024 2132
Anthony Green	6/26/24 0110		6/26/24 0110
	6/26/24 0310		6/26/24 0310

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 4

Date Rec'd in Lab: 6/26/24

ALPHA Job #: L2435973

Client Information

Client: RAMAX
Address: 709 SHAPIER ST.
ISLANDIA, NY 11749
Phone: 631-232-7600
Fax: 631-232-9818
Email: RLOMBINO@RAMAXINC.COM

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 850 DOBBS FERRY ROAD
Project #: 3858.00044000
(Use Project name as Project #) ☐
Project Manager: RON LOMBINO
ALPHAQuote #: 21525

Turn-Around Time

Standard ☒ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/PART 375 VOCs + 10 TICs, TOTAL SVOCs	TCL/PART 375 TBNA/BVOCs	TAL/PART 375 METALS	HEX CR	TCL/PART 375 PEST	TCL/PART 375 HERB	TCL/PART 375 PCBs	TOTAL CYANIDE	Sample Specific Comments	Total Bottle
35973-11	H14-2-4	6/25/24	1010	S	EL			M	M	M	H			Hold	3
-12	H14-4-6		1015	S	EL			H	H	H	H			Hold	3
-13	H13-0-0.2		1040	S	EL			X	X	X	X				3
-14	H13-0.2-2		1045	S	EL	X	X	X	X	X	X	X	X		7
-15	H13-2-4		1050	S	EL			H	H	H	H			Hold	3
-16	H13-4-6		1055	S	EL			H	H	H	H			Hold	3
-17	H12-0-0.2		1150	S	EL			X	X	X	X				3
-18	H12-0.2-2		1155	S	EL	X	X	X	X	X	X	X	X		7
-19	H12-2-4		1205	S	EL			H	H	H	H			Hold	3
-20	H12-4-6		1210	S	EL			H	H	H	H			Hold	3
					Container Type	E	A	A	A	A	A	A	A		
					Preservative	A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/25/24 1440	WIFI (Pace)	6/25/24 16:48
WIFI (Pace)	6/25/24 1942	Anthony Green	JUN 25 2024 21:32
Anthony Green	6/26/24 0410		6/26/24 0410
	6/26/24 0310		6/26/24 0310

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 4

Date Rec'd in Lab: 6/26/24

ALPHA Job #: L2435973

Client Information
Client: TONY
Address: 209 SHAFTER ST ISLANDIA, NY 11749
Phone: 631-232-2600
Fax: 631-232-9898
Email: RLOMBINO@TONYENI.COM

Project Information
Project Name: ELMWOOD PRESERVE
Project Location: 950 OOBS FERRY ROAD
Project #: 3858.DOUGLOOD
(Use Project name as Project #)
Project Manager: TON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time
Standard: [X] Due Date: STANDARD
Rush (only if pre approved): [ ] # of Days:

These samples have been previously analyzed by Alpha: [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[X] Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/PART 375 VOCs + 10 TICs, TOTAL XYLENES	TCL/PART 375 SVOCs	TCL/PART 375 METALS	HEX CR	TCL/PART 375 PEST	TCL/PART 375 HERBS	TCL/PART 375 PCBs	TOTAL CYANIDE	Sample Specific Comments	Total Bottle
35973-21	H11-0-0.2	6/25/24	1220	S	EL			X	X	X	X				3
-22	H11-0.2-2		1225	S	EL	X	X	X	X	X	X	X	X		7
-23	H11-2-4		1230	S	EL			H	H	H	H			HOLD	3
-24	H11-4-6		1235	S	EL			H	H	H	H			HOLD	3
-25	H10-0-0.2		1250	S	EL			X	X	X	X				3
-26	H10-0.2-2		1255	S	EL	X	X	X	X	X	X	X	X		7
-27	H10-2-4		1300	S	EL			H	H	H	H			HOLD	3
-28	H10-4-6		1305	S	EL			H	H	H	H			HOLD	3
-29	H9-0-0.2		1315	S	EL			X	X	X	X				3
-30	H9-0.2-2		1320	S	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/25/24 1440	WIFI (Pace)	6/25/24 16:48
WIFI (Pace)	6/25/24 1942	Anthony Green	JUN 25 2024 2132
Anthony Green	6/26/24 0110		6/26/24 0110
	6/26/24 0310		6/26/24 0310

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 4 of 4

Date Rec'd in Lab: 6/26/24

ALPHA Job #: L2435973

Client Information

Client: FOUX
Address: 204 SHAFFER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax: 631-232-9848
Email: RLOMBINO@FOUXENG.COM

Project Information

Project Name: GLANWOOD PRESERVE
Project Location: 850 OLD SOUTH FERRY ROAD
Project #: 3BSB.0004Y000
(Use Project name as Project #)
Project Manager: RON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time

Standard: X
Rush (only if pre approved):
Due Date: STANDARD
# of Days:

Deliverables

ASP-A: ☐
ASP-B: X
EQuIS (1 File): ☐
EQuIS (4 File): ☐
Other: ☐

Billing Information

Same as Client Info: X
PO #

Regulatory Requirement

NY TOGS: ☐
NY Part 375: ☐
AWQ Standards: ☐
NY CP-51: ☐
NY Restricted Use: ☐
Other: ☐
NY Unrestricted Use: ☐
NYC Sewer Discharge: ☐

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ: ☐
NY: ☐
Other: ☐

These samples have been previously analyzed by Alpha: ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
Done: ☐
Lab to do: ☐
Preservation
Lab to do: ☐
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/PART 375 VOCs + 10 TICs, TOTAL XYLENES	TCL/PART 375 SVOCs + 10 TICs	TAL/PART 375 METALS	HEX CR	TCL/PART 375 PEST	TCL/PART 375 HERBS	TCL/PART 375 PCBs	TOTAL CYANIDE	Sample Specific Comments	Total # Bottles
35973-31	H9_2-4	6/25/24	1325	S	EL			H	H	H	H			HOLD	3
-32	H9_4-6	"	1330	S	EL			H	H	H	H			HOLD	3
-33	MB_06252024	"	1135	W	EL			X	X	X	X				6
-34	DUP_06252024	"	1200	S	EL			X	X	X	X				3
-35	TB_06252024	6/20/24	—	W	EL	X									2

Container Type	E	A	A	A	A	A	A	A	
Preservative	A	A	A	A	A	A	A	A	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/25/24 1440	WAFI (Pace)	6/25/24 16:50
WAFI (Pace)	6/25/24 19:42	Anthony Green	JUN 25 2024 0132
Anthony Green	6/26/24 0110		6/26/24 0110
	6/26/24 0310		6/26/24 0310

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2436258
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/28/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436258
Report Date: 06/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436258-01	C10_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 08:30	06/14/24
L2436258-02	C11_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 09:30	06/14/24
L2436258-03	D14_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 12:50	06/14/24
L2436258-04	D13_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 13:20	06/14/24
L2436258-05	D12_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 14:00	06/14/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436258
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436258
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2436258-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1939957 CCV recovery, associated with L2436258-02, -04 and -05, was above the acceptance criteria for thallium. Any associated samples with positive detections were re-analyzed under a passing CCV. The samples that were non-detect for this element are reporting results from the original analyses.

The WG1939869-3 MS recoveries for aluminum (332%), iron (0%), and manganese (0%), performed on L2436258-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1939869-4 Laboratory Duplicate RPDs for arsenic (35%), cobalt (38%), manganese (41%), and potassium (21%), performed on L2436258-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 06/28/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436258
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-01
Client ID: C10_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 08:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/24 19:57
Analyst: KB
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 18:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.342	1	A
Lindane	ND		ug/kg	0.728	0.325	1	A
Alpha-BHC	ND		ug/kg	0.728	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.662	1	A
Heptachlor	ND		ug/kg	0.873	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.615	1	A
Heptachlor epoxide	ND		ug/kg	3.27	0.982	1	B
Endrin	ND		ug/kg	0.728	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.764	1	A
Endrin ketone	ND		ug/kg	1.75	0.450	1	A
Dieldrin	1.21		ug/kg	1.09	0.546	1	A
4,4'-DDE	4.46		ug/kg	1.75	0.404	1	B
4,4'-DDD	ND		ug/kg	1.75	0.623	1	A
4,4'-DDT	ND	IP	ug/kg	1.75	1.40	1	B
Endosulfan I	ND		ug/kg	1.75	0.413	1	A
Endosulfan II	ND		ug/kg	1.75	0.584	1	A
Endosulfan sulfate	ND		ug/kg	0.728	0.346	1	A
Methoxychlor	ND		ug/kg	3.27	1.02	1	A
Toxaphene	ND		ug/kg	32.7	9.17	1	A
cis-Chlordane	ND	IP	ug/kg	2.18	0.608	1	B
trans-Chlordane	0.673	JP	ug/kg	2.18	0.576	1	A
Chlordane	ND		ug/kg	14.6	5.78	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436258

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-01 Date Collected: 06/14/24 08:30

Client ID: C10_2-4 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436258
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-02
Client ID: C11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 09:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 10:18
Analyst: AKM
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 13:40
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.17	0.424	1	A
Lindane	ND		ug/kg	0.903	0.404	1	A
Alpha-BHC	ND		ug/kg	0.903	0.256	1	A
Beta-BHC	ND		ug/kg	2.17	0.821	1	A
Heptachlor	ND		ug/kg	1.08	0.486	1	A
Aldrin	ND		ug/kg	2.17	0.763	1	A
Heptachlor epoxide	ND		ug/kg	4.06	1.22	1	A
Endrin	ND		ug/kg	0.903	0.370	1	A
Endrin aldehyde	ND		ug/kg	2.71	0.948	1	A
Endrin ketone	ND		ug/kg	2.17	0.558	1	A
Dieldrin	ND		ug/kg	1.35	0.677	1	A
4,4'-DDE	5.11		ug/kg	2.17	0.501	1	B
4,4'-DDD	ND		ug/kg	2.17	0.773	1	A
4,4'-DDT	3.13		ug/kg	2.17	1.74	1	A
Endosulfan I	ND		ug/kg	2.17	0.512	1	A
Endosulfan II	ND		ug/kg	2.17	0.724	1	A
Endosulfan sulfate	ND		ug/kg	0.903	0.430	1	A
Methoxychlor	ND		ug/kg	4.06	1.26	1	A
Toxaphene	ND		ug/kg	40.6	11.4	1	A
cis-Chlordane	ND		ug/kg	2.71	0.755	1	A
trans-Chlordane	ND		ug/kg	2.71	0.715	1	A
Chlordane	ND		ug/kg	18.0	7.18	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436258

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-02 Date Collected: 06/14/24 09:30

Client ID: C11_2-4 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436258
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-03
Client ID: D14_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 12:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/24 20:08
Analyst: KB
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 18:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.378	1	A
Lindane	ND		ug/kg	0.804	0.359	1	A
Alpha-BHC	ND		ug/kg	0.804	0.228	1	A
Beta-BHC	ND		ug/kg	1.93	0.731	1	A
Heptachlor	ND		ug/kg	0.964	0.432	1	A
Aldrin	ND		ug/kg	1.93	0.679	1	A
Heptachlor epoxide	1.19	J	ug/kg	3.62	1.08	1	A
Endrin	ND		ug/kg	0.804	0.329	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.844	1	A
Endrin ketone	ND		ug/kg	1.93	0.496	1	A
Dieldrin	1.38		ug/kg	1.20	0.603	1	A
4,4'-DDE	0.470	J	ug/kg	1.93	0.446	1	B
4,4'-DDD	ND		ug/kg	1.93	0.688	1	A
4,4'-DDT	ND		ug/kg	1.93	1.55	1	A
Endosulfan I	ND		ug/kg	1.93	0.456	1	A
Endosulfan II	ND		ug/kg	1.93	0.644	1	A
Endosulfan sulfate	ND		ug/kg	0.804	0.382	1	A
Methoxychlor	ND		ug/kg	3.62	1.12	1	A
Toxaphene	ND		ug/kg	36.2	10.1	1	A
cis-Chlordane	ND	IP	ug/kg	2.41	0.672	1	B
trans-Chlordane	ND	IP	ug/kg	2.41	0.636	1	A
Chlordane	ND		ug/kg	16.1	6.39	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436258

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-03 Date Collected: 06/14/24 12:50

Client ID: D14_2-4 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436258
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-04
Client ID: D13_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 13:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/24 20:19
Analyst: KB
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 18:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.314	1	A
Lindane	ND		ug/kg	0.669	0.299	1	A
Alpha-BHC	ND		ug/kg	0.669	0.190	1	A
Beta-BHC	ND		ug/kg	1.60	0.609	1	A
Heptachlor	ND		ug/kg	0.803	0.360	1	A
Aldrin	ND		ug/kg	1.60	0.565	1	A
Heptachlor epoxide	ND		ug/kg	3.01	0.903	1	B
Endrin	ND		ug/kg	0.669	0.274	1	A
Endrin aldehyde	ND		ug/kg	2.01	0.702	1	A
Endrin ketone	ND		ug/kg	1.60	0.413	1	A
Dieldrin	ND		ug/kg	1.00	0.502	1	A
4,4'-DDE	ND		ug/kg	1.60	0.371	1	A
4,4'-DDD	ND		ug/kg	1.60	0.573	1	A
4,4'-DDT	ND		ug/kg	1.60	1.29	1	A
Endosulfan I	ND		ug/kg	1.60	0.379	1	A
Endosulfan II	ND		ug/kg	1.60	0.536	1	A
Endosulfan sulfate	ND		ug/kg	0.669	0.318	1	A
Methoxychlor	ND		ug/kg	3.01	0.936	1	A
Toxaphene	ND		ug/kg	30.1	8.43	1	A
cis-Chlordane	0.629	JIP	ug/kg	2.01	0.559	1	B
trans-Chlordane	0.566	JIP	ug/kg	2.01	0.530	1	B
Chlordane	ND		ug/kg	13.4	5.32	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436258

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-04 Date Collected: 06/14/24 13:20

Client ID: D13_2-4 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436258
Project Number: 3858.0004Y000
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-05
Client ID: D12_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 14:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/24 20:30
Analyst: KB
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 18:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.13	0.418	1	A
Lindane	ND		ug/kg	0.889	0.397	1	A
Alpha-BHC	ND		ug/kg	0.889	0.252	1	A
Beta-BHC	ND		ug/kg	2.13	0.809	1	A
Heptachlor	ND		ug/kg	1.07	0.478	1	A
Aldrin	ND		ug/kg	2.13	0.751	1	A
Heptachlor epoxide	8.14		ug/kg	4.00	1.20	1	B
Endrin	ND		ug/kg	0.889	0.364	1	A
Endrin aldehyde	ND		ug/kg	2.67	0.933	1	A
Endrin ketone	ND		ug/kg	2.13	0.549	1	A
Dieldrin	12.6		ug/kg	1.33	0.667	1	B
4,4'-DDE	26.3		ug/kg	2.13	0.493	1	B
4,4'-DDD	1.03	J	ug/kg	2.13	0.761	1	B
4,4'-DDT	5.43	IP	ug/kg	2.13	1.72	1	B
Endosulfan I	ND		ug/kg	2.13	0.504	1	A
Endosulfan II	ND		ug/kg	2.13	0.713	1	A
Endosulfan sulfate	ND		ug/kg	0.889	0.423	1	A
Methoxychlor	ND		ug/kg	4.00	1.24	1	A
Toxaphene	ND		ug/kg	40.0	11.2	1	A
cis-Chlordane	3.79	IP	ug/kg	2.67	0.743	1	B
trans-Chlordane	5.41	IP	ug/kg	2.67	0.704	1	A
Chlordane	ND		ug/kg	17.8	7.07	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436258

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-05 Date Collected: 06/14/24 14:00

Client ID: D12_2-4 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436258
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/27/24 19:23
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 06/26/24 18:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1939887-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.654	0.292	A
Alpha-BHC	ND		ug/kg	0.654	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.595	A
Heptachlor	ND		ug/kg	0.784	0.352	A
Aldrin	ND		ug/kg	1.57	0.552	A
Heptachlor epoxide	ND		ug/kg	2.94	0.882	A
Endrin	ND		ug/kg	0.654	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.686	A
Endrin ketone	ND		ug/kg	1.57	0.404	A
Dieldrin	ND		ug/kg	0.980	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.559	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.370	A
Endosulfan II	ND		ug/kg	1.57	0.524	A
Endosulfan sulfate	ND		ug/kg	0.654	0.311	A
Methoxychlor	ND		ug/kg	2.94	0.915	A
Toxaphene	ND		ug/kg	29.4	8.24	A
cis-Chlordane	ND		ug/kg	1.96	0.546	A
trans-Chlordane	ND		ug/kg	1.96	0.518	A
Chlordane	ND		ug/kg	13.1	5.20	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436258
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/27/24 19:23
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 06/26/24 18:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1939887-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	93		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436258

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1939887-2 WG1939887-3									
Delta-BHC	69		88		30-150	24		30	A
Lindane	66		82		30-150	22		30	A
Alpha-BHC	65		83		30-150	24		30	A
Beta-BHC	65		80		30-150	21		30	A
Heptachlor	65		81		30-150	22		30	A
Aldrin	63		79		30-150	23		30	A
Heptachlor epoxide	60		72		30-150	18		30	A
Endrin	71		86		30-150	19		30	A
Endrin aldehyde	61		73		30-150	18		30	A
Endrin ketone	73		87		30-150	18		30	A
Dieldrin	73		89		30-150	20		30	A
4,4'-DDE	64		78		30-150	20		30	A
4,4'-DDD	72		88		30-150	20		30	A
4,4'-DDT	72		87		30-150	19		30	A
Endosulfan I	64		79		30-150	21		30	A
Endosulfan II	71		85		30-150	18		30	A
Endosulfan sulfate	65		77		30-150	17		30	A
Methoxychlor	80		96		30-150	18		30	A
cis-Chlordane	60		73		30-150	20		30	A
trans-Chlordane	71		87		30-150	20		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436258

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1939887-2 WG1939887-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		71		30-150	A
Decachlorobiphenyl	66		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		81		30-150	B
Decachlorobiphenyl	76		87		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436258

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-01 Date Collected: 06/14/24 08:30

Client ID: C10_2-4 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15800		mg/kg	8.99	2.43	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.49	0.342	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.46		mg/kg	0.899	0.187	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Barium, Total	75.2		mg/kg	0.899	0.156	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.468		mg/kg	0.449	0.030	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.899	0.088	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Calcium, Total	635		mg/kg	8.99	3.15	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Chromium, Total	23.7		mg/kg	0.899	0.086	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Cobalt, Total	12.8		mg/kg	1.80	0.149	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Copper, Total	21.4		mg/kg	0.899	0.232	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Iron, Total	23200		mg/kg	4.49	0.812	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Lead, Total	8.82		mg/kg	4.49	0.241	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Magnesium, Total	4680		mg/kg	8.99	1.38	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Manganese, Total	519		mg/kg	0.899	0.143	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.080	0.052	1	06/27/24 02:22	06/27/24 16:48	EPA 7471B	1,7471B	JWN
Nickel, Total	16.7		mg/kg	2.25	0.218	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Potassium, Total	2020		mg/kg	225	12.9	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.80	0.232	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.449	0.254	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Sodium, Total	45.6	J	mg/kg	180	2.83	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.80	0.283	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Vanadium, Total	34.5		mg/kg	0.899	0.182	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL
Zinc, Total	41.8		mg/kg	4.49	0.263	2	06/27/24 01:35	06/27/24 09:17	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2436258
Project Number: 3858.0004Y000
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-02
Client ID: C11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/14/24 09:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17200		mg/kg	10.9	2.93	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	5.43	0.413	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Arsenic, Total	5.65		mg/kg	1.09	0.226	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Barium, Total	65.0		mg/kg	1.09	0.189	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.359	J	mg/kg	0.543	0.036	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	1.09	0.106	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Calcium, Total	358		mg/kg	10.9	3.80	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Chromium, Total	18.6		mg/kg	1.09	0.104	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Cobalt, Total	8.92		mg/kg	2.17	0.180	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Copper, Total	12.1		mg/kg	1.09	0.280	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Iron, Total	17500		mg/kg	5.43	0.981	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Lead, Total	12.4		mg/kg	5.43	0.291	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Magnesium, Total	3270		mg/kg	10.9	1.67	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Manganese, Total	390		mg/kg	1.09	0.173	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Mercury, Total	0.693		mg/kg	0.10	0.065	1	06/27/24 02:22	06/27/24 17:37	EPA 7471B	1,7471B	JWN
Nickel, Total	13.3		mg/kg	2.72	0.263	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Potassium, Total	606		mg/kg	272	15.6	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	2.17	0.280	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.543	0.308	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Sodium, Total	23.6	J	mg/kg	217	3.42	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	2.17	0.342	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Vanadium, Total	31.0		mg/kg	1.09	0.221	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC
Zinc, Total	49.4		mg/kg	5.43	0.318	2	06/27/24 01:35	06/27/24 22:42	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436258

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-04 Date Collected: 06/14/24 13:20

Client ID: D13_2-4 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13400		mg/kg	8.44	2.28	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.22	0.321	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Arsenic, Total	1.62		mg/kg	0.844	0.176	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Barium, Total	64.5		mg/kg	0.844	0.147	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.217	J	mg/kg	0.422	0.028	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.083	J	mg/kg	0.844	0.083	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Calcium, Total	856		mg/kg	8.44	2.95	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Chromium, Total	18.0		mg/kg	0.844	0.081	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Cobalt, Total	9.30		mg/kg	1.69	0.140	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Copper, Total	14.4		mg/kg	0.844	0.218	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Iron, Total	16300		mg/kg	4.22	0.762	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Lead, Total	5.82		mg/kg	4.22	0.226	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Magnesium, Total	3940		mg/kg	8.44	1.30	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Manganese, Total	330		mg/kg	0.844	0.134	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.073	0.047	1	06/27/24 02:22	06/27/24 17:41	EPA 7471B	1,7471B	JWN
Nickel, Total	18.8		mg/kg	2.11	0.204	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Potassium, Total	2120		mg/kg	211	12.2	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Selenium, Total	0.268	J	mg/kg	1.69	0.218	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.422	0.239	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Sodium, Total	41.4	J	mg/kg	169	2.66	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.69	0.266	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Vanadium, Total	24.4		mg/kg	0.844	0.171	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC
Zinc, Total	48.2		mg/kg	4.22	0.247	2	06/27/24 01:35	06/27/24 22:47	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436258

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-05 Date Collected: 06/14/24 14:00

Client ID: D12_2-4 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18300		mg/kg	11.0	2.96	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	5.48	0.416	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Arsenic, Total	12.3		mg/kg	1.10	0.228	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Barium, Total	119		mg/kg	1.10	0.191	2	06/27/24 01:35	06/28/24 12:03	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.657		mg/kg	0.548	0.036	2	06/27/24 01:35	06/28/24 12:03	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.229	J	mg/kg	1.10	0.107	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Calcium, Total	664		mg/kg	11.0	3.83	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Chromium, Total	22.6		mg/kg	1.10	0.105	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Cobalt, Total	10.1		mg/kg	2.19	0.182	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Copper, Total	13.3		mg/kg	1.10	0.283	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Iron, Total	18800		mg/kg	5.48	0.989	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Lead, Total	16.4		mg/kg	5.48	0.294	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Magnesium, Total	3680		mg/kg	11.0	1.69	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Manganese, Total	454		mg/kg	1.10	0.174	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Mercury, Total	0.075	J	mg/kg	0.091	0.060	1	06/27/24 02:22	06/27/24 17:44	EPA 7471B	1,7471B	JWN
Nickel, Total	15.7		mg/kg	2.74	0.265	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Potassium, Total	1050		mg/kg	274	15.8	2	06/27/24 01:35	06/28/24 12:03	EPA 3050B	1,6010D	CEY
Selenium, Total	0.602	J	mg/kg	2.19	0.283	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.548	0.310	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Sodium, Total	28.0	J	mg/kg	219	3.45	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	2.19	0.345	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC
Vanadium, Total	34.1		mg/kg	1.10	0.222	2	06/27/24 01:35	06/28/24 12:03	EPA 3050B	1,6010D	CEY
Zinc, Total	63.0		mg/kg	5.48	0.321	2	06/27/24 01:35	06/27/24 22:53	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436258

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04-05 Batch: WG1939869-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Iron, Total	0.571	J	mg/kg	2.00	0.361	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04-05 Batch: WG1939870-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/27/24 02:22	06/27/24 16:41	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436258
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436258

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 Batch: WG1939869-2								
Aluminum, Total	111		-		80-120	-		
Antimony, Total	106		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	109		-		80-120	-		
Beryllium, Total	109		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	105		-		80-120	-		
Chromium, Total	108		-		80-120	-		
Cobalt, Total	103		-		80-120	-		
Copper, Total	106		-		80-120	-		
Iron, Total	110		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	105		-		80-120	-		
Nickel, Total	100		-		80-120	-		
Potassium, Total	109		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	110		-		80-120	-		
Sodium, Total	106		-		80-120	-		
Thallium, Total	101		-		80-120	-		
Vanadium, Total	105		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436258

Report Date: 06/28/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 Batch: WG1939869-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 Batch: WG1939870-2					
Mercury, Total	97	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436258
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1939869-3 QC Sample: L2436258-01 Client ID: C10_2-4												
Aluminum, Total	15800	181	16400	**332**	Q	-	-		75-125	-		20
Antimony, Total	ND	45.2	41.5	92		-	-		75-125	-		20
Arsenic, Total	2.46	10.8	12.5	92		-	-		75-125	-		20
Barium, Total	75.2	181	253	98		-	-		75-125	-		20
Beryllium, Total	0.468	4.52	4.80	96		-	-		75-125	-		20
Cadmium, Total	ND	4.79	4.52	94		-	-		75-125	-		20
Calcium, Total	635	904	1480	93		-	-		75-125	-		20
Chromium, Total	23.7	18.1	39.7	88		-	-		75-125	-		20
Cobalt, Total	12.8	45.2	53.5	90		-	-		75-125	-		20
Copper, Total	21.4	22.6	44.3	101		-	-		75-125	-		20
Iron, Total	23200	90.4	21900	**0**	Q	-	-		75-125	-		20
Lead, Total	8.82	47.9	51.5	89		-	-		75-125	-		20
Magnesium, Total	4680	904	5770	120		-	-		75-125	-		20
Manganese, Total	519	45.2	399	**0**	Q	-	-		75-125	-		20
Nickel, Total	16.7	45.2	58.6	93		-	-		75-125	-		20
Potassium, Total	2020	904	2770	83		-	-		75-125	-		20
Selenium, Total	ND	10.8	8.88	82		-	-		75-125	-		20
Silver, Total	ND	4.52	4.44	98		-	-		75-125	-		20
Sodium, Total	45.6J	904	912	101		-	-		75-125	-		20
Thallium, Total	ND	10.8	9.25	85		-	-		75-125	-		20
Vanadium, Total	34.5	45.2	74.8	89		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436258
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1939869-3 QC Sample: L2436258-01 Client ID: C10_2-4									
Zinc, Total	41.8	45.2	86.0	98	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1939870-3 QC Sample: L2436258-01 Client ID: C10_2-4									
Mercury, Total	ND	1.59	1.60	101	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436258
Report Date: 06/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1939869-4 QC Sample: L2436258-01 Client ID: C10_2-4						
Aluminum, Total	15800	16200	mg/kg	3		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.46	1.72	mg/kg	**35**	Q	20
Barium, Total	75.2	73.0	mg/kg	3		20
Beryllium, Total	0.468	0.445	mg/kg	5		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	635	632	mg/kg	0		20
Chromium, Total	23.7	21.6	mg/kg	9		20
Cobalt, Total	12.8	8.74	mg/kg	**38**	Q	20
Copper, Total	21.4	21.0	mg/kg	2		20
Iron, Total	23200	20700	mg/kg	11		20
Lead, Total	8.82	7.42	mg/kg	17		20
Magnesium, Total	4680	4460	mg/kg	5		20
Manganese, Total	519	342	mg/kg	**41**	Q	20
Nickel, Total	16.7	15.0	mg/kg	11		20
Potassium, Total	2020	1630	mg/kg	**21**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	45.6J	43.6J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436258

Report Date: 06/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1939869-4 QC Sample: L2436258-01 Client ID: C10_2-4					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	34.5	29.5	mg/kg	16	20
Zinc, Total	41.8	40.5	mg/kg	3	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1939870-4 QC Sample: L2436258-01 Client ID: C10_2-4					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2436258
Report Date: 06/28/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1939869-6 QC Sample: L2436258-01 Client ID: C10_2-4						
Aluminum, Total	15800	17300	mg/kg	9		20
Barium, Total	75.2	83.0	mg/kg	10		20
Calcium, Total	635	713	mg/kg	12		20
Chromium, Total	23.7	26.5	mg/kg	12		20
Iron, Total	23200	27500	mg/kg	19		20
Magnesium, Total	4680	5270	mg/kg	13		20
Manganese, Total	519	586	mg/kg	13		20
Vanadium, Total	34.5	38.3	mg/kg	11		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436258
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-01
Client ID: C10_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 08:30
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	06/26/24 22:22	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436258
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-02
Client ID: C11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 09:30
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.1		%	0.100	NA	1	-	06/26/24 22:22	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436258
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-03
Client ID: D14_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 12:50
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	06/26/24 22:22	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436258
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-04
Client ID: D13_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 13:20
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	06/26/24 22:22	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436258
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436258-05
Client ID: D12_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 14:00
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.7		%	0.100	NA	1	-	06/26/24 22:22	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436258

Report Date: 06/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1939947-1 QC Sample: L2433393-03 Client ID: DUP Sample						
Solids, Total	58.9	65.5	%	11		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436258
Report Date: 06/28/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436258-01A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2436258-01B	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		TS(7),NYTCL-8081(14)
L2436258-02A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2436258-02B	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		TS(7),NYTCL-8081(14)
L2436258-03B	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		TS(7),NYTCL-8081(14)
L2436258-04A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2436258-04B	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		TS(7),NYTCL-8081(14)
L2436258-05A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2436258-05B	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436258
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436258
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436258
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436258
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2436258 ASIC 6/26/24

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL 508-898-9220
FAX 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL 508-822-9300
FAX 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab 06/15/24

ALPHA Job # L2455186

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 SVOCs + 10 TICs, Total Solids	BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
55256-01	C10_0-0.2	6/14/24	820	SO	JR	X			X	X	X	X				3
-02	C10_0.2-2		825	SO	JR		X	X	X	X	X	X	X	X		7
-01 -03	C10_2-4		830	SO	JR				H	H	H	H		X	TAL NYTCL-8081, HOLD TS	3
-04	C10_4-6		835	SO	JR				H	H	H	H			HOLD	3
-05	DUP_06142024		1200	SO	JR				X	X	X	X				3
-06	FB_06142024		900	FB	JR				X	X	X	X				3
-07	C11_0-0.2		920	SO	JR				X	X	X	X				
-08	C11_0.2-2		925	SO	JR				X	X	X	X			MS/MSD	9
-02 -09	C11_2-4		930	SO	JR	X	X	X	X	X	X	X	X	X		7
-10	C11_4-6		935	SO	JR				H	H	H	H		X	TAL NYTCL-8081, HOLD TS	3
									H	H	H	H			HOLD	3
Container Type						E	A	A	A	A	A	A	A	A		
Preservative						A	A	A	A	A	A	A	A	A		

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	6/14/24 1445	PACE	6/14/24 15:05
PACE	6/14/24 17:25		6/14/24 18:15
	6/14/24	GLP	6/15 2200
	6/15 1000		6/15/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS

Form No: 01-25 (rev. 30-Sept-2013)

L2476258 AJK 6/24/24

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 4

Date Rec'd in Lab: 06/15/24

ALPHA Job #: [redacted]

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	# of Bottles
[redacted]	D14_0.2-2	6/14/24	1245	So	JR	X	X	X	X	X	X	X	X		7
-03	D14_2-4		1250	So	JR			X	X	H	H		X	HOLD NYTCL-3081, TS	3
-03	D14_4-6		1255	So	JR			X	X	H	H			HOLD	3
-24	D13_0-0.2		1310	So	JR			X	X	X	X	X	X		3
-25	D13_0.2-2		1315	So	JR	X	X	X	X	X	X	X	X		7
-04 -26	D13_2-4		1320	So	JR			X	X	H	H		X	TAL HOLD NYTCL-3081, TS	3
-27	D13_4-6		1325	So	JR			X	X	H	H			HOLD	3
-28	D12_0-0.2		1350	So	JR			X	X	X	X	X	X		3
-29	D12_0.2-2		1355	So	JR	X	X	X	X	X	X	X	X		7
-05 -30	D12_2-4		1400	So	JR			X	X	H	H		X	TAL HOLD NYTCL-3081, TS	3

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	6/14/24 1445	PACE	6/14/24 15:06
PACE	6/14/24 1725		6/14/24 18:45
	6/14/24 2045		6/14 2045
	6/15 100		6/15/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2436281
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/05/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436281-01	H8_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 08:20	06/26/24
L2436281-02	H8_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 08:25	06/26/24
L2436281-03	H8_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 08:30	06/26/24
L2436281-04	H8_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 08:35	06/26/24
L2436281-05	H7_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 08:55	06/26/24
L2436281-06	H7_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 09:00	06/26/24
L2436281-07	H7_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 09:05	06/26/24
L2436281-08	H7_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 09:10	06/26/24
L2436281-09	H6_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 09:30	06/26/24
L2436281-10	H6_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 09:35	06/26/24
L2436281-11	H6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 09:40	06/26/24
L2436281-12	H6_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 09:45	06/26/24
L2436281-13	H5_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 09:55	06/26/24
L2436281-14	H5_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 10:00	06/26/24
L2436281-15	H5_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 10:05	06/26/24
L2436281-16	H5_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 10:10	06/26/24
L2436281-17	H4_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 10:25	06/26/24
L2436281-18	H4_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 10:30	06/26/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436281-19	H4_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 10:35	06/26/24
L2436281-20	H4_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 10:40	06/26/24
L2436281-21	H3_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 11:20	06/26/24
L2436281-22	H3_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 11:25	06/26/24
L2436281-23	H3_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 11:30	06/26/24
L2436281-24	H3_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 11:35	06/26/24
L2436281-25	H2_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 11:50	06/26/24
L2436281-26	H2_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 11:55	06/26/24
L2436281-27	H2_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 12:05	06/26/24
L2436281-28	H2_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 12:10	06/26/24
L2436281-29	H1_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 12:50	06/26/24
L2436281-30	H1_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 12:55	06/26/24
L2436281-31	I2_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 13:30	06/26/24
L2436281-32	I2_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 13:35	06/26/24
L2436281-33	I2_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 13:40	06/26/24
L2436281-34	I2_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 13:45	06/26/24
L2436281-35	FB_06262024	FIELD BLANK	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 10:15	06/26/24
L2436281-36	DUP_06262024	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 12:00	06/26/24
L2436281-37	TB_06262024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 00:00	06/26/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436281
Project Number:	3858.0004Y000	**Report Date:**	07/05/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281
Project Number: 3858.0004Y000 **Report Date:** 07/05/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2436281-37: Headspace was noted in the sample container utilized for analysis.

The WG1941682-6/-7 MS/MSD recoveries, performed on L2436281-02, are below the acceptance criteria for vinyl acetate (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limits.

Total Metals

L2436281-01, -02, -05, -06, -09, -10, -13, -14, -21, -22, -25, -26, -29, -30, -31, -32, and -36: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2436281-17 and -18: The sample has elevated detection limit for all elements due to the dilution required by the sample matrix.

The WG1941918-3/-4 MS/MSD recoveries for aluminum (253%/796%) and iron (0%/0%), performed on L2436281-02, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1941918-4 MS recoveries, performed on L2436281-02, are outside the acceptance criteria for arsenic (158%) and lead (149%). Post digestion spikes were performed and were within acceptance criteria. The WG1941918-3/-4 MS/MSD RPDs for arsenic (21%) and lead (23%), performed on L2436281-02, are above the acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 07/05/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-02
Client ID: H8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 08:25
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 12:53
Analyst: JIC
Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.5	3.9	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.25	1
Chloroform	ND		ug/kg	2.6	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.39	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.46	1
Tetrachloroethene	ND		ug/kg	0.85	0.33	1
Chlorobenzene	ND		ug/kg	0.85	0.22	1
Trichlorofluoromethane	ND		ug/kg	6.8	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.44	1
1,1,1-Trichloroethane	ND		ug/kg	0.85	0.28	1
Bromodichloromethane	ND		ug/kg	0.85	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.47	1
cis-1,3-Dichloropropene	ND		ug/kg	0.85	0.27	1
1,3-Dichloropropene, Total	ND		ug/kg	0.85	0.27	1
1,1-Dichloropropene	ND		ug/kg	0.85	0.27	1
Bromoform	ND		ug/kg	6.8	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.85	0.28	1
Benzene	ND		ug/kg	0.85	0.28	1
Toluene	1.5	J	ug/kg	1.7	0.93	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.8	1.6	1
Bromomethane	ND		ug/kg	3.4	0.99	1
Vinyl chloride	ND		ug/kg	1.7	0.57	1
Chloroethane	ND		ug/kg	3.4	0.77	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.41	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.23	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-02 Date Collected: 06/26/24 08:25

Client ID: H8_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.85	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.29	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.34	1
p/m-Xylene	ND		ug/kg	3.4	0.96	1
o-Xylene	ND		ug/kg	1.7	0.50	1
Xylenes, Total	ND		ug/kg	1.7	0.50	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.23	1
Dibromomethane	ND		ug/kg	3.4	0.41	1
Styrene	ND		ug/kg	1.7	0.33	1
Dichlorodifluoromethane	ND		ug/kg	17	1.6	1
Acetone	ND		ug/kg	17	8.2	1
Carbon disulfide	ND		ug/kg	17	7.8	1
2-Butanone	ND		ug/kg	17	3.8	1
Vinyl acetate	ND		ug/kg	17	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	3.4	0.22	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.35	1
2,2-Dichloropropane	ND		ug/kg	3.4	0.34	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.48	1
1,3-Dichloropropane	ND		ug/kg	3.4	0.28	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.85	0.22	1
Bromobenzene	ND		ug/kg	3.4	0.25	1
n-Butylbenzene	ND		ug/kg	1.7	0.28	1
sec-Butylbenzene	ND		ug/kg	1.7	0.25	1
tert-Butylbenzene	ND		ug/kg	3.4	0.20	1
o-Chlorotoluene	ND		ug/kg	3.4	0.33	1
p-Chlorotoluene	ND		ug/kg	3.4	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	1.7	1
Hexachlorobutadiene	ND		ug/kg	6.8	0.29	1
Isopropylbenzene	ND		ug/kg	1.7	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.19	1
Naphthalene	ND		ug/kg	6.8	1.1	1
Acrylonitrile	ND		ug/kg	6.8	2.0	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-02 Date Collected: 06/26/24 08:25

Client ID: H8_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.7	0.29	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.55	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.46	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.4	0.33	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.4	0.57	1
1,4-Dioxane	ND		ug/kg	140	60.	1
p-Diethylbenzene	ND		ug/kg	3.4	0.30	1
p-Ethyltoluene	ND		ug/kg	3.4	0.66	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.4	0.33	1
Ethyl ether	ND		ug/kg	3.4	0.58	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.5	2.4	1
Tentatively Identified Compounds						
Total TIC Compounds	17.6	J	ug/kg			1
Unknown	17.6	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-06
Client ID: H7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 09:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 13:21
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.2	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.39	1
Tetrachloroethene	ND		ug/kg	0.72	0.28	1
Chlorobenzene	ND		ug/kg	0.72	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.8	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.72	0.24	1
Bromodichloromethane	ND		ug/kg	0.72	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.72	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.72	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.72	0.23	1
Bromoform	ND		ug/kg	5.8	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.72	0.24	1
Benzene	ND		ug/kg	0.72	0.24	1
Toluene	1.2	J	ug/kg	1.4	0.79	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.8	1.3	1
Bromomethane	ND		ug/kg	2.9	0.84	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.9	0.65	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-06 Date Collected: 06/26/24 09:00

Client ID: H7_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.72	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.81	1
o-Xylene	ND		ug/kg	1.4	0.42	1
Xylenes, Total	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	7.0	1
Carbon disulfide	ND		ug/kg	14	6.6	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.72	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.8	0.94	1
Acrylonitrile	ND		ug/kg	5.8	1.7	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-06 Date Collected: 06/26/24 09:00

Client ID: H7_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.48	1
1,4-Dioxane	ND		ug/kg	120	51.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.49	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.2	2.0	1
Tentatively Identified Compounds						
Total TIC Compounds	13.8	J	ug/kg			1
Unknown	13.8	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-10
Client ID: H6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 09:35
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 13:48
Analyst: JIC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.5	4.3	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.27	1
Chloroform	ND		ug/kg	2.8	0.26	1
Carbon tetrachloride	ND		ug/kg	1.9	0.44	1
1,2-Dichloropropane	ND		ug/kg	1.9	0.24	1
Dibromochloromethane	ND		ug/kg	1.9	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.50	1
Tetrachloroethene	ND		ug/kg	0.95	0.37	1
Chlorobenzene	ND		ug/kg	0.95	0.24	1
Trichlorofluoromethane	ND		ug/kg	7.6	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.9	0.49	1
1,1,1-Trichloroethane	ND		ug/kg	0.95	0.32	1
Bromodichloromethane	ND		ug/kg	0.95	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.9	0.52	1
cis-1,3-Dichloropropene	ND		ug/kg	0.95	0.30	1
1,3-Dichloropropene, Total	ND		ug/kg	0.95	0.30	1
1,1-Dichloropropene	ND		ug/kg	0.95	0.30	1
Bromoform	ND		ug/kg	7.6	0.46	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.95	0.31	1
Benzene	ND		ug/kg	0.95	0.31	1
Toluene	2.1		ug/kg	1.9	1.0	1
Ethylbenzene	ND		ug/kg	1.9	0.27	1
Chloromethane	ND		ug/kg	7.6	1.8	1
Bromomethane	ND		ug/kg	3.8	1.1	1
Vinyl chloride	ND		ug/kg	1.9	0.63	1
Chloroethane	ND		ug/kg	3.8	0.86	1
1,1-Dichloroethene	ND		ug/kg	1.9	0.45	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	0.26	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-10 Date Collected: 06/26/24 09:35

Client ID: H6_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.95	0.26	1
1,2-Dichlorobenzene	ND		ug/kg	3.8	0.27	1
1,3-Dichlorobenzene	ND		ug/kg	3.8	0.28	1
1,4-Dichlorobenzene	ND		ug/kg	3.8	0.32	1
Methyl tert butyl ether	ND		ug/kg	3.8	0.38	1
p/m-Xylene	ND		ug/kg	3.8	1.0	1
o-Xylene	ND		ug/kg	1.9	0.55	1
Xylenes, Total	ND		ug/kg	1.9	0.55	1
cis-1,2-Dichloroethene	ND		ug/kg	1.9	0.33	1
1,2-Dichloroethene, Total	ND		ug/kg	1.9	0.26	1
Dibromomethane	ND		ug/kg	3.8	0.45	1
Styrene	ND		ug/kg	1.9	0.37	1
Dichlorodifluoromethane	ND		ug/kg	19	1.7	1
Acetone	ND		ug/kg	19	9.1	1
Carbon disulfide	ND		ug/kg	19	8.6	1
2-Butanone	ND		ug/kg	19	4.2	1
Vinyl acetate	ND		ug/kg	19	4.1	1
4-Methyl-2-pentanone	ND		ug/kg	19	2.4	1
1,2,3-Trichloropropane	ND		ug/kg	3.8	0.24	1
2-Hexanone	ND		ug/kg	19	2.2	1
Bromochloromethane	ND		ug/kg	3.8	0.39	1
2,2-Dichloropropane	ND		ug/kg	3.8	0.38	1
1,2-Dibromoethane	ND		ug/kg	1.9	0.53	1
1,3-Dichloropropane	ND		ug/kg	3.8	0.32	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.95	0.25	1
Bromobenzene	ND		ug/kg	3.8	0.27	1
n-Butylbenzene	ND		ug/kg	1.9	0.32	1
sec-Butylbenzene	ND		ug/kg	1.9	0.28	1
tert-Butylbenzene	ND		ug/kg	3.8	0.22	1
o-Chlorotoluene	ND		ug/kg	3.8	0.36	1
p-Chlorotoluene	ND		ug/kg	3.8	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	1.9	1
Hexachlorobutadiene	ND		ug/kg	7.6	0.32	1
Isopropylbenzene	ND		ug/kg	1.9	0.21	1
p-Isopropyltoluene	ND		ug/kg	1.9	0.21	1
Naphthalene	ND		ug/kg	7.6	1.2	1
Acrylonitrile	ND		ug/kg	7.6	2.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-10 Date Collected: 06/26/24 09:35

Client ID: H6_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.9	0.32	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.8	0.61	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.8	0.51	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.8	0.36	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.8	0.63	1
1,4-Dioxane	ND		ug/kg	150	66.	1
p-Diethylbenzene	ND		ug/kg	3.8	0.33	1
p-Ethyltoluene	ND		ug/kg	3.8	0.73	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.8	0.36	1
Ethyl ether	ND		ug/kg	3.8	0.64	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.5	2.7	1
Tentatively Identified Compounds						
Total TIC Compounds	20.4	J	ug/kg			1
Unknown	20.4	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-14
Client ID: H5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 10:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 14:15
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.4	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.39	1
Tetrachloroethene	ND		ug/kg	0.74	0.29	1
Chlorobenzene	ND		ug/kg	0.74	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.9	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	0.25	1
Bromodichloromethane	ND		ug/kg	0.74	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.74	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.74	0.24	1
Bromoform	ND		ug/kg	5.9	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.24	1
Benzene	ND		ug/kg	0.74	0.24	1
Toluene	1.2	J	ug/kg	1.5	0.80	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	5.9	1.4	1
Bromomethane	ND		ug/kg	3.0	0.86	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.67	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-14 Date Collected: 06/26/24 10:00

Client ID: H5_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.74	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.25	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.83	1
o-Xylene	ND		ug/kg	1.5	0.43	1
Xylenes, Total	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	3.0	0.35	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	7.6	J	ug/kg	15	7.1	1
Carbon disulfide	ND		ug/kg	15	6.7	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.7	1
Bromochloromethane	ND		ug/kg	3.0	0.30	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.74	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.21	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.17	1
o-Chlorotoluene	ND		ug/kg	3.0	0.28	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.5	1
Hexachlorobutadiene	ND		ug/kg	5.9	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	5.9	0.96	1
Acrylonitrile	ND		ug/kg	5.9	1.7	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-14 Date Collected: 06/26/24 10:00

Client ID: H5_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.49	1
1,4-Dioxane	ND		ug/kg	120	52.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.26	1
p-Ethyltoluene	ND		ug/kg	3.0	0.57	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.28	1
Ethyl ether	ND		ug/kg	3.0	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.4	2.1	1
Tentatively Identified Compounds						
Total TIC Compounds	14.7	J	ug/kg			1
Unknown	14.7	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-18
Client ID: H4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 10:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 14:42
Analyst: LAC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.8	4.0	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.6	0.25	1
Carbon tetrachloride	ND		ug/kg	1.8	0.41	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.22	1
Dibromochloromethane	ND		ug/kg	1.8	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.47	1
Tetrachloroethene	ND		ug/kg	0.88	0.35	1
Chlorobenzene	ND		ug/kg	0.88	0.22	1
Trichlorofluoromethane	ND		ug/kg	7.1	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.45	1
1,1,1-Trichloroethane	ND		ug/kg	0.88	0.30	1
Bromodichloromethane	ND		ug/kg	0.88	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.48	1
cis-1,3-Dichloropropene	ND		ug/kg	0.88	0.28	1
1,3-Dichloropropene, Total	ND		ug/kg	0.88	0.28	1
1,1-Dichloropropene	ND		ug/kg	0.88	0.28	1
Bromoform	ND		ug/kg	7.1	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.88	0.29	1
Benzene	ND		ug/kg	0.88	0.29	1
Toluene	2.3		ug/kg	1.8	0.96	1
Ethylbenzene	ND		ug/kg	1.8	0.25	1
Chloromethane	ND		ug/kg	7.1	1.6	1
Bromomethane	ND		ug/kg	3.5	1.0	1
Vinyl chloride	ND		ug/kg	1.8	0.59	1
Chloroethane	ND		ug/kg	3.5	0.80	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.42	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.24	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-18 Date Collected: 06/26/24 10:30

Client ID: H4_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.88	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.5	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	3.5	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	3.5	0.30	1
Methyl tert butyl ether	ND		ug/kg	3.5	0.36	1
p/m-Xylene	ND		ug/kg	3.5	0.99	1
o-Xylene	ND		ug/kg	1.8	0.51	1
Xylenes, Total	ND		ug/kg	1.8	0.51	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.31	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.24	1
Dibromomethane	ND		ug/kg	3.5	0.42	1
Styrene	ND		ug/kg	1.8	0.35	1
Dichlorodifluoromethane	ND		ug/kg	18	1.6	1
Acetone	ND		ug/kg	18	8.5	1
Carbon disulfide	ND		ug/kg	18	8.0	1
2-Butanone	ND		ug/kg	18	3.9	1
Vinyl acetate	ND		ug/kg	18	3.8	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	3.5	0.22	1
2-Hexanone	ND		ug/kg	18	2.1	1
Bromochloromethane	ND		ug/kg	3.5	0.36	1
2,2-Dichloropropane	ND		ug/kg	3.5	0.36	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.49	1
1,3-Dichloropropane	ND		ug/kg	3.5	0.30	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.88	0.23	1
Bromobenzene	ND		ug/kg	3.5	0.26	1
n-Butylbenzene	ND		ug/kg	1.8	0.30	1
sec-Butylbenzene	ND		ug/kg	1.8	0.26	1
tert-Butylbenzene	ND		ug/kg	3.5	0.21	1
o-Chlorotoluene	ND		ug/kg	3.5	0.34	1
p-Chlorotoluene	ND		ug/kg	3.5	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.1	0.30	1
Isopropylbenzene	ND		ug/kg	1.8	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.19	1
Naphthalene	ND		ug/kg	7.1	1.2	1
Acrylonitrile	ND		ug/kg	7.1	2.0	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-18 Date Collected: 06/26/24 10:30

Client ID: H4_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.8	0.30	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.5	0.57	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.5	0.48	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.5	0.34	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.5	0.59	1
1,4-Dioxane	ND		ug/kg	140	62.	1
p-Diethylbenzene	ND		ug/kg	3.5	0.31	1
p-Ethyltoluene	ND		ug/kg	3.5	0.68	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.5	0.34	1
Ethyl ether	ND		ug/kg	3.5	0.60	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.8	2.5	1
Tentatively Identified Compounds						
Total TIC Compounds	17.8	J	ug/kg			1
Unknown	17.8	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-22
Client ID: H3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 11:25
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 15:09
Analyst: LAC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.4	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.74	0.29	1
Chlorobenzene	ND		ug/kg	0.74	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.0	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	0.25	1
Bromodichloromethane	ND		ug/kg	0.74	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.74	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.74	0.24	1
Bromoform	ND		ug/kg	6.0	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.25	1
Benzene	ND		ug/kg	0.74	0.25	1
Toluene	1.1	J	ug/kg	1.5	0.81	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.0	1.4	1
Bromomethane	ND		ug/kg	3.0	0.87	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.67	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-22 Date Collected: 06/26/24 11:25

Client ID: H3_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.74	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.84	1
o-Xylene	ND		ug/kg	1.5	0.43	1
Xylenes, Total	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	3.0	0.36	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.2	1
Carbon disulfide	ND		ug/kg	15	6.8	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.30	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.74	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.28	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	6.0	0.97	1
Acrylonitrile	ND		ug/kg	6.0	1.7	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-22 Date Collected: 06/26/24 11:25

Client ID: H3_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.50	1
1,4-Dioxane	ND		ug/kg	120	52.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.26	1
p-Ethyltoluene	ND		ug/kg	3.0	0.57	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.28	1
Ethyl ether	ND		ug/kg	3.0	0.51	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.4	2.1	1
Tentatively Identified Compounds						
Total TIC Compounds	15.8	J	ug/kg			1
Unknown	15.8	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-26
Client ID: H2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 11:55
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 15:36
Analyst: LAC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	1.0	J	ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-26 Date Collected: 06/26/24 11:55

Client ID: H2_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-26 Date Collected: 06/26/24 11:55

Client ID: H2_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1
Tentatively Identified Compounds						
Total TIC Compounds	11.9	J	ug/kg			1
Unknown	11.9	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-30
Client ID: H1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 12:55
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 16:03
Analyst: LAC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.6	4.0	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.25	1
Chloroform	ND		ug/kg	2.6	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.40	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.22	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.46	1
Tetrachloroethene	ND		ug/kg	0.86	0.34	1
Chlorobenzene	ND		ug/kg	0.86	0.22	1
Trichlorofluoromethane	ND		ug/kg	6.9	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.44	1
1,1,1-Trichloroethane	ND		ug/kg	0.86	0.29	1
Bromodichloromethane	ND		ug/kg	0.86	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.47	1
cis-1,3-Dichloropropene	ND		ug/kg	0.86	0.27	1
1,3-Dichloropropene, Total	ND		ug/kg	0.86	0.27	1
1,1-Dichloropropene	ND		ug/kg	0.86	0.27	1
Bromoform	ND		ug/kg	6.9	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.86	0.29	1
Benzene	ND		ug/kg	0.86	0.29	1
Toluene	1.5	J	ug/kg	1.7	0.94	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.9	1.6	1
Bromomethane	ND		ug/kg	3.4	1.0	1
Vinyl chloride	ND		ug/kg	1.7	0.58	1
Chloroethane	ND		ug/kg	3.4	0.78	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.41	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.24	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-30 Date Collected: 06/26/24 12:55

Client ID: H1_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.86	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.30	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.35	1
p/m-Xylene	ND		ug/kg	3.4	0.97	1
o-Xylene	ND		ug/kg	1.7	0.50	1
Xylenes, Total	ND		ug/kg	1.7	0.50	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.24	1
Dibromomethane	ND		ug/kg	3.4	0.41	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	17	1.6	1
Acetone	10	J	ug/kg	17	8.3	1
Carbon disulfide	ND		ug/kg	17	7.9	1
2-Butanone	ND		ug/kg	17	3.8	1
Vinyl acetate	ND		ug/kg	17	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	3.4	0.22	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.35	1
2,2-Dichloropropane	ND		ug/kg	3.4	0.35	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.48	1
1,3-Dichloropropane	ND		ug/kg	3.4	0.29	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.86	0.23	1
Bromobenzene	ND		ug/kg	3.4	0.25	1
n-Butylbenzene	ND		ug/kg	1.7	0.29	1
sec-Butylbenzene	ND		ug/kg	1.7	0.25	1
tert-Butylbenzene	ND		ug/kg	3.4	0.20	1
o-Chlorotoluene	ND		ug/kg	3.4	0.33	1
p-Chlorotoluene	ND		ug/kg	3.4	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	1.7	1
Hexachlorobutadiene	ND		ug/kg	6.9	0.29	1
Isopropylbenzene	ND		ug/kg	1.7	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.19	1
Naphthalene	ND		ug/kg	6.9	1.1	1
Acrylonitrile	ND		ug/kg	6.9	2.0	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-30 Date Collected: 06/26/24 12:55

Client ID: H1_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.7	0.30	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.56	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.47	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.4	0.33	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.4	0.58	1
1,4-Dioxane	ND		ug/kg	140	61.	1
p-Diethylbenzene	ND		ug/kg	3.4	0.31	1
p-Ethyltoluene	ND		ug/kg	3.4	0.66	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.4	0.33	1
Ethyl ether	ND		ug/kg	3.4	0.59	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.6	2.4	1
Tentatively Identified Compounds						
Total TIC Compounds	27.2	J	ug/kg			1
Unknown Alkane	3.73	J	ug/kg			1
Unknown	19.9	J	ug/kg			1
Unknown Alkane	3.61	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-32
Client ID: I2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 13:35
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 16:30
Analyst: LAC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.26	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.22	1
Benzene	ND		ug/kg	0.68	0.22	1
Toluene	1.8		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-32 Date Collected: 06/26/24 13:35

Client ID: I2_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.39	1
Xylenes, Total	ND		ug/kg	1.4	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.26	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.5	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-32 Date Collected: 06/26/24 13:35

Client ID: I2_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1
Tentatively Identified Compounds						
Total TIC Compounds	13.9	J	ug/kg			1
Unknown	13.9	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-36
Client ID: DUP_06262024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 16:57
Analyst: LAC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	11	5.0	1
1,1-Dichloroethane	ND		ug/kg	2.2	0.32	1
Chloroform	ND		ug/kg	3.3	0.30	1
Carbon tetrachloride	ND		ug/kg	2.2	0.50	1
1,2-Dichloropropane	ND		ug/kg	2.2	0.27	1
Dibromochloromethane	ND		ug/kg	2.2	0.30	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.58	1
Tetrachloroethene	ND		ug/kg	1.1	0.43	1
Chlorobenzene	ND		ug/kg	1.1	0.28	1
Trichlorofluoromethane	ND		ug/kg	8.7	1.5	1
1,2-Dichloroethane	ND		ug/kg	2.2	0.56	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.36	1
Bromodichloromethane	ND		ug/kg	1.1	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	2.2	0.59	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.34	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.34	1
1,1-Dichloropropene	ND		ug/kg	1.1	0.34	1
Bromoform	ND		ug/kg	8.7	0.54	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Benzene	ND		ug/kg	1.1	0.36	1
Toluene	2.3		ug/kg	2.2	1.2	1
Ethylbenzene	ND		ug/kg	2.2	0.31	1
Chloromethane	ND		ug/kg	8.7	2.0	1
Bromomethane	ND		ug/kg	4.4	1.3	1
Vinyl chloride	ND		ug/kg	2.2	0.73	1
Chloroethane	ND		ug/kg	4.4	0.98	1
1,1-Dichloroethene	ND		ug/kg	2.2	0.52	1
trans-1,2-Dichloroethene	ND		ug/kg	3.3	0.30	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-36 Date Collected: 06/26/24 12:00

Client ID: DUP_06262024 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	1.1	0.30	1
1,2-Dichlorobenzene	ND		ug/kg	4.4	0.31	1
1,3-Dichlorobenzene	ND		ug/kg	4.4	0.32	1
1,4-Dichlorobenzene	ND		ug/kg	4.4	0.37	1
Methyl tert butyl ether	ND		ug/kg	4.4	0.44	1
p/m-Xylene	ND		ug/kg	4.4	1.2	1
o-Xylene	ND		ug/kg	2.2	0.63	1
Xylenes, Total	ND		ug/kg	2.2	0.63	1
cis-1,2-Dichloroethene	ND		ug/kg	2.2	0.38	1
1,2-Dichloroethene, Total	ND		ug/kg	2.2	0.30	1
Dibromomethane	ND		ug/kg	4.4	0.52	1
Styrene	ND		ug/kg	2.2	0.43	1
Dichlorodifluoromethane	ND		ug/kg	22	2.0	1
Acetone	ND		ug/kg	22	10.	1
Carbon disulfide	ND		ug/kg	22	9.9	1
2-Butanone	ND		ug/kg	22	4.8	1
Vinyl acetate	ND		ug/kg	22	4.7	1
4-Methyl-2-pentanone	ND		ug/kg	22	2.8	1
1,2,3-Trichloropropane	ND		ug/kg	4.4	0.28	1
2-Hexanone	ND		ug/kg	22	2.6	1
Bromochloromethane	ND		ug/kg	4.4	0.44	1
2,2-Dichloropropane	ND		ug/kg	4.4	0.44	1
1,2-Dibromoethane	ND		ug/kg	2.2	0.61	1
1,3-Dichloropropane	ND		ug/kg	4.4	0.36	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.29	1
Bromobenzene	ND		ug/kg	4.4	0.32	1
n-Butylbenzene	ND		ug/kg	2.2	0.36	1
sec-Butylbenzene	ND		ug/kg	2.2	0.32	1
tert-Butylbenzene	ND		ug/kg	4.4	0.26	1
o-Chlorotoluene	ND		ug/kg	4.4	0.42	1
p-Chlorotoluene	ND		ug/kg	4.4	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.5	2.2	1
Hexachlorobutadiene	ND		ug/kg	8.7	0.37	1
Isopropylbenzene	ND		ug/kg	2.2	0.24	1
p-Isopropyltoluene	ND		ug/kg	2.2	0.24	1
Naphthalene	ND		ug/kg	8.7	1.4	1
Acrylonitrile	ND		ug/kg	8.7	2.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-36 Date Collected: 06/26/24 12:00

Client ID: DUP_06262024 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.2	0.37	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.4	0.70	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.4	0.59	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.4	0.42	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.4	0.73	1
1,4-Dioxane	ND		ug/kg	170	76.	1
p-Diethylbenzene	ND		ug/kg	4.4	0.38	1
p-Ethyltoluene	ND		ug/kg	4.4	0.84	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.4	0.42	1
Ethyl ether	ND		ug/kg	4.4	0.74	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	11	3.1	1
Tentatively Identified Compounds						
Total TIC Compounds	34.9	J	ug/kg			1
Unknown	22.8	J	ug/kg			1
Unknown Alkane	6.11	J	ug/kg			1
Unknown Alkane	5.94	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-37 Date Collected: 06/20/24 00:00

Client ID: TB_06262024 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Trip Blank (Aqueous)

Analytical Method: 1,8260D

Analytical Date: 06/28/24 02:39

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-37 Date Collected: 06/20/24 00:00

Client ID: TB_06262024 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-37 Date Collected: 06/20/24 00:00

Client ID: TB_06262024 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	117		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 19:19
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 37 Batch: WG1940734-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 19:19
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 37 Batch: WG1940734-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 19:19
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 37 Batch: WG1940734-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 19:19
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 37 Batch: WG1940734-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	114		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 11:32
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941682-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.70	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.6	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 11:32
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941682-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 11:32
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941682-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	13.3	J	ug/kg
Unknown	8.95	J	ug/kg
Unknown	4.36	J	ug/kg

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 11:32
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941682-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 37 Batch: WG1940734-3 WG1940734-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	93		97		70-130	4		20
Dibromochloromethane	90		91		63-130	1		20
1,1,2-Trichloroethane	88		92		70-130	4		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	96		100		70-130	4		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	97		100		67-130	3		20
trans-1,3-Dichloropropene	92		91		70-130	1		20
cis-1,3-Dichloropropene	97		99		70-130	2		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	85		89		54-136	5		20
1,1,2,2-Tetrachloroethane	83		89		67-130	7		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	97		98		64-130	1		20
Bromomethane	64		72		39-139	12		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 37 Batch: WG1940734-3 WG1940734-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	98		100		70-130	2		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	97		100		70-130	3		20
Methyl tert butyl ether	86		93		63-130	8		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	95		100		70-130	5		20
1,2,3-Trichloropropane	84		92		64-130	9		20
Acrylonitrile	86		93		70-130	8		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	120		130		36-147	8		20
Acetone	83		100		58-148	19		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	74		89		63-138	18		20
Vinyl acetate	84		86		70-130	2		20
4-Methyl-2-pentanone	74		85		59-130	14		20
2-Hexanone	66		80		57-130	19		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 37 Batch: WG1940734-3 WG1940734-4								
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	110		120		63-133	9		20
1,2-Dibromoethane	90		92		70-130	2		20
1,3-Dichloropropane	89		90		70-130	1		20
1,1,1,2-Tetrachloroethane	92		94		64-130	2		20
Bromobenzene	98		100		70-130	2		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	98		100		70-130	2		20
1,2-Dibromo-3-chloropropane	82		91		41-144	10		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	86		91		70-130	6		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	97		99		70-130	2		20
1,2,4-Trichlorobenzene	96		98		70-130	2		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	84		94		56-162	11		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 37 Batch: WG1940734-3 WG1940734-4								
p-Ethyltoluene	100		110		70-130	10		20
1,2,4,5-Tetramethylbenzene	94		98		70-130	4		20
Ethyl ether	92		100		59-134	8		20
trans-1,4-Dichloro-2-butene	77		77		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		101		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	100		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941682-3 WG1941682-4								
Methylene chloride	79		80		70-130	1		30
1,1-Dichloroethane	89		100		70-130	12		30
Chloroform	87		97		70-130	11		30
Carbon tetrachloride	83		95		70-130	13		30
1,2-Dichloropropane	86		99		70-130	14		30
Dibromochloromethane	88		96		70-130	9		30
1,1,2-Trichloroethane	98		107		70-130	9		30
Tetrachloroethene	82		97		70-130	17		30
Chlorobenzene	88		99		70-130	12		30
Trichlorofluoromethane	87		90		70-139	3		30
1,2-Dichloroethane	93		103		70-130	10		30
1,1,1-Trichloroethane	88		102		70-130	15		30
Bromodichloromethane	85		96		70-130	12		30
trans-1,3-Dichloropropene	98		110		70-130	12		30
cis-1,3-Dichloropropene	88		98		70-130	11		30
1,1-Dichloropropene	85		98		70-130	14		30
Bromoform	85		92		70-130	8		30
1,1,2,2-Tetrachloroethane	104		109		70-130	5		30
Benzene	87		99		70-130	13		30
Toluene	87		99		70-130	13		30
Ethylbenzene	90		105		70-130	15		30
Chloromethane	82		88		52-130	7		30
Bromomethane	73		75		57-147	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941682-3 WG1941682-4								
Vinyl chloride	90		95		67-130	5		30
Chloroethane	90		91		50-151	1		30
1,1-Dichloroethene	84		87		65-135	4		30
trans-1,2-Dichloroethene	90		93		70-130	3		30
Trichloroethene	86		102		70-130	17		30
1,2-Dichlorobenzene	89		99		70-130	11		30
1,3-Dichlorobenzene	89		99		70-130	11		30
1,4-Dichlorobenzene	89		99		70-130	11		30
Methyl tert butyl ether	96		116		66-130	19		30
p/m-Xylene	88		101		70-130	14		30
o-Xylene	86		98		70-130	13		30
cis-1,2-Dichloroethene	83		92		70-130	10		30
Dibromomethane	88		99		70-130	12		30
Styrene	88		101		70-130	14		30
Dichlorodifluoromethane	86		94		30-146	9		30
Acetone	103		103		54-140	0		30
Carbon disulfide	84		88		59-130	5		30
2-Butanone	104		113		70-130	8		30
Vinyl acetate	105		106		70-130	1		30
4-Methyl-2-pentanone	104		116		70-130	11		30
1,2,3-Trichloropropane	103		113		68-130	9		30
2-Hexanone	111		122		70-130	9		30
Bromochloromethane	80		87		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941682-3 WG1941682-4								
2,2-Dichloropropane	88		100		70-130	13		30
1,2-Dibromoethane	94		102		70-130	8		30
1,3-Dichloropropane	98		106		69-130	8		30
1,1,1,2-Tetrachloroethane	87		96		70-130	10		30
Bromobenzene	87		95		70-130	9		30
n-Butylbenzene	96		112		70-130	15		30
sec-Butylbenzene	92		106		70-130	14		30
tert-Butylbenzene	89		100		70-130	12		30
o-Chlorotoluene	96		109		70-130	13		30
p-Chlorotoluene	95		108		70-130	13		30
1,2-Dibromo-3-chloropropane	90		100		68-130	11		30
Hexachlorobutadiene	76		86		67-130	12		30
Isopropylbenzene	93		106		70-130	13		30
p-Isopropyltoluene	89		102		70-130	14		30
Naphthalene	94		104		70-130	10		30
Acrylonitrile	95		104		70-130	9		30
n-Propylbenzene	97		111		70-130	13		30
1,2,3-Trichlorobenzene	84		94		70-130	11		30
1,2,4-Trichlorobenzene	85		96		70-130	12		30
1,3,5-Trimethylbenzene	92		104		70-130	12		30
1,2,4-Trimethylbenzene	92		105		70-130	13		30
1,4-Dioxane	96		114		65-136	17		30
p-Diethylbenzene	90		105		70-130	15		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941682-3 WG1941682-4								
p-Ethyltoluene	94		107		70-130	13		30
1,2,4,5-Tetramethylbenzene	88		100		70-130	13		30
Ethyl ether	91		90		67-130	1		30
trans-1,4-Dichloro-2-butene	115		126		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		106		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	105		102		70-130
Dibromofluoromethane	93		92		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 QC Batch ID: WG1941682-6 WG1941682-7 QC Sample: L2436281-02 Client ID: H8_0.2-2												
Methylene chloride	ND	190	110	**57**	Q	100	**55**	Q	70-130	8		30
1,1-Dichloroethane	ND	190	200	103		180	99		70-130	8		30
Chloroform	ND	190	180	94		170	90		70-130	8		30
Carbon tetrachloride	ND	190	200	104		180	96		70-130	12		30
1,2-Dichloropropane	ND	190	170	91		160	87		70-130	8		30
Dibromochloromethane	ND	190	130	**68**	Q	130	70		70-130	1		30
1,1,2-Trichloroethane	ND	190	150	80		150	80		70-130	4		30
Tetrachloroethene	ND	190	170	87		130	**69**	Q	70-130	27		30
Chlorobenzene	ND	190	130	**69**	Q	110	**62**	Q	70-130	15		30
Trichlorofluoromethane	ND	190	150	77		140	74		70-139	9		30
1,2-Dichloroethane	ND	190	160	85		160	85		70-130	4		30
1,1,1-Trichloroethane	ND	190	210	110		190	104		70-130	10		30
Bromodichloromethane	ND	190	150	81		150	81		70-130	4		30
trans-1,3-Dichloropropene	ND	190	150	77		140	78		70-130	2		30
cis-1,3-Dichloropropene	ND	190	150	78		140	78		70-130	5		30
1,1-Dichloropropene	ND	190	200	106		180	96		70-130	14		30
Bromoform	ND	190	110	**56**	Q	110	**59**	Q	70-130	2		30
1,1,2,2-Tetrachloroethane	ND	190	130	**69**	Q	140	74		70-130	3		30
Benzene	ND	190	190	97		170	92		70-130	9		30
Toluene	1.5J	190	170	89		150	80		70-130	15		30
Ethylbenzene	ND	190	170	89		130	70		70-130	27		30
Chloromethane	ND	190	200	103		190	102		52-130	6		30
Bromomethane	ND	190	120	64		120	64		57-147	3		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 QC Batch ID: WG1941682-6 WG1941682-7 QC Sample: L2436281-02 Client ID: H8_0.2-2												
Vinyl chloride	ND	190	180	96		170	92		67-130	7		30
Chloroethane	ND	190	150	77		140	75		50-151	6		30
1,1-Dichloroethene	ND	190	140	71		120	68		65-135	9		30
trans-1,2-Dichloroethene	ND	190	130	70		120	**67**	Q	70-130	9		30
Trichloroethene	ND	190	180	93		150	83		70-130	15		30
1,2-Dichlorobenzene	ND	190	85	**45**	Q	73	**40**	Q	70-130	15		30
1,3-Dichlorobenzene	ND	190	92	**48**	Q	74	**40**	Q	70-130	21		30
1,4-Dichlorobenzene	ND	190	85	**45**	Q	69	**38**	Q	70-130	20		30
Methyl tert butyl ether	ND	190	140	71		130	71		66-130	4		30
p/m-Xylene	ND	381	300	80		230	**62**	Q	70-130	29		30
o-Xylene	ND	381	290	76		230	**62**	Q	70-130	25		30
cis-1,2-Dichloroethene	ND	190	170	87		160	86		70-130	6		30
Dibromomethane	ND	190	140	75		140	76		70-130	2		30
Styrene	ND	381	240	**64**	Q	200	**56**	Q	70-130	17		30
Dichlorodifluoromethane	ND	190	190	101		180	96		30-146	9		30
Acetone	ND	190	110	55		99	54		54-140	6		30
Carbon disulfide	ND	190	130	70		120	66		59-130	11		30
2-Butanone	ND	190	140	74		140	76		70-130	0		30
Vinyl acetate	ND	190	ND	**0**	Q	ND	**0**	Q	70-130	NC		30
4-Methyl-2-pentanone	ND	190	150	80		150	81		70-130	3		30
1,2,3-Trichloropropane	ND	190	140	71		130	71		68-130	4		30
2-Hexanone	ND	190	140	71		140	75		70-130	1		30
Bromochloromethane	ND	190	140	75		140	75		70-130	4		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 QC Batch ID: WG1941682-6 WG1941682-7 QC Sample: L2436281-02 Client ID: H8_0.2-2												
2,2-Dichloropropane	ND	190	220	113		190	105		70-130	11		30
1,2-Dibromoethane	ND	190	130	**69**	Q	130	72		70-130	0		30
1,3-Dichloropropane	ND	190	150	81		150	82		69-130	3		30
1,1,1,2-Tetrachloroethane	ND	190	150	76		130	71		70-130	11		30
Bromobenzene	ND	190	100	**55**	Q	92	**50**	Q	70-130	12		30
n-Butylbenzene	ND	190	140	74		73	**40**	Q	70-130	**64**	Q	30
sec-Butylbenzene	ND	190	160	86		97	**53**	Q	70-130	**52**	Q	30
tert-Butylbenzene	ND	190	160	85		110	**57**	Q	70-130	**43**	Q	30
o-Chlorotoluene	ND	190	140	72		100	**56**	Q	70-130	30		30
p-Chlorotoluene	ND	190	120	**64**	Q	91	**50**	Q	70-130	28		30
1,2-Dibromo-3-chloropropane	ND	190	92	**48**	Q	95	**52**	Q	68-130	3		30
Hexachlorobutadiene	ND	190	99	**52**	Q	46	**25**	Q	67-130	**73**	Q	30
Isopropylbenzene	ND	190	170	91		120	**67**	Q	70-130	**35**	Q	30
p-Isopropyltoluene	ND	190	140	76		82	**45**	Q	70-130	**55**	Q	30
Naphthalene	ND	190	49	**26**	Q	56	**31**	Q	70-130	14		30
Acrylonitrile	ND	190	140	71		140	74		70-130	0		30
n-Propylbenzene	ND	190	160	86		110	**58**	Q	70-130	**43**	Q	30
1,2,3-Trichlorobenzene	ND	190	45	**24**	Q	44	**24**	Q	70-130	4		30
1,2,4-Trichlorobenzene	ND	190	50	**26**	Q	44	**24**	Q	70-130	13		30
1,3,5-Trimethylbenzene	ND	190	150	76		97	**53**	Q	70-130	**40**	Q	30
1,2,4-Trimethylbenzene	ND	190	130	**68**	Q	90	**49**	Q	70-130	**37**	Q	30
1,4-Dioxane	ND	9530	7100	74		7400	80		65-136	3		30
p-Diethylbenzene	ND	190	130	**67**	Q	70	**38**	Q	70-130	**59**	Q	30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 QC Batch ID: WG1941682-6 WG1941682-7 QC Sample: L2436281-02 Client ID: H8_0.2-2												
p-Ethyltoluene	ND	190	150	78		95	**52**	Q	70-130	**43**	Q	30
1,2,4,5-Tetramethylbenzene	ND	190	94	**50**	Q	63	**34**	Q	70-130	**40**	Q	30
Ethyl ether	ND	190	110	**58**	Q	110	**57**	Q	67-130	5		30
trans-1,4-Dichloro-2-butene	ND	190	120	**63**	Q	130	70		70-130	7		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		107		70-130
4-Bromofluorobenzene	105		106		70-130
Dibromofluoromethane	93		95		70-130
Toluene-d8	101		101		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-02
Client ID: H8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 08:25
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 06:17
Analyst: SZ
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	200	26.	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	28.	1
Hexachlorobenzene	ND		ug/kg	150	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	220	33.	1
2-Chloronaphthalene	ND		ug/kg	250	24.	1
1,2-Dichlorobenzene	ND		ug/kg	250	44.	1
1,3-Dichlorobenzene	ND		ug/kg	250	42.	1
1,4-Dichlorobenzene	ND		ug/kg	250	43.	1
3,3'-Dichlorobenzidine	ND		ug/kg	250	65.	1
2,4-Dinitrotoluene	ND		ug/kg	250	49.	1
2,6-Dinitrotoluene	ND		ug/kg	250	42.	1
Fluoranthene	39	J	ug/kg	150	28.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	250	26.	1
4-Bromophenyl phenyl ether	ND		ug/kg	250	38.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	300	42.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	260	25.	1
Hexachlorobutadiene	ND		ug/kg	250	36.	1
Hexachlorocyclopentadiene	ND		ug/kg	700	220	1
Hexachloroethane	ND		ug/kg	200	40.	1
Isophorone	ND		ug/kg	220	32.	1
Naphthalene	ND		ug/kg	250	30.	1
Nitrobenzene	ND		ug/kg	220	36.	1
NDPA/DPA	ND		ug/kg	200	28.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	250	38.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	250	85.	1
Butyl benzyl phthalate	ND		ug/kg	250	62.	1
Di-n-butylphthalate	ND		ug/kg	250	47.	1
Di-n-octylphthalate	ND		ug/kg	250	84.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-02 Date Collected: 06/26/24 08:25

Client ID: H8_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	250	23.	1
Dimethyl phthalate	ND		ug/kg	250	52.	1
Benzo(a)anthracene	ND		ug/kg	150	28.	1
Benzo(a)pyrene	ND		ug/kg	200	60.	1
Benzo(b)fluoranthene	ND		ug/kg	150	41.	1
Benzo(k)fluoranthene	ND		ug/kg	150	39.	1
Chrysene	26	J	ug/kg	150	26.	1
Acenaphthylene	ND		ug/kg	200	38.	1
Anthracene	ND		ug/kg	150	48.	1
Benzo(ghi)perylene	ND		ug/kg	200	29.	1
Fluorene	ND		ug/kg	250	24.	1
Phenanthrene	ND		ug/kg	150	30.	1
Dibenzo(a,h)anthracene	ND		ug/kg	150	28.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	200	34.	1
Pyrene	35	J	ug/kg	150	24.	1
Biphenyl	ND		ug/kg	560	32.	1
4-Chloroaniline	ND		ug/kg	250	45.	1
2-Nitroaniline	ND		ug/kg	250	47.	1
3-Nitroaniline	ND		ug/kg	250	46.	1
4-Nitroaniline	ND		ug/kg	250	100	1
Dibenzofuran	ND		ug/kg	250	23.	1
2-Methylnaphthalene	ND		ug/kg	300	30.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	250	26.	1
Acetophenone	ND		ug/kg	250	30.	1
2,4,6-Trichlorophenol	ND		ug/kg	150	47.	1
p-Chloro-m-cresol	ND		ug/kg	250	37.	1
2-Chlorophenol	ND		ug/kg	250	29.	1
2,4-Dichlorophenol	ND		ug/kg	220	40.	1
2,4-Dimethylphenol	ND		ug/kg	250	81.	1
2-Nitrophenol	ND		ug/kg	530	92.	1
4-Nitrophenol	ND		ug/kg	340	100	1
2,4-Dinitrophenol	ND		ug/kg	1200	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	640	120	1
Pentachlorophenol	ND		ug/kg	200	54.	1
Phenol	ND		ug/kg	250	37.	1
2-Methylphenol	ND		ug/kg	250	38.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	350	38.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-02 Date Collected: 06/26/24 08:25

Client ID: H8_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	250	47.	1
Benzoic Acid	ND		ug/kg	800	250	1
Benzyl Alcohol	ND		ug/kg	250	75.	1
Carbazole	ND		ug/kg	250	24.	1
1,4-Dioxane	ND		ug/kg	37	11.	1
Tentatively Identified Compounds						
Total TIC Compounds	1000	J	ug/kg			1
Unknown	245	J	ug/kg			1
Unknown Phenol	510	J	ug/kg			1
Unknown	249	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	59		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-06
Client ID: H7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 09:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 07:27
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	49.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	21	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-06 Date Collected: 06/26/24 09:00

Client ID: H7_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	19	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-06 Date Collected: 06/26/24 09:00

Client ID: H7_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
Total TIC Compounds	1660	J	ug/kg			1
Unknown	213	J	ug/kg			1
Unknown Organic Acid	176	J	ug/kg			1
Unknown Organic Acid	358	J	ug/kg			1
Unknown Alkene	450	J	ug/kg			1
Unknown	292	J	ug/kg			1
Unknown	174	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	61		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-10
Client ID: H6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 09:35
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 05:07
Analyst: SZ
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-10 Date Collected: 06/26/24 09:35

Client ID: H6_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	ND		ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-10 Date Collected: 06/26/24 09:35

Client ID: H6_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	274	J	ug/kg			1
Unknown Phenol	274	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	66		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-14
Client ID: H5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 10:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 04:20
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	34.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-14 Date Collected: 06/26/24 10:00

Client ID: H5_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	81.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-14 Date Collected: 06/26/24 10:00

Client ID: H5_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
Total TIC Compounds	219	J	ug/kg			1
Unknown	219	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	67		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-18
Client ID: H4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 10:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 04:44
Analyst: SZ
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-18 Date Collected: 06/26/24 10:30

Client ID: H4_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-18 Date Collected: 06/26/24 10:30

Client ID: H4_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
Total TIC Compounds	699	J	ug/kg			1
Unknown Phenol	536	J	ug/kg			1
Unknown	163	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	64		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-22
Client ID: H3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 11:25
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 08:37
Analyst: SZ
Percent Solids: 80%
Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	770		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	46	J	ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-22 Date Collected: 06/26/24 11:25

Client ID: H3_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	440		ug/kg	120	23.	1
Benzo(a)pyrene	480		ug/kg	160	49.	1
Benzo(b)fluoranthene	730		ug/kg	120	34.	1
Benzo(k)fluoranthene	150		ug/kg	120	32.	1
Chrysene	480		ug/kg	120	21.	1
Acenaphthylene	78	J	ug/kg	160	31.	1
Anthracene	47	J	ug/kg	120	39.	1
Benzo(ghi)perylene	370		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	260		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	74	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	350		ug/kg	160	28.	1
Pyrene	710		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-22 Date Collected: 06/26/24 11:25

Client ID: H3_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	45	J	ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1
Tentatively Identified Compounds						
Total TIC Compounds	737	J	ug/kg			1
Unknown PAH	360	J	ug/kg			1
Unknown	178	J	ug/kg			1
Unknown Alkene	199	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	59		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-26
Client ID: H2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 11:55
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 05:30
Analyst: SZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-26 Date Collected: 06/26/24 11:55

Client ID: H2_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-26 Date Collected: 06/26/24 11:55

Client ID: H2_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	64		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-30
Client ID: H1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 12:55
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 09:46
Analyst: SZ
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	38	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	310		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-30 Date Collected: 06/26/24 12:55

Client ID: H1_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	27	J	ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	43	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	27	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	22	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	34	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-30 Date Collected: 06/26/24 12:55

Client ID: H1_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
Total TIC Compounds	17300	J	ug/kg			1
Unknown Organic Acid	1900	J	ug/kg			1
Unknown Organic Acid	1590	J	ug/kg			1
Unknown Phenol	305	J	ug/kg			1
Unknown	248	J	ug/kg			1
Unknown	792	J	ug/kg			1
Unknown	446	J	ug/kg			1
Unknown	893	J	ug/kg			1
Unknown Organic Acid	527	J	ug/kg			1
Unknown	540	J	ug/kg			1
Unknown	1790	J	ug/kg			1
Unknown Alcohol	478	J	ug/kg			1
Unknown	324	J	ug/kg			1
Unknown	762	J	ug/kg			1
Unknown Ketone	238	J	ug/kg			1
Unknown	853	J	ug/kg			1
Unknown	2390	J	ug/kg			1
Unknown Organic Acid	253	J	ug/kg			1
Unknown Organic Acid	601	J	ug/kg			1
Unknown	697	J	ug/kg			1
Unknown	1690	J	ug/kg			1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-30 Date Collected: 06/26/24 12:55

Client ID: H1_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	67		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-32
Client ID: I2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 13:35
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 03:11
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	67.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-32 Date Collected: 06/26/24 13:35

Client ID: I2_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	35.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-32 Date Collected: 06/26/24 13:35

Client ID: I2_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
Total TIC Compounds	266	J	ug/kg			1
Unknown	266	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	59		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-36
Client ID: DUP_06262024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 07:50
Analyst: SZ
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-36 Date Collected: 06/26/24 12:00

Client ID: DUP_06262024 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	18	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-36 Date Collected: 06/26/24 12:00

Client ID: DUP_06262024 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
Total TIC Compounds	1960	J	ug/kg			1
Unknown	169	J	ug/kg			1
Unknown Alkene	624	J	ug/kg			1
Unknown	176	J	ug/kg			1
Unknown	370	J	ug/kg			1
Unknown Organic Acid	420	J	ug/kg			1
Unknown Organic Acid	197	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	63		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/02/24 23:41
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941975-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/02/24 23:41
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941975-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/02/24 23:41
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941975-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	71		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941975-2 WG1941975-3								
Acenaphthene	69		68		31-137	1		50
1,2,4-Trichlorobenzene	67		69		38-107	3		50
Hexachlorobenzene	68		67		40-140	1		50
Bis(2-chloroethyl)ether	71		71		40-140	0		50
2-Chloronaphthalene	71		70		40-140	1		50
1,2-Dichlorobenzene	66		66		40-140	0		50
1,3-Dichlorobenzene	65		66		40-140	2		50
1,4-Dichlorobenzene	66		65		28-104	2		50
3,3'-Dichlorobenzidine	63		63		40-140	0		50
2,4-Dinitrotoluene	79		78		40-132	1		50
2,6-Dinitrotoluene	83		83		40-140	0		50
Fluoranthene	67		68		40-140	1		50
4-Chlorophenyl phenyl ether	69		69		40-140	0		50
4-Bromophenyl phenyl ether	71		69		40-140	3		50
Bis(2-chloroisopropyl)ether	96		98		40-140	2		50
Bis(2-chloroethoxy)methane	76		77		40-117	1		50
Hexachlorobutadiene	71		68		40-140	4		50
Hexachlorocyclopentadiene	79		78		40-140	1		50
Hexachloroethane	71		73		40-140	3		50
Isophorone	72		74		40-140	3		50
Naphthalene	68		67		40-140	1		50
Nitrobenzene	72		74		40-140	3		50
NDPA/DPA	71		69		36-157	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941975-2 WG1941975-3								
n-Nitrosodi-n-propylamine	74		75		32-121	1		50
Bis(2-ethylhexyl)phthalate	85		85		40-140	0		50
Butyl benzyl phthalate	84		82		40-140	2		50
Di-n-butylphthalate	72		71		40-140	1		50
Di-n-octylphthalate	90		88		40-140	2		50
Diethyl phthalate	67		68		40-140	1		50
Dimethyl phthalate	72		71		40-140	1		50
Benzo(a)anthracene	73		72		40-140	1		50
Benzo(a)pyrene	75		72		40-140	4		50
Benzo(b)fluoranthene	75		72		40-140	4		50
Benzo(k)fluoranthene	72		66		40-140	9		50
Chrysene	75		72		40-140	4		50
Acenaphthylene	68		68		40-140	0		50
Anthracene	69		68		40-140	1		50
Benzo(ghi)perylene	72		71		40-140	1		50
Fluorene	68		67		40-140	1		50
Phenanthrene	67		67		40-140	0		50
Dibenzo(a,h)anthracene	71		71		40-140	0		50
Indeno(1,2,3-cd)pyrene	74		72		40-140	3		50
Pyrene	70		69		35-142	1		50
Biphenyl	73		72		37-127	1		50
4-Chloroaniline	77		77		40-140	0		50
2-Nitroaniline	86		87		47-134	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941975-2 WG1941975-3								
3-Nitroaniline	65		70		26-129	7		50
4-Nitroaniline	72		71		41-125	1		50
Dibenzofuran	66		66		40-140	0		50
2-Methylnaphthalene	74		73		40-140	1		50
1,2,4,5-Tetrachlorobenzene	75		74		40-117	1		50
Acetophenone	72		75		14-144	4		50
2,4,6-Trichlorophenol	79		80		30-130	1		50
p-Chloro-m-cresol	75		76		26-103	1		50
2-Chlorophenol	74		77		25-102	4		50
2,4-Dichlorophenol	75		78		30-130	4		50
2,4-Dimethylphenol	84		84		30-130	0		50
2-Nitrophenol	83		86		30-130	4		50
4-Nitrophenol	87		90		11-114	3		50
2,4-Dinitrophenol	76		78		4-130	3		50
4,6-Dinitro-o-cresol	85		84		10-130	1		50
Pentachlorophenol	64		64		17-109	0		50
Phenol	71		73		26-90	3		50
2-Methylphenol	78		79		30-130.	1		50
3-Methylphenol/4-Methylphenol	80		85		30-130	6		50
2,4,5-Trichlorophenol	80		82		30-130	2		50
Benzoic Acid	69		57		10-110	19		50
Benzyl Alcohol	72		75		40-140	4		50
Carbazole	69		70		54-128	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941975-2 WG1941975-3								
1,4-Dioxane	64		56		40-140	13		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		70		25-120
Phenol-d6	71		70		10-120
Nitrobenzene-d5	68		69		23-120
2-Fluorobiphenyl	64		63		30-120
2,4,6-Tribromophenol	59		60		10-136
4-Terphenyl-d14	61		59		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 QC Batch ID: WG1941975-4 WG1941975-5 QC Sample: L2436281-02 Client ID: H8_0.2-2												
Acenaphthene	ND	1990	1400	70		1300	65		31-137	7		50
1,2,4-Trichlorobenzene	ND	1990	1400	70		1400	70		38-107	0		50
Hexachlorobenzene	ND	1990	1200	60		1200	60		40-140	0		50
Bis(2-chloroethyl)ether	ND	1990	1500	75		1500	75		40-140	0		50
2-Chloronaphthalene	ND	1990	1400	70		1400	70		40-140	0		50
1,2-Dichlorobenzene	ND	1990	1400	70		1400	70		40-140	0		50
1,3-Dichlorobenzene	ND	1990	1300	65		1400	70		40-140	7		50
1,4-Dichlorobenzene	ND	1990	1300	65		1400	70		28-104	7		50
3,3'-Dichlorobenzidine	ND	1990	1200	60		1300	65		40-140	8		50
2,4-Dinitrotoluene	ND	1990	1600	80		1600	80		40-132	0		50
2,6-Dinitrotoluene	ND	1990	1700	85		1600	80		40-140	6		50
Fluoranthene	39J	1990	1300	65		1300	65		40-140	0		50
4-Chlorophenyl phenyl ether	ND	1990	1300	65		1300	65		40-140	0		50
4-Bromophenyl phenyl ether	ND	1990	1300	65		1200	60		40-140	8		50
Bis(2-chloroisopropyl)ether	ND	1990	2200	110		2200	110		40-140	0		50
Bis(2-chloroethoxy)methane	ND	1990	1600	80		1600	80		40-117	0		50
Hexachlorobutadiene	ND	1990	1300	65		1300	65		40-140	0		50
Hexachlorocyclopentadiene	ND	1990	1400	70		1400	70		40-140	0		50
Hexachloroethane	ND	1990	1500	75		1500	75		40-140	0		50
Isophorone	ND	1990	1500	75		1600	80		40-140	6		50
Naphthalene	ND	1990	1400	70		1400	70		40-140	0		50
Nitrobenzene	ND	1990	1600	80		1600	80		40-140	0		50
NDPA/DPA	ND	1990	1400	70		1300	65		36-157	7		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 QC Batch ID: WG1941975-4 WG1941975-5 QC Sample: L2436281-02 Client ID: H8_0.2-2												
n-Nitrosodi-n-propylamine	ND	1990	1600	80		1600	80		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1990	1700	85		1700	85		40-140	0		50
Butyl benzyl phthalate	ND	1990	1600	80		1500	75		40-140	6		50
Di-n-butylphthalate	ND	1990	1400	70		1300	65		40-140	7		50
Di-n-octylphthalate	ND	1990	1700	85		1800	90		40-140	6		50
Diethyl phthalate	ND	1990	1300	65		1300	65		40-140	0		50
Dimethyl phthalate	ND	1990	1400	70		1400	70		40-140	0		50
Benzo(a)anthracene	ND	1990	1400	70		1400	70		40-140	0		50
Benzo(a)pyrene	ND	1990	1400	70		1300	65		40-140	7		50
Benzo(b)fluoranthene	ND	1990	1300	65		1400	70		40-140	7		50
Benzo(k)fluoranthene	ND	1990	1200	60		1200	60		40-140	0		50
Chrysene	26J	1990	1400	70		1400	70		40-140	0		50
Acenaphthylene	ND	1990	1300	65		1300	65		40-140	0		50
Anthracene	ND	1990	1400	70		1300	65		40-140	7		50
Benzo(ghi)perylene	ND	1990	1300	65		1300	65		40-140	0		50
Fluorene	ND	1990	1300	65		1300	65		40-140	0		50
Phenanthrene	ND	1990	1300	65		1300	65		40-140	0		50
Dibenzo(a,h)anthracene	ND	1990	1300	65		1300	65		40-140	0		50
Indeno(1,2,3-cd)pyrene	ND	1990	1300	65		1300	65		40-140	0		50
Pyrene	35J	1990	1400	70		1300	65		35-142	7		50
Biphenyl	ND	1990	1400	70		1400	70		37-127	0		50
4-Chloroaniline	ND	1990	1400	70		1300	65		40-140	7		50
2-Nitroaniline	ND	1990	1700	85		1700	85		47-134	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 QC Batch ID: WG1941975-4 WG1941975-5 QC Sample: L2436281-02 Client ID: H8_0.2-2												
3-Nitroaniline	ND	1990	1400	70		1400	70		26-129	0		50
4-Nitroaniline	ND	1990	1400	70		1400	70		41-125	0		50
Dibenzofuran	ND	1990	1300	65		1300	65		40-140	0		50
2-Methylnaphthalene	ND	1990	1400	70		1400	70		40-140	0		50
1,2,4,5-Tetrachlorobenzene	ND	1990	1400	70		1400	70		40-117	0		50
Acetophenone	ND	1990	1500	75		1600	80		14-144	6		50
2,4,6-Trichlorophenol	ND	1990	1600	80		1600	80		30-130	0		50
p-Chloro-m-cresol	ND	1990	1500	75		1500	75		26-103	0		50
2-Chlorophenol	ND	1990	1500	75		1600	80		25-102	6		50
2,4-Dichlorophenol	ND	1990	1500	75		1600	80		30-130	6		50
2,4-Dimethylphenol	ND	1990	1600	80		1700	85		30-130	6		50
2-Nitrophenol	ND	1990	1800	90		1800	90		30-130	0		50
4-Nitrophenol	ND	1990	1800	90		1900	95		11-114	5		50
2,4-Dinitrophenol	ND	1990	1700	85		1700	85		4-130	0		50
4,6-Dinitro-o-cresol	ND	1990	1700	85		1700	85		10-130	0		50
Pentachlorophenol	ND	1990	1300	65		1300	65		17-109	0		50
Phenol	ND	1990	1500	75		1500	75		26-90	0		50
2-Methylphenol	ND	1990	1600	80		1600	80		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1990	1700	85		1700	85		30-130	0		50
2,4,5-Trichlorophenol	ND	1990	1600	80		1600	80		30-130	0		50
Benzoic Acid	ND	1990	1100	55		1100	55		10-110	0		50
Benzyl Alcohol	ND	1990	1500	75		1600	80		40-140	6		50
Carbazole	ND	1990	1400	70		1400	70		54-128	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 QC Batch ID: WG1941975-4 WG1941975-5 QC Sample: L2436281-02 Client ID: H8_0.2-2												
1,4-Dioxane	ND	1990	1100	55		1300	65		40-140	17		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	58		56		10-136
2-Fluorobiphenyl	60		57		30-120
2-Fluorophenol	72		71		25-120
4-Terphenyl-d14	49		47		18-120
Nitrobenzene-d5	75		75		23-120
Phenol-d6	73		73		10-120

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-02
Client ID: H8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 08:25
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/02/24 13:25
Analyst: MEO
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 19:13
Cleanup Method: EPA 3665A
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	73.6	6.54	1	A
Aroclor 1221	ND		ug/kg	73.6	7.38	1	A
Aroclor 1232	ND		ug/kg	73.6	15.6	1	A
Aroclor 1242	ND		ug/kg	73.6	9.93	1	A
Aroclor 1248	ND		ug/kg	73.6	11.0	1	A
Aroclor 1254	ND		ug/kg	73.6	8.06	1	A
Aroclor 1260	ND		ug/kg	73.6	13.6	1	A
Aroclor 1262	ND		ug/kg	73.6	9.35	1	A
Aroclor 1268	ND		ug/kg	73.6	7.63	1	A
PCBs, Total	ND		ug/kg	73.6	6.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-06
Client ID: H7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 09:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/02/24 13:33
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 19:13
Cleanup Method: EPA 3665A
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.4	4.83	1	A
Aroclor 1221	ND		ug/kg	54.4	5.45	1	A
Aroclor 1232	ND		ug/kg	54.4	11.5	1	A
Aroclor 1242	ND		ug/kg	54.4	7.33	1	A
Aroclor 1248	ND		ug/kg	54.4	8.15	1	A
Aroclor 1254	ND		ug/kg	54.4	5.95	1	A
Aroclor 1260	ND		ug/kg	54.4	10.0	1	A
Aroclor 1262	ND		ug/kg	54.4	6.90	1	A
Aroclor 1268	ND		ug/kg	54.4	5.63	1	A
PCBs, Total	ND		ug/kg	54.4	4.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-10
Client ID: H6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 09:35
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/02/24 13:41
Analyst: MEO
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 19:13
Cleanup Method: EPA 3665A
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	49.6	4.40	1	A
Aroclor 1221	ND		ug/kg	49.6	4.97	1	A
Aroclor 1232	ND		ug/kg	49.6	10.5	1	A
Aroclor 1242	ND		ug/kg	49.6	6.68	1	A
Aroclor 1248	ND		ug/kg	49.6	7.44	1	A
Aroclor 1254	ND		ug/kg	49.6	5.42	1	A
Aroclor 1260	ND		ug/kg	49.6	9.16	1	A
Aroclor 1262	ND		ug/kg	49.6	6.30	1	A
Aroclor 1268	ND		ug/kg	49.6	5.14	1	A
PCBs, Total	ND		ug/kg	49.6	4.40	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-14
Client ID: H5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 10:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/02/24 13:49
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 19:13
Cleanup Method: EPA 3665A
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.4	4.92	1	A
Aroclor 1221	ND		ug/kg	55.4	5.55	1	A
Aroclor 1232	ND		ug/kg	55.4	11.7	1	A
Aroclor 1242	ND		ug/kg	55.4	7.47	1	A
Aroclor 1248	ND		ug/kg	55.4	8.31	1	A
Aroclor 1254	ND		ug/kg	55.4	6.06	1	A
Aroclor 1260	ND		ug/kg	55.4	10.2	1	A
Aroclor 1262	ND		ug/kg	55.4	7.04	1	A
Aroclor 1268	ND		ug/kg	55.4	5.74	1	A
PCBs, Total	ND		ug/kg	55.4	4.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-18
Client ID: H4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 10:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/02/24 13:57
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 19:13
Cleanup Method: EPA 3665A
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.8	4.69	1	A
Aroclor 1221	ND		ug/kg	52.8	5.29	1	A
Aroclor 1232	ND		ug/kg	52.8	11.2	1	A
Aroclor 1242	ND		ug/kg	52.8	7.12	1	A
Aroclor 1248	ND		ug/kg	52.8	7.92	1	A
Aroclor 1254	ND		ug/kg	52.8	5.78	1	A
Aroclor 1260	ND		ug/kg	52.8	9.76	1	A
Aroclor 1262	ND		ug/kg	52.8	6.71	1	A
Aroclor 1268	ND		ug/kg	52.8	5.47	1	A
PCBs, Total	ND		ug/kg	52.8	4.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-22
Client ID: H3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 11:25
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/02/24 14:05
Analyst: MEO
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 19:13
Cleanup Method: EPA 3665A
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	62.3	5.53	1	A
Aroclor 1221	ND		ug/kg	62.3	6.24	1	A
Aroclor 1232	ND		ug/kg	62.3	13.2	1	A
Aroclor 1242	ND		ug/kg	62.3	8.40	1	A
Aroclor 1248	ND		ug/kg	62.3	9.34	1	A
Aroclor 1254	ND		ug/kg	62.3	6.81	1	A
Aroclor 1260	ND		ug/kg	62.3	11.5	1	A
Aroclor 1262	ND		ug/kg	62.3	7.91	1	A
Aroclor 1268	ND		ug/kg	62.3	6.45	1	A
PCBs, Total	ND		ug/kg	62.3	5.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-26
Client ID: H2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 11:55
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/02/24 14:13
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 19:16
Cleanup Method: EPA 3665A
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.0	4.98	1	A
Aroclor 1221	ND		ug/kg	56.0	5.62	1	A
Aroclor 1232	ND		ug/kg	56.0	11.9	1	A
Aroclor 1242	ND		ug/kg	56.0	7.56	1	A
Aroclor 1248	ND		ug/kg	56.0	8.41	1	A
Aroclor 1254	ND		ug/kg	56.0	6.13	1	A
Aroclor 1260	ND		ug/kg	56.0	10.4	1	A
Aroclor 1262	ND		ug/kg	56.0	7.12	1	A
Aroclor 1268	ND		ug/kg	56.0	5.81	1	A
PCBs, Total	ND		ug/kg	56.0	4.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-30
Client ID: H1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 12:55
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/02/24 14:21
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 19:16
Cleanup Method: EPA 3665A
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.5	4.58	1	A
Aroclor 1221	ND		ug/kg	51.5	5.16	1	A
Aroclor 1232	ND		ug/kg	51.5	10.9	1	A
Aroclor 1242	ND		ug/kg	51.5	6.95	1	A
Aroclor 1248	ND		ug/kg	51.5	7.73	1	A
Aroclor 1254	ND		ug/kg	51.5	5.64	1	A
Aroclor 1260	ND		ug/kg	51.5	9.52	1	A
Aroclor 1262	ND		ug/kg	51.5	6.55	1	A
Aroclor 1268	ND		ug/kg	51.5	5.34	1	A
PCBs, Total	ND		ug/kg	51.5	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-32
Client ID: I2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 13:35
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/02/24 14:29
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 19:16
Cleanup Method: EPA 3665A
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.3	5.00	1	A
Aroclor 1221	ND		ug/kg	56.3	5.64	1	A
Aroclor 1232	ND		ug/kg	56.3	11.9	1	A
Aroclor 1242	ND		ug/kg	56.3	7.59	1	A
Aroclor 1248	ND		ug/kg	56.3	8.44	1	A
Aroclor 1254	ND		ug/kg	56.3	6.16	1	A
Aroclor 1260	ND		ug/kg	56.3	10.4	1	A
Aroclor 1262	ND		ug/kg	56.3	7.15	1	A
Aroclor 1268	ND		ug/kg	56.3	5.83	1	A
PCBs, Total	ND		ug/kg	56.3	5.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-36
Client ID: DUP_06262024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/02/24 14:37
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 19:16
Cleanup Method: EPA 3665A
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.4	4.92	1	A
Aroclor 1221	ND		ug/kg	55.4	5.55	1	A
Aroclor 1232	ND		ug/kg	55.4	11.8	1	A
Aroclor 1242	ND		ug/kg	55.4	7.47	1	A
Aroclor 1248	ND		ug/kg	55.4	8.32	1	A
Aroclor 1254	ND		ug/kg	55.4	6.06	1	A
Aroclor 1260	ND		ug/kg	55.4	10.2	1	A
Aroclor 1262	ND		ug/kg	55.4	7.04	1	A
Aroclor 1268	ND		ug/kg	55.4	5.74	1	A
PCBs, Total	ND		ug/kg	55.4	4.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/02/24 11:49
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 07/01/24 19:13
Cleanup Method: EPA 3665A
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941901-1						
Aroclor 1016	ND		ug/kg	47.8	4.25	A
Aroclor 1221	ND		ug/kg	47.8	4.79	A
Aroclor 1232	ND		ug/kg	47.8	10.1	A
Aroclor 1242	ND		ug/kg	47.8	6.45	A
Aroclor 1248	ND		ug/kg	47.8	7.18	A
Aroclor 1254	ND		ug/kg	47.8	5.23	A
Aroclor 1260	ND		ug/kg	47.8	8.84	A
Aroclor 1262	ND		ug/kg	47.8	6.08	A
Aroclor 1268	ND		ug/kg	47.8	4.96	A
PCBs, Total	ND		ug/kg	47.8	4.25	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1941901-2 WG1941901-3									
Aroclor 1016	76		78		40-140	3		50	A
Aroclor 1260	77		79		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		71		30-150	A
Decachlorobiphenyl	77		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		74		30-150	B
Decachlorobiphenyl	83		83		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 QC Batch ID: WG1941901-4 WG1941901-5 QC Sample: L2436281-02 Client ID: H8_0.2-2													
Aroclor 1016	ND	459	316	69		326	72		40-140	3		50	A
Aroclor 1260	ND	459	314	68		321	71		40-140	2		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		64		30-150	A
Decachlorobiphenyl	66		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		68		30-150	B
Decachlorobiphenyl	74		73		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-01
Client ID: H8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 08:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 14:46
Analyst: JAG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 23:15
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.753	0.337	1	A
Alpha-BHC	ND		ug/kg	0.753	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.685	1	A
Heptachlor	ND		ug/kg	0.904	0.405	1	A
Aldrin	ND		ug/kg	1.81	0.636	1	A
Heptachlor epoxide	3.24	J	ug/kg	3.39	1.02	1	A
Endrin	ND		ug/kg	0.753	0.309	1	A
Endrin aldehyde	1.10	J	ug/kg	2.26	0.791	1	A
Endrin ketone	ND		ug/kg	1.81	0.465	1	A
Dieldrin	6.17		ug/kg	1.13	0.565	1	A
4,4'-DDE	99.8		ug/kg	1.81	0.418	1	A
4,4'-DDD	5.45		ug/kg	1.81	0.645	1	A
4,4'-DDT	106		ug/kg	1.81	1.45	1	A
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	2.04		ug/kg	1.81	0.604	1	B
Endosulfan sulfate	7.69		ug/kg	0.753	0.358	1	B
Methoxychlor	ND		ug/kg	3.39	1.05	1	A
Toxaphene	ND		ug/kg	33.9	9.49	1	A
cis-Chlordane	8.49	IP	ug/kg	2.26	0.630	1	B
trans-Chlordane	8.33		ug/kg	2.26	0.596	1	B
Chlordane	103	P	ug/kg	15.1	5.99	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-01 Date Collected: 06/26/24 08:20

Client ID: H8_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	114		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-01
Client ID: H8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 08:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 00:40
Analyst: PEG
Percent Solids: 87%
Methylation Date: 07/02/24 18:25
Extraction Method: EPA 8151A
Extraction Date: 07/01/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	186	11.8	1	A
2,4,5-T	ND		ug/kg	186	5.78	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	90		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-02
Client ID: H8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 08:25
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 14:59
Analyst: JAG
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 23:15
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.36	0.462	1	A
Lindane	ND		ug/kg	0.984	0.440	1	A
Alpha-BHC	ND		ug/kg	0.984	0.279	1	A
Beta-BHC	ND		ug/kg	2.36	0.896	1	A
Heptachlor	ND		ug/kg	1.18	0.529	1	A
Aldrin	ND		ug/kg	2.36	0.832	1	A
Heptachlor epoxide	3.12	JIP	ug/kg	4.43	1.33	1	B
Endrin	ND		ug/kg	0.984	0.403	1	A
Endrin aldehyde	ND		ug/kg	2.95	1.03	1	A
Endrin ketone	ND		ug/kg	2.36	0.608	1	A
Dieldrin	6.80		ug/kg	1.48	0.738	1	A
4,4'-DDE	146		ug/kg	2.36	0.546	1	A
4,4'-DDD	32.1		ug/kg	2.36	0.842	1	A
4,4'-DDT	36.7		ug/kg	2.36	1.90	1	A
Endosulfan I	ND		ug/kg	2.36	0.558	1	A
Endosulfan II	ND		ug/kg	2.36	0.789	1	A
Endosulfan sulfate	ND		ug/kg	0.984	0.468	1	A
Methoxychlor	ND		ug/kg	4.43	1.38	1	A
Toxaphene	ND		ug/kg	44.3	12.4	1	A
cis-Chlordane	17.9	IP	ug/kg	2.95	0.823	1	B
trans-Chlordane	14.2		ug/kg	2.95	0.779	1	B
Chlordane	166		ug/kg	19.7	7.82	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-02 Date Collected: 06/26/24 08:25

Client ID: H8_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-02
Client ID: H8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 08:25
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 00:58
Analyst: PEG
Percent Solids: 66%
Methylation Date: 07/02/24 18:25

Extraction Method: EPA 8151A
Extraction Date: 07/01/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	252	15.9	1	A
2,4,5-T	ND		ug/kg	252	7.81	1	A
2,4,5-TP (Silvex)	ND		ug/kg	252	6.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	100		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-05
Client ID: H7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 08:55
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 15:36
Analyst: JAG
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 23:15
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.06	0.404	1	A
Lindane	ND		ug/kg	0.860	0.384	1	A
Alpha-BHC	ND		ug/kg	0.860	0.244	1	A
Beta-BHC	ND		ug/kg	2.06	0.782	1	A
Heptachlor	ND		ug/kg	1.03	0.462	1	A
Aldrin	ND		ug/kg	2.06	0.726	1	A
Heptachlor epoxide	ND		ug/kg	3.87	1.16	1	A
Endrin	ND		ug/kg	0.860	0.352	1	A
Endrin aldehyde	ND		ug/kg	2.58	0.903	1	A
Endrin ketone	ND		ug/kg	2.06	0.531	1	A
Dieldrin	3.24		ug/kg	1.29	0.645	1	A
4,4'-DDE	38.0		ug/kg	2.06	0.477	1	A
4,4'-DDD	ND		ug/kg	2.06	0.736	1	A
4,4'-DDT	24.0		ug/kg	2.06	1.66	1	A
Endosulfan I	ND		ug/kg	2.06	0.487	1	A
Endosulfan II	ND		ug/kg	2.06	0.690	1	A
Endosulfan sulfate	ND		ug/kg	0.860	0.409	1	A
Methoxychlor	ND		ug/kg	3.87	1.20	1	A
Toxaphene	ND		ug/kg	38.7	10.8	1	A
cis-Chlordane	1.36	JIP	ug/kg	2.58	0.719	1	B
trans-Chlordane	2.31	J	ug/kg	2.58	0.681	1	B
Chlordane	ND		ug/kg	17.2	6.84	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-05 Date Collected: 06/26/24 08:55

Client ID: H7_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-05
Client ID: H7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 08:55
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 11:51
Analyst: PEG
Percent Solids: 75%
Methylation Date: 07/02/24 20:48

Extraction Method: EPA 8151A
Extraction Date: 07/01/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	222	14.0	1	A
2,4,5-T	ND		ug/kg	222	6.88	1	A
2,4,5-TP (Silvex)	ND		ug/kg	222	5.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	71		30-150	A
DCAA	80		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-06
Client ID: H7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 09:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 15:48
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 23:15
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.755	0.338	1	A
Alpha-BHC	ND		ug/kg	0.755	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.687	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.755	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.793	1	A
Endrin ketone	ND		ug/kg	1.81	0.467	1	A
Dieldrin	1.86		ug/kg	1.13	0.566	1	A
4,4'-DDE	29.9		ug/kg	1.81	0.419	1	A
4,4'-DDD	ND		ug/kg	1.81	0.646	1	A
4,4'-DDT	17.0		ug/kg	1.81	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.606	1	A
Endosulfan sulfate	ND		ug/kg	0.755	0.359	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.52	1	A
cis-Chlordane	0.852	JIP	ug/kg	2.26	0.631	1	B
trans-Chlordane	1.32	J	ug/kg	2.26	0.598	1	B
Chlordane	ND		ug/kg	15.1	6.00	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-06 Date Collected: 06/26/24 09:00

Client ID: H7_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-06
Client ID: H7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 09:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 01:54
Analyst: PEG
Percent Solids: 88%
Methylation Date: 07/02/24 18:25
Extraction Method: EPA 8151A
Extraction Date: 07/01/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.9	1	A
2,4,5-T	ND		ug/kg	188	5.84	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	5.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	103		30-150	A
DCAA	98		30-150	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-09
Client ID: H6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 09:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 16:01
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 23:15
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.717	0.320	1	A
Alpha-BHC	ND		ug/kg	0.717	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.860	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.606	1	A
Heptachlor epoxide	146		ug/kg	3.23	0.968	1	B
Endrin	ND		ug/kg	0.717	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.753	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
4,4'-DDE	207		ug/kg	1.72	0.398	1	A
4,4'-DDD	ND		ug/kg	1.72	0.614	1	A
4,4'-DDT	45.2		ug/kg	1.72	1.38	1	B
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.575	1	A
Endosulfan sulfate	ND		ug/kg	0.717	0.341	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.03	1	A
cis-Chlordane	72.2	IP	ug/kg	2.15	0.599	1	B
trans-Chlordane	70.7		ug/kg	2.15	0.568	1	B
Chlordane	ND		ug/kg	14.3	5.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-09
Client ID: H6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 09:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 02:13
Analyst: PEG
Percent Solids: 91%
Methylation Date: 07/02/24 18:25

Extraction Method: EPA 8151A
Extraction Date: 07/01/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	178	11.2	1	A
2,4,5-T	ND		ug/kg	178	5.51	1	A
2,4,5-TP (Silvex)	ND		ug/kg	178	4.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-09 D
Client ID: H6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 09:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 23:16
Analyst: EMR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 23:15
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	878		ug/kg	5.38	2.69	5	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-10
Client ID: H6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 09:35
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 16:13
Analyst: JAG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 23:15
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.321	1	A
Lindane	ND		ug/kg	0.683	0.305	1	A
Alpha-BHC	ND		ug/kg	0.683	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.622	1	A
Heptachlor	ND		ug/kg	0.820	0.367	1	A
Aldrin	ND		ug/kg	1.64	0.577	1	A
Heptachlor epoxide	15.6		ug/kg	3.07	0.922	1	B
Endrin	ND		ug/kg	0.683	0.280	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.717	1	A
Endrin ketone	ND		ug/kg	1.64	0.422	1	A
Dieldrin	96.9		ug/kg	1.02	0.512	1	A
4,4'-DDE	25.0		ug/kg	1.64	0.379	1	A
4,4'-DDD	ND		ug/kg	1.64	0.585	1	A
4,4'-DDT	6.25		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.387	1	A
Endosulfan II	ND		ug/kg	1.64	0.548	1	A
Endosulfan sulfate	ND		ug/kg	0.683	0.325	1	A
Methoxychlor	ND		ug/kg	3.07	0.956	1	A
Toxaphene	ND		ug/kg	30.7	8.61	1	A
cis-Chlordane	5.62	IP	ug/kg	2.05	0.571	1	B
trans-Chlordane	4.74		ug/kg	2.05	0.541	1	B
Chlordane	ND		ug/kg	13.7	5.43	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-10 Date Collected: 06/26/24 09:35

Client ID: H6_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-10
Client ID: H6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 09:35
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 02:31
Analyst: PEG
Percent Solids: 95%
Methylation Date: 07/02/24 18:25

Extraction Method: EPA 8151A
Extraction Date: 07/01/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	175	11.0	1	A
2,4,5-T	ND		ug/kg	175	5.41	1	A
2,4,5-TP (Silvex)	ND		ug/kg	175	4.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-13
Client ID: H5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 09:55
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 16:25
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 23:15
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.748	0.334	1	A
Alpha-BHC	ND		ug/kg	0.748	0.212	1	A
Beta-BHC	ND		ug/kg	1.80	0.681	1	A
Heptachlor	ND		ug/kg	0.898	0.402	1	A
Aldrin	ND		ug/kg	1.80	0.632	1	A
Heptachlor epoxide	23.7		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.748	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.786	1	A
Endrin ketone	ND		ug/kg	1.80	0.462	1	A
Dieldrin	118		ug/kg	1.12	0.561	1	A
4,4'-DDE	70.4		ug/kg	1.80	0.415	1	A
4,4'-DDD	3.24		ug/kg	1.80	0.640	1	A
4,4'-DDT	29.9		ug/kg	1.80	1.44	1	A
Endosulfan I	ND		ug/kg	1.80	0.424	1	A
Endosulfan II	ND		ug/kg	1.80	0.600	1	A
Endosulfan sulfate	ND		ug/kg	0.748	0.356	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.43	1	A
cis-Chlordane	35.1	IP	ug/kg	2.24	0.625	1	B
trans-Chlordane	21.8	IP	ug/kg	2.24	0.592	1	B
Chlordane	361		ug/kg	15.0	5.95	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-13 Date Collected: 06/26/24 09:55

Client ID: H5_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-13
Client ID: H5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 09:55
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 02:50
Analyst: PEG
Percent Solids: 88%
Methylation Date: 07/02/24 18:25

Extraction Method: EPA 8151A
Extraction Date: 07/01/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	184	11.6	1	A
2,4,5-T	ND		ug/kg	184	5.72	1	A
2,4,5-TP (Silvex)	ND		ug/kg	184	4.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	93		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-14
Client ID: H5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 10:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 16:38
Analyst: JAG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 23:15
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.355	1	A
Lindane	ND		ug/kg	0.756	0.338	1	A
Alpha-BHC	ND		ug/kg	0.756	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.688	1	A
Heptachlor	ND		ug/kg	0.908	0.407	1	A
Aldrin	ND		ug/kg	1.82	0.639	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.756	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.794	1	A
Endrin ketone	ND		ug/kg	1.82	0.467	1	A
Dieldrin	3.25		ug/kg	1.13	0.567	1	A
4,4'-DDE	18.8		ug/kg	1.82	0.420	1	A
4,4'-DDD	ND		ug/kg	1.82	0.647	1	A
4,4'-DDT	4.00		ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.606	1	A
Endosulfan sulfate	ND		ug/kg	0.756	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.53	1	A
cis-Chlordane	ND	IP	ug/kg	2.27	0.632	1	B
trans-Chlordane	1.42	J	ug/kg	2.27	0.599	1	B
Chlordane	ND		ug/kg	15.1	6.01	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-14 Date Collected: 06/26/24 10:00

Client ID: H5_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-14
Client ID: H5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 10:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 03:08
Analyst: PEG
Percent Solids: 85%
Methylation Date: 07/02/24 18:25

Extraction Method: EPA 8151A
Extraction Date: 07/01/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.95	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	106		30-150	A
DCAA	104		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-17
Client ID: H4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 10:25
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 16:50
Analyst: JAG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 23:15
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.90	0.372	1	A
Lindane	ND		ug/kg	0.791	0.354	1	A
Alpha-BHC	ND		ug/kg	0.791	0.225	1	A
Beta-BHC	ND		ug/kg	1.90	0.720	1	A
Heptachlor	ND		ug/kg	0.950	0.426	1	A
Aldrin	ND		ug/kg	1.90	0.669	1	A
Heptachlor epoxide	73.6		ug/kg	3.56	1.07	1	B
Endrin	ND		ug/kg	0.791	0.324	1	A
Endrin aldehyde	ND		ug/kg	2.37	0.831	1	A
Endrin ketone	ND		ug/kg	1.90	0.489	1	A
Dieldrin	310		ug/kg	1.19	0.594	1	A
4,4'-DDE	105		ug/kg	1.90	0.439	1	A
4,4'-DDD	ND		ug/kg	1.90	0.677	1	A
4,4'-DDT	19.8		ug/kg	1.90	1.53	1	B
Endosulfan I	ND		ug/kg	1.90	0.449	1	A
Endosulfan II	ND		ug/kg	1.90	0.635	1	A
Endosulfan sulfate	ND		ug/kg	0.791	0.377	1	A
Methoxychlor	ND		ug/kg	3.56	1.11	1	A
Toxaphene	ND		ug/kg	35.6	9.97	1	A
cis-Chlordane	37.1	IP	ug/kg	2.37	0.662	1	B
trans-Chlordane	34.9		ug/kg	2.37	0.627	1	B
Chlordane	ND		ug/kg	15.8	6.29	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-17 Date Collected: 06/26/24 10:25

Client ID: H4_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-17
Client ID: H4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 10:25
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 03:27
Analyst: PEG
Percent Solids: 83%
Methylation Date: 07/02/24 18:25

Extraction Method: EPA 8151A
Extraction Date: 07/01/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.02	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	95		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-18
Client ID: H4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 10:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 14:56
Analyst: MMG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 23:15
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.332	1	A
Lindane	ND		ug/kg	0.706	0.316	1	A
Alpha-BHC	ND		ug/kg	0.706	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.642	1	A
Heptachlor	ND		ug/kg	0.847	0.380	1	A
Aldrin	ND		ug/kg	1.69	0.596	1	A
Heptachlor epoxide	8.48		ug/kg	3.18	0.953	1	B
Endrin	ND		ug/kg	0.706	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.741	1	A
Endrin ketone	ND		ug/kg	1.69	0.436	1	A
Dieldrin	34.1		ug/kg	1.06	0.530	1	B
4,4'-DDE	12.8		ug/kg	1.69	0.392	1	B
4,4'-DDD	ND		ug/kg	1.69	0.604	1	A
4,4'-DDT	1.66	J	ug/kg	1.69	1.36	1	B
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.706	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.988	1	A
Toxaphene	ND		ug/kg	31.8	8.90	1	A
cis-Chlordane	2.23	IP	ug/kg	2.12	0.590	1	B
trans-Chlordane	3.63		ug/kg	2.12	0.559	1	A
Chlordane	24.5		ug/kg	14.1	5.61	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-18 Date Collected: 06/26/24 10:30

Client ID: H4_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-18
Client ID: H4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 10:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 03:46
Analyst: PEG
Percent Solids: 90%
Methylation Date: 07/02/24 18:25

Extraction Method: EPA 8151A
Extraction Date: 07/01/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	184	11.6	1	A
2,4,5-T	ND		ug/kg	184	5.69	1	A
2,4,5-TP (Silvex)	ND		ug/kg	184	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	89		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-21
Client ID: H3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 11:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 15:07
Analyst: MMG
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 23:15
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.25	0.440	1	A
Lindane	ND		ug/kg	0.936	0.418	1	A
Alpha-BHC	ND		ug/kg	0.936	0.266	1	A
Beta-BHC	ND		ug/kg	2.25	0.852	1	A
Heptachlor	ND		ug/kg	1.12	0.504	1	A
Aldrin	ND		ug/kg	2.25	0.791	1	A
Heptachlor epoxide	4.11	J	ug/kg	4.21	1.26	1	B
Endrin	ND		ug/kg	0.936	0.384	1	A
Endrin aldehyde	ND		ug/kg	2.81	0.983	1	A
Endrin ketone	ND		ug/kg	2.25	0.578	1	A
Dieldrin	9.59		ug/kg	1.40	0.702	1	B
4,4'-DDE	14.1		ug/kg	2.25	0.519	1	B
4,4'-DDD	0.840	J	ug/kg	2.25	0.801	1	A
4,4'-DDT	7.81		ug/kg	2.25	1.81	1	B
Endosulfan I	ND		ug/kg	2.25	0.531	1	A
Endosulfan II	ND		ug/kg	2.25	0.751	1	A
Endosulfan sulfate	ND		ug/kg	0.936	0.445	1	A
Methoxychlor	ND		ug/kg	4.21	1.31	1	A
Toxaphene	ND		ug/kg	42.1	11.8	1	A
cis-Chlordane	12.4	IP	ug/kg	2.81	0.782	1	B
trans-Chlordane	11.7		ug/kg	2.81	0.741	1	A
Chlordane	58.2	IP	ug/kg	18.7	7.44	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-21 Date Collected: 06/26/24 11:20

Client ID: H3_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-21
Client ID: H3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 11:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 04:04
Analyst: PEG
Percent Solids: 71%
Methylation Date: 07/02/24 18:25
Extraction Method: EPA 8151A
Extraction Date: 07/01/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	232	14.6	1	A
2,4,5-T	ND		ug/kg	232	7.19	1	A
2,4,5-TP (Silvex)	ND		ug/kg	232	6.17	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	86		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-22
Client ID: H3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 11:25
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 15:18
Analyst: MMG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 23:15
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.95	0.382	1	A
Lindane	ND		ug/kg	0.814	0.364	1	A
Alpha-BHC	ND		ug/kg	0.814	0.231	1	A
Beta-BHC	ND		ug/kg	1.95	0.740	1	A
Heptachlor	ND		ug/kg	0.976	0.438	1	A
Aldrin	ND		ug/kg	1.95	0.688	1	A
Heptachlor epoxide	ND		ug/kg	3.66	1.10	1	A
Endrin	ND		ug/kg	0.814	0.334	1	A
Endrin aldehyde	ND		ug/kg	2.44	0.854	1	A
Endrin ketone	ND		ug/kg	1.95	0.503	1	A
Dieldrin	ND		ug/kg	1.22	0.610	1	A
4,4'-DDE	ND		ug/kg	1.95	0.452	1	A
4,4'-DDD	ND		ug/kg	1.95	0.696	1	A
4,4'-DDT	ND		ug/kg	1.95	1.57	1	A
Endosulfan I	ND		ug/kg	1.95	0.461	1	A
Endosulfan II	ND		ug/kg	1.95	0.653	1	A
Endosulfan sulfate	ND		ug/kg	0.814	0.387	1	A
Methoxychlor	ND		ug/kg	3.66	1.14	1	A
Toxaphene	ND		ug/kg	36.6	10.2	1	A
cis-Chlordane	ND		ug/kg	2.44	0.680	1	A
trans-Chlordane	ND		ug/kg	2.44	0.644	1	A
Chlordane	ND		ug/kg	16.3	6.47	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-22 Date Collected: 06/26/24 11:25

Client ID: H3_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-22
Client ID: H3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 11:25
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 12:29
Analyst: PEG
Percent Solids: 80%
Methylation Date: 07/02/24 20:48

Extraction Method: EPA 8151A
Extraction Date: 07/01/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	205	12.9	1	A
2,4,5-T	ND		ug/kg	205	6.35	1	A
2,4,5-TP (Silvex)	ND		ug/kg	205	5.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	102		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-25
Client ID: H2_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 11:50
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 12:32
Analyst: MMG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:06
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.756	0.338	1	A
Alpha-BHC	ND		ug/kg	0.756	0.215	1	A
Beta-BHC	ND		ug/kg	1.81	0.688	1	A
Heptachlor	ND		ug/kg	0.907	0.407	1	A
Aldrin	ND		ug/kg	1.81	0.639	1	A
Heptachlor epoxide	19.9		ug/kg	3.40	1.02	1	B
Endrin	ND		ug/kg	0.756	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.794	1	A
Endrin ketone	ND		ug/kg	1.81	0.467	1	A
Dieldrin	0.831	J	ug/kg	1.13	0.567	1	A
4,4'-DDE	152		ug/kg	1.81	0.419	1	B
4,4'-DDD	5.63		ug/kg	1.81	0.647	1	A
4,4'-DDT	46.0		ug/kg	1.81	1.46	1	B
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.606	1	A
Endosulfan sulfate	ND		ug/kg	0.756	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.52	1	A
cis-Chlordane	3.00	IP	ug/kg	2.27	0.632	1	B
trans-Chlordane	4.93		ug/kg	2.27	0.599	1	B
Chlordane	ND		ug/kg	15.1	6.01	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-25 Date Collected: 06/26/24 11:50

Client ID: H2_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-25
Client ID: H2_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 11:50
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 04:41
Analyst: PEG
Percent Solids: 87%
Methylation Date: 07/02/24 18:25

Extraction Method: EPA 8151A
Extraction Date: 07/01/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.9	1	A
2,4,5-T	ND		ug/kg	188	5.84	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	5.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	93		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-26
Client ID: H2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 11:55
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 12:44
Analyst: MMG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:06
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	A
Lindane	ND		ug/kg	0.776	0.347	1	A
Alpha-BHC	ND		ug/kg	0.776	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.706	1	A
Heptachlor	ND		ug/kg	0.931	0.417	1	A
Aldrin	ND		ug/kg	1.86	0.655	1	A
Heptachlor epoxide	1.06	JIP	ug/kg	3.49	1.05	1	B
Endrin	ND		ug/kg	0.776	0.318	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.814	1	A
Endrin ketone	ND		ug/kg	1.86	0.479	1	A
Dieldrin	ND		ug/kg	1.16	0.582	1	A
4,4'-DDE	17.3		ug/kg	1.86	0.430	1	A
4,4'-DDD	ND		ug/kg	1.86	0.664	1	A
4,4'-DDT	5.82		ug/kg	1.86	1.50	1	A
Endosulfan I	ND		ug/kg	1.86	0.440	1	A
Endosulfan II	ND		ug/kg	1.86	0.622	1	A
Endosulfan sulfate	ND		ug/kg	0.776	0.369	1	A
Methoxychlor	ND		ug/kg	3.49	1.08	1	A
Toxaphene	ND		ug/kg	34.9	9.77	1	A
cis-Chlordane	ND		ug/kg	2.33	0.648	1	A
trans-Chlordane	ND		ug/kg	2.33	0.614	1	A
Chlordane	ND		ug/kg	15.5	6.16	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-26 Date Collected: 06/26/24 11:55

Client ID: H2_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-26
Client ID: H2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 11:55
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 12:49
Analyst: PEG
Percent Solids: 84%
Methylation Date: 07/02/24 20:48
Extraction Method: EPA 8151A
Extraction Date: 07/01/24 14:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.00	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	76		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-29
Client ID: H1_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 12:50
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 12:57
Analyst: JAG
Percent Solids: 63%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:06
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.50	0.490	1	A
Lindane	ND		ug/kg	1.04	0.466	1	A
Alpha-BHC	ND		ug/kg	1.04	0.296	1	A
Beta-BHC	ND		ug/kg	2.50	0.949	1	A
Heptachlor	ND		ug/kg	1.25	0.561	1	A
Aldrin	ND		ug/kg	2.50	0.881	1	A
Heptachlor epoxide	ND		ug/kg	4.69	1.41	1	A
Endrin	ND		ug/kg	1.04	0.428	1	A
Endrin aldehyde	ND		ug/kg	3.13	1.10	1	A
Endrin ketone	ND		ug/kg	2.50	0.645	1	A
Dieldrin	1.40	J	ug/kg	1.56	0.782	1	A
4,4'-DDE	8.08	IP	ug/kg	2.50	0.579	1	B
4,4'-DDD	ND		ug/kg	2.50	0.893	1	A
4,4'-DDT	17.3		ug/kg	2.50	2.01	1	B
Endosulfan I	ND		ug/kg	2.50	0.591	1	A
Endosulfan II	ND		ug/kg	2.50	0.837	1	A
Endosulfan sulfate	ND		ug/kg	1.04	0.496	1	A
Methoxychlor	ND		ug/kg	4.69	1.46	1	A
Toxaphene	ND		ug/kg	46.9	13.1	1	A
cis-Chlordane	ND		ug/kg	3.13	0.872	1	A
trans-Chlordane	ND		ug/kg	3.13	0.826	1	A
Chlordane	ND		ug/kg	20.9	8.29	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-29 Date Collected: 06/26/24 12:50

Client ID: H1_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-29
Client ID: H1_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 12:50
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 10:13
Analyst: PEG
Percent Solids: 63%
Methylation Date: 07/02/24 20:48

Extraction Method: EPA 8151A
Extraction Date: 07/01/24 16:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	260	16.4	1	A
2,4,5-T	ND		ug/kg	260	8.05	1	A
2,4,5-TP (Silvex)	ND		ug/kg	260	6.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	90		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-30
Client ID: H1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 12:55
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 13:09
Analyst: JAG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:06
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.314	1	A
Lindane	ND		ug/kg	0.668	0.298	1	A
Alpha-BHC	ND		ug/kg	0.668	0.190	1	A
Beta-BHC	ND		ug/kg	1.60	0.608	1	A
Heptachlor	ND		ug/kg	0.801	0.359	1	A
Aldrin	ND		ug/kg	1.60	0.564	1	A
Heptachlor epoxide	ND		ug/kg	3.00	0.901	1	A
Endrin	ND		ug/kg	0.668	0.274	1	A
Endrin aldehyde	ND		ug/kg	2.00	0.701	1	A
Endrin ketone	ND		ug/kg	1.60	0.413	1	A
Dieldrin	0.581	J	ug/kg	1.00	0.501	1	B
4,4'-DDE	4.31	IP	ug/kg	1.60	0.370	1	B
4,4'-DDD	ND		ug/kg	1.60	0.572	1	A
4,4'-DDT	7.31		ug/kg	1.60	1.29	1	A
Endosulfan I	ND		ug/kg	1.60	0.378	1	A
Endosulfan II	ND		ug/kg	1.60	0.535	1	A
Endosulfan sulfate	ND		ug/kg	0.668	0.318	1	A
Methoxychlor	ND		ug/kg	3.00	0.935	1	A
Toxaphene	ND		ug/kg	30.0	8.41	1	A
cis-Chlordane	ND		ug/kg	2.00	0.558	1	A
trans-Chlordane	ND		ug/kg	2.00	0.529	1	A
Chlordane	ND		ug/kg	13.4	5.31	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-30 Date Collected: 06/26/24 12:55

Client ID: H1_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-30
Client ID: H1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 12:55
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 10:33
Analyst: PEG
Percent Solids: 94%
Methylation Date: 07/02/24 20:48
Extraction Method: EPA 8151A
Extraction Date: 07/01/24 16:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	174	11.0	1	A
2,4,5-T	ND		ug/kg	174	5.40	1	A
2,4,5-TP (Silvex)	ND		ug/kg	174	4.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	73		30-150	A
DCAA	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-31
Client ID: I2_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 13:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 13:22
Analyst: JAG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:06
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.380	1	A
Lindane	ND		ug/kg	0.808	0.361	1	A
Alpha-BHC	ND		ug/kg	0.808	0.229	1	A
Beta-BHC	ND		ug/kg	1.94	0.735	1	A
Heptachlor	ND		ug/kg	0.969	0.435	1	A
Aldrin	ND		ug/kg	1.94	0.683	1	A
Heptachlor epoxide	ND		ug/kg	3.64	1.09	1	A
Endrin	ND		ug/kg	0.808	0.331	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.848	1	A
Endrin ketone	ND		ug/kg	1.94	0.499	1	A
Dieldrin	ND		ug/kg	1.21	0.606	1	B
4,4'-DDE	1.02	J	ug/kg	1.94	0.448	1	B
4,4'-DDD	ND		ug/kg	1.94	0.692	1	A
4,4'-DDT	ND		ug/kg	1.94	1.56	1	A
Endosulfan I	ND		ug/kg	1.94	0.458	1	A
Endosulfan II	ND		ug/kg	1.94	0.648	1	A
Endosulfan sulfate	ND		ug/kg	0.808	0.384	1	A
Methoxychlor	ND		ug/kg	3.64	1.13	1	A
Toxaphene	ND		ug/kg	36.4	10.2	1	A
cis-Chlordane	ND		ug/kg	2.42	0.675	1	A
trans-Chlordane	ND		ug/kg	2.42	0.640	1	A
Chlordane	ND		ug/kg	16.2	6.42	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-31 Date Collected: 06/26/24 13:30

Client ID: I2_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-31
Client ID: I2_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 13:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 10:52
Analyst: PEG
Percent Solids: 79%
Methylation Date: 07/02/24 20:48

Extraction Method: EPA 8151A
Extraction Date: 07/01/24 16:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	207	13.0	1	A
2,4,5-T	ND		ug/kg	207	6.41	1	A
2,4,5-TP (Silvex)	ND		ug/kg	207	5.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	68		30-150	A
DCAA	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-32
Client ID: I2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 13:35
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 13:34
Analyst: JAG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:06
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.756	0.338	1	A
Alpha-BHC	ND		ug/kg	0.756	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.688	1	A
Heptachlor	ND		ug/kg	0.907	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.756	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.793	1	A
Endrin ketone	ND		ug/kg	1.81	0.467	1	A
Dieldrin	ND		ug/kg	1.13	0.567	1	A
4,4'-DDE	ND		ug/kg	1.81	0.419	1	A
4,4'-DDD	ND		ug/kg	1.81	0.647	1	A
4,4'-DDT	ND		ug/kg	1.81	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.606	1	A
Endosulfan sulfate	ND		ug/kg	0.756	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.52	1	A
cis-Chlordane	ND		ug/kg	2.27	0.632	1	A
trans-Chlordane	ND		ug/kg	2.27	0.598	1	A
Chlordane	ND		ug/kg	15.1	6.01	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-32 Date Collected: 06/26/24 13:35

Client ID: I2_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	114		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-32
Client ID: I2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 13:35
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 11:12
Analyst: PEG
Percent Solids: 85%
Methylation Date: 07/02/24 20:48
Extraction Method: EPA 8151A
Extraction Date: 07/01/24 16:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.94	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	72		30-150	A
DCAA	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-35
Client ID: FB_06262024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 10:15
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 07/02/24 10:20
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/01/24 21:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-35 Date Collected: 06/26/24 10:15

Client ID: FB_06262024 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-35
Client ID: FB_06262024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 10:15
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 07/03/24 14:57
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 01:36

Methylation Date: 07/03/24 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-36
Client ID: DUP_06262024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 13:46
Analyst: JAG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 00:06
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.350	1	A
Lindane	ND		ug/kg	0.744	0.332	1	A
Alpha-BHC	ND		ug/kg	0.744	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.677	1	A
Heptachlor	ND		ug/kg	0.893	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.629	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.744	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.781	1	A
Endrin ketone	ND		ug/kg	1.78	0.460	1	A
Dieldrin	1.84		ug/kg	1.12	0.558	1	A
4,4'-DDE	26.7		ug/kg	1.78	0.413	1	A
4,4'-DDD	ND		ug/kg	1.78	0.637	1	A
4,4'-DDT	17.4		ug/kg	1.78	1.44	1	A
Endosulfan I	ND		ug/kg	1.78	0.422	1	A
Endosulfan II	ND		ug/kg	1.78	0.597	1	A
Endosulfan sulfate	ND		ug/kg	0.744	0.354	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.37	1	A
cis-Chlordane	0.831	JIP	ug/kg	2.23	0.622	1	B
trans-Chlordane	1.27	J	ug/kg	2.23	0.589	1	B
Chlordane	ND		ug/kg	14.9	5.91	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-36 Date Collected: 06/26/24 12:00

Client ID: DUP_06262024 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436281
Project Number: 3858.0004Y000
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-36
Client ID: DUP_06262024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 13:24
Analyst: SID
Percent Solids: 87%
Methylation Date: 07/03/24 07:30

Extraction Method: EPA 8151A
Extraction Date: 07/02/24 10:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.8	1	A
2,4,5-T	ND		ug/kg	188	5.82	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	5.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	79		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/02/24 08:03
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 07/01/24 10:23
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22 Batch: WG1941693-1						
Delta-BHC	ND		ug/kg	1.59	0.311	A
Lindane	ND		ug/kg	0.661	0.296	A
Alpha-BHC	ND		ug/kg	0.661	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.602	A
Heptachlor	ND		ug/kg	0.794	0.356	A
Aldrin	ND		ug/kg	1.59	0.559	A
Heptachlor epoxide	ND		ug/kg	2.98	0.893	A
Endrin	ND		ug/kg	0.661	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.694	A
Endrin ketone	ND		ug/kg	1.59	0.409	A
Dieldrin	ND		ug/kg	0.992	0.496	A
4,4'-DDE	ND		ug/kg	1.59	0.367	A
4,4'-DDD	ND		ug/kg	1.59	0.566	A
4,4'-DDT	ND		ug/kg	1.59	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.375	A
Endosulfan II	ND		ug/kg	1.59	0.530	A
Endosulfan sulfate	ND		ug/kg	0.661	0.315	A
Methoxychlor	ND		ug/kg	2.98	0.926	A
Toxaphene	ND		ug/kg	29.8	8.33	A
cis-Chlordane	ND		ug/kg	1.98	0.553	A
trans-Chlordane	ND		ug/kg	1.98	0.524	A
Chlordane	ND		ug/kg	13.2	5.26	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/02/24 08:03
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 07/01/24 10:23
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22 Batch: WG1941693-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/02/24 23:07
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 07/01/24 14:09

Methylation Date: 07/02/24 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26 Batch: WG1941795-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.07	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	91		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/02/24 16:06
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 07/01/24 16:33

Methylation Date: 07/02/24 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 29-32 Batch: WG1941862-1						
2,4-D	ND		ug/kg	163	10.3	A
2,4,5-T	ND		ug/kg	163	5.05	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.33	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	73		30-150	A
DCAA	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/02/24 09:04
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/01/24 21:44

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 35 Batch: WG1941938-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/02/24 09:04
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/01/24 21:44

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 35 Batch: WG1941938-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/02/24 11:18
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/01/24 22:23
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 25-26,29-32,36 Batch: WG1941954-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.654	0.292	A
Alpha-BHC	ND		ug/kg	0.654	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.595	A
Heptachlor	ND		ug/kg	0.784	0.352	A
Aldrin	ND		ug/kg	1.57	0.552	A
Heptachlor epoxide	ND		ug/kg	2.94	0.882	A
Endrin	ND		ug/kg	0.654	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.686	A
Endrin ketone	ND		ug/kg	1.57	0.404	A
Dieldrin	ND		ug/kg	0.980	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.559	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.370	A
Endosulfan II	ND		ug/kg	1.57	0.524	A
Endosulfan sulfate	ND		ug/kg	0.654	0.311	A
Methoxychlor	ND		ug/kg	2.94	0.915	A
Toxaphene	ND		ug/kg	29.4	8.24	A
cis-Chlordane	ND		ug/kg	1.96	0.546	A
trans-Chlordane	ND		ug/kg	1.96	0.518	A
Chlordane	ND		ug/kg	13.1	5.20	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/02/24 11:18
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/01/24 22:23
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 25-26,29-32,36 Batch: WG1941954-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	129		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/03/24 11:33
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 07/02/24 10:08

Methylation Date: 07/03/24 07:53

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 36 Batch: WG1942238-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.08	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	88		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/03/24 14:01
Analyst: SID

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 01:36

Methylation Date: 07/03/24 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 35 Batch: WG1942608-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	93		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22 Batch: WG1941693-2 WG1941693-3									
Delta-BHC	82		69		30-150	17		30	A
Lindane	84		70		30-150	18		30	A
Alpha-BHC	81		69		30-150	16		30	A
Beta-BHC	97		73		30-150	28		30	A
Heptachlor	82		71		30-150	14		30	A
Aldrin	82		72		30-150	13		30	A
Heptachlor epoxide	78		67		30-150	15		30	A
Endrin	91		80		30-150	13		30	A
Endrin aldehyde	83		64		30-150	26		30	A
Endrin ketone	94		75		30-150	22		30	A
Dieldrin	91		79		30-150	14		30	A
4,4'-DDE	86		75		30-150	14		30	A
4,4'-DDD	93		81		30-150	14		30	A
4,4'-DDT	90		78		30-150	14		30	A
Endosulfan I	84		73		30-150	14		30	A
Endosulfan II	88		73		30-150	19		30	A
Endosulfan sulfate	86		65		30-150	28		30	A
Methoxychlor	105		90		30-150	15		30	A
cis-Chlordane	77		68		30-150	12		30	A
trans-Chlordane	79		69		30-150	14		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22 Batch: WG1941693-2 WG1941693-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		50		30-150	A
Decachlorobiphenyl	51		57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		60		30-150	B
Decachlorobiphenyl	70		74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26 Batch: WG1941795-2 WG1941795-3									
2,4-D	75		84		30-150	11		30	A
2,4,5-T	80		93		30-150	15		30	A
2,4,5-TP (Silvex)	74		86		30-150	15		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	86		95		30-150	A
DCAA	96		107		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 29-32 Batch: WG1941862-2 WG1941862-3									
2,4-D	71		69		30-150	3		30	A
2,4,5-T	81		79		30-150	3		30	A
2,4,5-TP (Silvex)	74		73		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	71		69		30-150	A
DCAA	79		78		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 35 Batch: WG1941938-2 WG1941938-3									
Delta-BHC	88		78		30-150	11		20	A
Lindane	93		83		30-150	11		20	A
Alpha-BHC	86		78		30-150	9		20	A
Beta-BHC	94		84		30-150	11		20	A
Heptachlor	97		86		30-150	11		20	A
Aldrin	92		82		30-150	12		20	A
Heptachlor epoxide	94		83		30-150	12		20	A
Endrin	96		86		30-150	11		20	A
Endrin aldehyde	83		80		30-150	3		20	A
Endrin ketone	93		80		30-150	15		20	A
Dieldrin	104		92		30-150	12		20	A
4,4'-DDE	97		85		30-150	12		20	A
4,4'-DDD	103		92		30-150	11		20	A
4,4'-DDT	103		89		30-150	15		20	A
Endosulfan I	92		82		30-150	12		20	A
Endosulfan II	100		89		30-150	12		20	A
Endosulfan sulfate	96		86		30-150	11		20	A
Methoxychlor	123		115		30-150	7		20	A
cis-Chlordane	86		74		30-150	15		20	A
trans-Chlordane	104		93		30-150	11		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 35 Batch: WG1941938-2 WG1941938-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		72		30-150	A
Decachlorobiphenyl	112		101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		81		30-150	B
Decachlorobiphenyl	112		101		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 25-26,29-32,36 Batch: WG1941954-2 WG1941954-3									
Delta-BHC	82		79		30-150	4		30	A
Lindane	81		74		30-150	9		30	A
Alpha-BHC	83		75		30-150	10		30	A
Beta-BHC	79		74		30-150	7		30	A
Heptachlor	81		74		30-150	9		30	A
Aldrin	85		78		30-150	9		30	A
Heptachlor epoxide	86		78		30-150	10		30	A
Endrin	98		91		30-150	7		30	A
Endrin aldehyde	88		80		30-150	10		30	A
Endrin ketone	98		90		30-150	9		30	A
Dieldrin	103		96		30-150	7		30	A
4,4'-DDE	96		88		30-150	9		30	A
4,4'-DDD	106		99		30-150	7		30	A
4,4'-DDT	103		96		30-150	7		30	A
Endosulfan I	90		83		30-150	8		30	A
Endosulfan II	96		88		30-150	9		30	A
Endosulfan sulfate	99		91		30-150	8		30	A
Methoxychlor	117		109		30-150	7		30	A
cis-Chlordane	88		81		30-150	8		30	A
trans-Chlordane	98		90		30-150	9		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 25-26,29-32,36 Batch: WG1941954-2 WG1941954-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		63		30-150	A
Decachlorobiphenyl	96		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		64		30-150	B
Decachlorobiphenyl	113		105		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 36 Batch: WG1942238-2 WG1942238-3									
2,4-D	89		94		30-150	5		30	A
2,4,5-T	90		94		30-150	4		30	A
2,4,5-TP (Silvex)	93		96		30-150	3		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	88		91		30-150	A
DCAA	93		99		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 35 Batch: WG1942608-2 WG1942608-3									
2,4-D	85		84		30-150	1		25	A
2,4,5-T	89		88		30-150	1		25	A
2,4,5-TP (Silvex)	90		94		30-150	4		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	87		89		30-150	A
DCAA	84		83		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22 QC Batch ID: WG1941693-4 WG1941693-5 QC Sample: L2436281-02 Client ID: H8_0.2-2													
Delta-BHC	ND	50.5	39.8	79		37.0	73		30-150	7		50	A
Lindane	ND	50.5	36.3	72		33.7	67		30-150	7		50	A
Alpha-BHC	ND	50.5	37.1	73		34.0	67		30-150	9		50	A
Beta-BHC	ND	50.5	35.8	71		33.3	66		30-150	7		50	A
Heptachlor	ND	50.5	38.3	76		35.6	70		30-150	7		50	A
Aldrin	ND	50.5	38.2	76		35.4	70		30-150	8		50	A
Heptachlor epoxide	3.12JIP	50.5	46.2	91		42.2	83		30-150	9		50	B
Endrin	ND	50.5	45.3	90		42.4	84		30-150	7		50	A
Endrin aldehyde	ND	50.5	40.0	79		37.7	74		30-150	6		50	A
Endrin ketone	ND	50.5	44.8	89		41.9	83		30-150	7		50	A
Dieldrin	6.80	50.5	54.7	95		49.7	85		30-150	10		50	A
4,4'-DDE	146	50.5	188	83		156	**20**	Q	30-150	19		50	A
4,4'-DDD	32.1	50.5	81.0	97		68.0	71		30-150	17		50	A
4,4'-DDT	36.7	50.5	82.2	90		68.8	63		30-150	18		50	A
Endosulfan I	ND	50.5	42.4	84		39.3	78		30-150	8		50	A
Endosulfan II	ND	50.5	45.9	91		42.6	84		30-150	7		50	A
Endosulfan sulfate	ND	50.5	46.6	92		43.0	85		30-150	8		50	A
Methoxychlor	ND	50.5	55.6	110		51.6	102		30-150	7		50	A
cis-Chlordane	17.9IP	50.5	53.9	71		48.0	59		30-150	12		50	B
trans-Chlordane	14.2	50.5	55.4	82		50.3	71		30-150	10		50	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22 QC Batch ID: WG1941693-4 WG1941693-5 QC Sample: L2436281-02 Client ID: H8_0.2-2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		54		30-150	A
Decachlorobiphenyl	72		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		58		30-150	B
Decachlorobiphenyl	88		83		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26 QC Batch ID: WG1941795-4 WG1941795-5 QC Sample: L2436281-02 Client ID: H8_0.2-2													
2,4-D	ND	248	209J	84		231J	93		30-150	10		30	A
2,4,5-T	ND	248	225J	91		249	100		30-150	10		30	A
2,4,5-TP (Silvex)	ND	248	209J	84		228J	91		30-150	9		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	94		101		30-150	A
DCAA	104		113		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-01 Date Collected: 06/26/24 08:20

Client ID: H8_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9310		mg/kg	8.92	2.41	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.46	0.339	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Arsenic, Total	11.6		mg/kg	0.892	0.186	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Barium, Total	48.2		mg/kg	0.892	0.155	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.374	J	mg/kg	0.446	0.029	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.156	J	mg/kg	0.892	0.088	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Calcium, Total	776		mg/kg	8.92	3.12	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Chromium, Total	14.9		mg/kg	0.892	0.086	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Cobalt, Total	3.69		mg/kg	1.78	0.148	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Copper, Total	12.7		mg/kg	0.892	0.230	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Iron, Total	11500		mg/kg	4.46	0.806	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Lead, Total	29.1		mg/kg	4.46	0.239	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Magnesium, Total	2290		mg/kg	8.92	1.37	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Manganese, Total	224		mg/kg	0.892	0.142	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Mercury, Total	0.270		mg/kg	0.084	0.055	1	07/02/24 02:35	07/03/24 10:17	EPA 7471B	1,7471B	JWN
Nickel, Total	8.14		mg/kg	2.23	0.216	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Potassium, Total	490		mg/kg	223	12.8	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Selenium, Total	0.414	J	mg/kg	1.78	0.230	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.446	0.252	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Sodium, Total	20.7	J	mg/kg	178	2.81	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.78	0.281	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Vanadium, Total	18.2		mg/kg	0.892	0.181	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL
Zinc, Total	38.0		mg/kg	4.46	0.261	2	07/02/24 01:25	07/02/24 17:03	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-02 Date Collected: 06/26/24 08:25

Client ID: H8_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18300		mg/kg	12.0	3.25	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	6.02	0.458	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Arsenic, Total	9.12		mg/kg	1.20	0.251	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Barium, Total	89.7		mg/kg	1.20	0.210	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.710		mg/kg	0.602	0.040	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	1.20	0.118	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Calcium, Total	457		mg/kg	12.0	4.22	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Chromium, Total	21.7		mg/kg	1.20	0.116	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.97		mg/kg	2.41	0.200	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Copper, Total	11.0		mg/kg	1.20	0.311	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Iron, Total	22200		mg/kg	6.02	1.09	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Lead, Total	19.5		mg/kg	6.02	0.323	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Magnesium, Total	3930		mg/kg	12.0	1.86	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Manganese, Total	271		mg/kg	1.20	0.192	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Mercury, Total	0.112		mg/kg	0.101	0.066	1	07/02/24 02:35	07/03/24 10:07	EPA 7471B	1,7471B	JWN
Nickel, Total	14.1		mg/kg	3.01	0.292	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Potassium, Total	375		mg/kg	301	17.4	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Selenium, Total	0.354	J	mg/kg	2.41	0.311	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.602	0.341	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Sodium, Total	32.5	J	mg/kg	241	3.80	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Thallium, Total	0.460	J	mg/kg	2.41	0.380	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Vanadium, Total	29.8		mg/kg	1.20	0.245	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL
Zinc, Total	48.8		mg/kg	6.02	0.353	2	07/02/24 01:25	07/02/24 17:10	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-05 Date Collected: 06/26/24 08:55

Client ID: H7_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12600		mg/kg	10.1	2.72	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	5.03	0.382	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Arsenic, Total	11.4		mg/kg	1.01	0.209	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Barium, Total	60.7		mg/kg	1.01	0.175	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.449	J	mg/kg	0.503	0.033	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.161	J	mg/kg	1.01	0.099	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Calcium, Total	810		mg/kg	10.1	3.52	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Chromium, Total	19.2		mg/kg	1.01	0.097	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.20		mg/kg	2.01	0.167	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Copper, Total	10.2		mg/kg	1.01	0.260	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Iron, Total	14500		mg/kg	5.03	0.909	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Lead, Total	24.4		mg/kg	5.03	0.270	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Magnesium, Total	3600		mg/kg	10.1	1.55	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Manganese, Total	308		mg/kg	1.01	0.160	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Mercury, Total	0.241		mg/kg	0.094	0.061	1	07/02/24 02:35	07/03/24 10:20	EPA 7471B	1,7471B	JWN
Nickel, Total	11.3		mg/kg	2.52	0.244	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Potassium, Total	627		mg/kg	252	14.5	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Selenium, Total	0.346	J	mg/kg	2.01	0.260	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.503	0.285	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Sodium, Total	33.0	J	mg/kg	201	3.17	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	2.01	0.317	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Vanadium, Total	22.6		mg/kg	1.01	0.204	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL
Zinc, Total	48.7		mg/kg	5.03	0.295	2	07/02/24 01:25	07/02/24 17:06	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-06 Date Collected: 06/26/24 09:00

Client ID: H7_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10800		mg/kg	8.86	2.39	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.43	0.337	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Arsenic, Total	7.07		mg/kg	0.886	0.184	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Barium, Total	48.1		mg/kg	0.886	0.154	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.356	J	mg/kg	0.443	0.029	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.091	J	mg/kg	0.886	0.087	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Calcium, Total	426		mg/kg	8.86	3.10	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Chromium, Total	14.2		mg/kg	0.886	0.085	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.50		mg/kg	1.77	0.147	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Copper, Total	8.41		mg/kg	0.886	0.229	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Iron, Total	13100		mg/kg	4.43	0.800	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Lead, Total	14.3		mg/kg	4.43	0.237	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Magnesium, Total	3510		mg/kg	8.86	1.36	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Manganese, Total	235		mg/kg	0.886	0.141	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Mercury, Total	0.118		mg/kg	0.071	0.046	1	07/02/24 02:35	07/03/24 10:23	EPA 7471B	1,7471B	JWN
Nickel, Total	10.4		mg/kg	2.22	0.214	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Potassium, Total	452		mg/kg	222	12.8	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.77	0.229	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.443	0.251	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Sodium, Total	20.7	J	mg/kg	177	2.79	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Thallium, Total	0.424	J	mg/kg	1.77	0.279	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Vanadium, Total	20.1		mg/kg	0.886	0.180	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL
Zinc, Total	35.2		mg/kg	4.43	0.260	2	07/02/24 01:25	07/02/24 17:46	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-09 Date Collected: 06/26/24 09:30

Client ID: H6_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11900		mg/kg	8.30	2.24	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.15	0.315	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Arsenic, Total	89.0		mg/kg	0.830	0.172	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Barium, Total	56.9		mg/kg	0.830	0.144	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.475		mg/kg	0.415	0.027	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.974		mg/kg	0.830	0.081	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Calcium, Total	828		mg/kg	8.30	2.90	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Chromium, Total	53.3		mg/kg	0.830	0.080	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.54		mg/kg	1.66	0.138	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Copper, Total	15.4		mg/kg	0.830	0.214	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Iron, Total	14900		mg/kg	4.15	0.749	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Lead, Total	77.4		mg/kg	4.15	0.222	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Magnesium, Total	4380		mg/kg	8.30	1.28	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Manganese, Total	360		mg/kg	0.830	0.132	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Mercury, Total	1.04		mg/kg	0.069	0.045	1	07/02/24 02:35	07/03/24 10:27	EPA 7471B	1,7471B	JWN
Nickel, Total	12.0		mg/kg	2.07	0.201	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Potassium, Total	740		mg/kg	207	11.9	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.66	0.214	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Silver, Total	0.360	J	mg/kg	0.415	0.235	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Sodium, Total	24.0	J	mg/kg	166	2.61	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Thallium, Total	0.460	J	mg/kg	1.66	0.261	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Vanadium, Total	24.0		mg/kg	0.830	0.168	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL
Zinc, Total	71.4		mg/kg	4.15	0.243	2	07/02/24 01:25	07/02/24 17:50	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-10 Date Collected: 06/26/24 09:35

Client ID: H6_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10800		mg/kg	8.28	2.23	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.14	0.314	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Arsenic, Total	6.09		mg/kg	0.828	0.172	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Barium, Total	53.6		mg/kg	0.828	0.144	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.394	J	mg/kg	0.414	0.027	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.085	J	mg/kg	0.828	0.081	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Calcium, Total	780		mg/kg	8.28	2.90	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Chromium, Total	18.6		mg/kg	0.828	0.079	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.75		mg/kg	1.66	0.137	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Copper, Total	10.4		mg/kg	0.828	0.214	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Iron, Total	16000		mg/kg	4.14	0.747	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Lead, Total	8.24		mg/kg	4.14	0.222	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Magnesium, Total	5140		mg/kg	8.28	1.27	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Manganese, Total	300		mg/kg	0.828	0.132	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Mercury, Total	0.075		mg/kg	0.074	0.048	1	07/02/24 02:35	07/03/24 10:30	EPA 7471B	1,7471B	JWN
Nickel, Total	15.0		mg/kg	2.07	0.200	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Potassium, Total	1750		mg/kg	207	11.9	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.66	0.214	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.414	0.234	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Sodium, Total	36.6	J	mg/kg	166	2.61	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Thallium, Total	0.528	J	mg/kg	1.66	0.261	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Vanadium, Total	23.4		mg/kg	0.828	0.168	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL
Zinc, Total	51.6		mg/kg	4.14	0.242	2	07/02/24 01:25	07/02/24 17:54	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-13 Date Collected: 06/26/24 09:55

Client ID: H5_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10200		mg/kg	8.60	2.32	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Antimony, Total	0.619	J	mg/kg	4.30	0.327	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Arsenic, Total	23.2		mg/kg	0.860	0.179	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Barium, Total	245		mg/kg	0.860	0.150	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.401	J	mg/kg	0.430	0.028	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.497	J	mg/kg	0.860	0.084	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Calcium, Total	46400		mg/kg	8.60	3.01	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Chromium, Total	29.4		mg/kg	0.860	0.083	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.84		mg/kg	1.72	0.143	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Copper, Total	21.8		mg/kg	0.860	0.222	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Iron, Total	12300		mg/kg	4.30	0.777	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Lead, Total	139		mg/kg	4.30	0.230	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Magnesium, Total	6860		mg/kg	8.60	1.32	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Manganese, Total	284		mg/kg	0.860	0.137	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Mercury, Total	0.632		mg/kg	0.078	0.051	1	07/02/24 02:35	07/03/24 10:33	EPA 7471B	1,7471B	JWN
Nickel, Total	10.1		mg/kg	2.15	0.208	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Potassium, Total	1650		mg/kg	215	12.4	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.72	0.222	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.430	0.243	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Sodium, Total	490		mg/kg	172	2.71	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Thallium, Total	0.584	J	mg/kg	1.72	0.271	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Vanadium, Total	22.6		mg/kg	0.860	0.175	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL
Zinc, Total	214		mg/kg	4.30	0.252	2	07/02/24 01:25	07/02/24 17:57	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-14 Date Collected: 06/26/24 10:00

Client ID: H5_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16900		mg/kg	9.13	2.47	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.57	0.347	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Arsenic, Total	29.1		mg/kg	0.913	0.190	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Barium, Total	110		mg/kg	0.913	0.159	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.705		mg/kg	0.457	0.030	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.134	J	mg/kg	0.913	0.090	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Calcium, Total	1210		mg/kg	9.13	3.20	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Chromium, Total	25.9		mg/kg	0.913	0.088	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.32		mg/kg	1.83	0.152	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Copper, Total	15.0		mg/kg	0.913	0.236	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Iron, Total	22900		mg/kg	4.57	0.825	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Lead, Total	65.3		mg/kg	4.57	0.245	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Magnesium, Total	4310		mg/kg	9.13	1.41	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Manganese, Total	526		mg/kg	0.913	0.145	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Mercury, Total	0.161		mg/kg	0.082	0.053	1	07/02/24 02:35	07/03/24 10:43	EPA 7471B	1,7471B	JWN
Nickel, Total	16.4		mg/kg	2.28	0.221	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Potassium, Total	1220		mg/kg	228	13.2	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.83	0.236	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Silver, Total	0.316	J	mg/kg	0.457	0.258	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Sodium, Total	36.4	J	mg/kg	183	2.88	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Thallium, Total	0.481	J	mg/kg	1.83	0.288	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Vanadium, Total	31.9		mg/kg	0.913	0.185	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL
Zinc, Total	52.7		mg/kg	4.57	0.268	2	07/02/24 01:25	07/02/24 18:01	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-17 Date Collected: 06/26/24 10:25

Client ID: H4_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17600		mg/kg	9.14	2.47	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Antimony, Total	0.403	J	mg/kg	4.57	0.347	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Arsenic, Total	119		mg/kg	0.914	0.190	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Barium, Total	108		mg/kg	0.914	0.159	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.617		mg/kg	0.457	0.030	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.957		mg/kg	0.914	0.090	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Calcium, Total	1250		mg/kg	9.14	3.20	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Chromium, Total	68.9		mg/kg	0.914	0.088	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Cobalt, Total	11.4		mg/kg	1.83	0.152	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Copper, Total	21.5		mg/kg	0.914	0.236	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Iron, Total	24900		mg/kg	4.57	0.825	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Lead, Total	88.7		mg/kg	4.57	0.245	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Magnesium, Total	5720		mg/kg	9.14	1.41	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Manganese, Total	552		mg/kg	0.914	0.145	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Mercury, Total	4.58		mg/kg	0.176	0.115	2	07/02/24 02:35	07/03/24 11:32	EPA 7471B	1,7471B	JWN
Nickel, Total	23.8		mg/kg	2.28	0.221	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Potassium, Total	2130		mg/kg	228	13.2	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Selenium, Total	0.400	J	mg/kg	1.83	0.236	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Silver, Total	0.444	J	mg/kg	0.457	0.258	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Sodium, Total	47.2	J	mg/kg	183	2.88	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Thallium, Total	0.792	J	mg/kg	1.83	0.288	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Vanadium, Total	36.7		mg/kg	0.914	0.185	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL
Zinc, Total	89.1		mg/kg	4.57	0.268	2	07/02/24 01:25	07/02/24 18:04	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-18 Date Collected: 06/26/24 10:30

Client ID: H4_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17500		mg/kg	8.76	2.37	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.38	0.333	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Arsenic, Total	15.1		mg/kg	0.876	0.182	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Barium, Total	113		mg/kg	0.876	0.152	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.588		mg/kg	0.438	0.029	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.116	J	mg/kg	0.876	0.086	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Calcium, Total	881		mg/kg	8.76	3.07	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Chromium, Total	29.6		mg/kg	0.876	0.084	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Cobalt, Total	12.2		mg/kg	1.75	0.145	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Copper, Total	15.6		mg/kg	0.876	0.226	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Iron, Total	25600		mg/kg	4.38	0.791	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Lead, Total	34.4		mg/kg	4.38	0.235	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Magnesium, Total	6260		mg/kg	8.76	1.35	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Manganese, Total	471		mg/kg	0.876	0.139	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Mercury, Total	9.06		mg/kg	0.803	0.524	10	07/02/24 02:35	07/03/24 11:36	EPA 7471B	1,7471B	JWN
Nickel, Total	24.6		mg/kg	2.19	0.212	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Potassium, Total	3130		mg/kg	219	12.6	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.75	0.226	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.438	0.248	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Sodium, Total	55.4	J	mg/kg	175	2.76	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Thallium, Total	0.871	J	mg/kg	1.75	0.276	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Vanadium, Total	34.2		mg/kg	0.876	0.178	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL
Zinc, Total	72.8		mg/kg	4.38	0.257	2	07/02/24 01:25	07/02/24 18:08	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-21 Date Collected: 06/26/24 11:20

Client ID: H3_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17100		mg/kg	10.9	2.94	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	5.45	0.414	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Arsenic, Total	11.7		mg/kg	1.09	0.227	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Barium, Total	134		mg/kg	1.09	0.190	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.670		mg/kg	0.545	0.036	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.383	J	mg/kg	1.09	0.107	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Calcium, Total	4770		mg/kg	10.9	3.81	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Chromium, Total	27.4		mg/kg	1.09	0.105	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.72		mg/kg	2.18	0.181	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Copper, Total	40.0		mg/kg	1.09	0.281	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Iron, Total	23100		mg/kg	5.45	0.984	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Lead, Total	81.5		mg/kg	5.45	0.292	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Magnesium, Total	5400		mg/kg	10.9	1.68	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Manganese, Total	656		mg/kg	1.09	0.173	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Mercury, Total	0.306		mg/kg	0.095	0.062	1	07/02/24 02:35	07/03/24 10:56	EPA 7471B	1,7471B	JWN
Nickel, Total	19.2		mg/kg	2.72	0.264	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Potassium, Total	1840		mg/kg	272	15.7	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Selenium, Total	0.479	J	mg/kg	2.18	0.281	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Silver, Total	0.326	J	mg/kg	0.545	0.308	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Sodium, Total	60.5	J	mg/kg	218	3.43	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Thallium, Total	0.501	J	mg/kg	2.18	0.343	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Vanadium, Total	35.2		mg/kg	1.09	0.221	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL
Zinc, Total	119		mg/kg	5.45	0.319	2	07/02/24 01:25	07/02/24 18:11	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-22 Date Collected: 06/26/24 11:25

Client ID: H3_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18500		mg/kg	9.41	2.54	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.71	0.358	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Arsenic, Total	27.7		mg/kg	0.941	0.196	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Barium, Total	128		mg/kg	0.941	0.164	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.792		mg/kg	0.471	0.031	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.126	J	mg/kg	0.941	0.092	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Calcium, Total	1490		mg/kg	9.41	3.30	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Chromium, Total	21.8		mg/kg	0.941	0.090	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.68		mg/kg	1.88	0.156	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Copper, Total	17.3		mg/kg	0.941	0.243	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Iron, Total	23400		mg/kg	4.71	0.850	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Lead, Total	24.2		mg/kg	4.71	0.252	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Magnesium, Total	4440		mg/kg	9.41	1.45	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Manganese, Total	802		mg/kg	0.941	0.150	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Mercury, Total	0.107		mg/kg	0.087	0.057	1	07/02/24 02:35	07/03/24 10:59	EPA 7471B	1,7471B	JWN
Nickel, Total	27.2		mg/kg	2.35	0.228	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Potassium, Total	1050		mg/kg	235	13.6	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.88	0.243	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.471	0.266	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Sodium, Total	34.1	J	mg/kg	188	2.96	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Thallium, Total	0.467	J	mg/kg	1.88	0.296	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Vanadium, Total	30.9		mg/kg	0.941	0.191	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL
Zinc, Total	74.7		mg/kg	4.71	0.276	2	07/02/24 01:25	07/02/24 18:15	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-25 Date Collected: 06/26/24 11:50

Client ID: H2_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15900		mg/kg	9.18	2.48	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.59	0.349	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Arsenic, Total	13.2		mg/kg	0.918	0.191	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Barium, Total	84.7		mg/kg	0.918	0.160	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.562		mg/kg	0.459	0.030	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.097	J	mg/kg	0.918	0.090	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Calcium, Total	1650		mg/kg	9.18	3.21	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Chromium, Total	22.6		mg/kg	0.918	0.088	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.32		mg/kg	1.84	0.152	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Copper, Total	17.2		mg/kg	0.918	0.237	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Iron, Total	21200		mg/kg	4.59	0.829	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Lead, Total	41.3		mg/kg	4.59	0.246	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Magnesium, Total	5430		mg/kg	9.18	1.41	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Manganese, Total	331		mg/kg	0.918	0.146	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Mercury, Total	0.090		mg/kg	0.072	0.047	1	07/02/24 02:35	07/03/24 11:03	EPA 7471B	1,7471B	JWN
Nickel, Total	16.4		mg/kg	2.30	0.222	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Potassium, Total	1720		mg/kg	230	13.2	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.84	0.237	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.459	0.260	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Sodium, Total	38.6	J	mg/kg	184	2.89	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Thallium, Total	0.570	J	mg/kg	1.84	0.289	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Vanadium, Total	32.0		mg/kg	0.918	0.186	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL
Zinc, Total	50.7		mg/kg	4.59	0.269	2	07/02/24 01:25	07/02/24 18:51	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-26 Date Collected: 06/26/24 11:55

Client ID: H2_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18100		mg/kg	9.20	2.48	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.60	0.350	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Arsenic, Total	15.4		mg/kg	0.920	0.191	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Barium, Total	85.5		mg/kg	0.920	0.160	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.657		mg/kg	0.460	0.030	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.129	J	mg/kg	0.920	0.090	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Calcium, Total	1350		mg/kg	9.20	3.22	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Chromium, Total	24.8		mg/kg	0.920	0.088	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.09		mg/kg	1.84	0.153	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Copper, Total	16.4		mg/kg	0.920	0.237	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Iron, Total	23300		mg/kg	4.60	0.831	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Lead, Total	39.4		mg/kg	4.60	0.246	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Magnesium, Total	5590		mg/kg	9.20	1.42	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Manganese, Total	355		mg/kg	0.920	0.146	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Mercury, Total	0.064	J	mg/kg	0.080	0.052	1	07/02/24 02:35	07/03/24 11:06	EPA 7471B	1,7471B	JWN
Nickel, Total	17.8		mg/kg	2.30	0.223	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Potassium, Total	1270		mg/kg	230	13.2	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Selenium, Total	0.339	J	mg/kg	1.84	0.237	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.460	0.260	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Sodium, Total	34.5	J	mg/kg	184	2.90	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Thallium, Total	0.650	J	mg/kg	1.84	0.290	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Vanadium, Total	35.3		mg/kg	0.920	0.187	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL
Zinc, Total	51.9		mg/kg	4.60	0.270	2	07/02/24 01:25	07/02/24 18:55	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-29 Date Collected: 06/26/24 12:50

Client ID: H1_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 63%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8700		mg/kg	12.1	3.26	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Antimony, Total	1.98	J	mg/kg	6.03	0.458	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Arsenic, Total	7.78		mg/kg	1.21	0.251	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Barium, Total	44.2		mg/kg	1.21	0.210	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.193	J	mg/kg	0.603	0.040	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.345	J	mg/kg	1.21	0.118	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Calcium, Total	3940		mg/kg	12.1	4.22	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Chromium, Total	19.5		mg/kg	1.21	0.116	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.08		mg/kg	2.41	0.200	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Copper, Total	24.0		mg/kg	1.21	0.311	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Iron, Total	16400		mg/kg	6.03	1.09	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Lead, Total	30.6		mg/kg	6.03	0.323	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Magnesium, Total	4740		mg/kg	12.1	1.86	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Manganese, Total	273		mg/kg	1.21	0.192	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Mercury, Total	0.154		mg/kg	0.099	0.064	1	07/02/24 02:35	07/03/24 11:09	EPA 7471B	1,7471B	JWN
Nickel, Total	14.0		mg/kg	3.02	0.292	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Potassium, Total	641		mg/kg	302	17.4	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	2.41	0.311	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.603	0.342	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Sodium, Total	33.8	J	mg/kg	241	3.80	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	2.41	0.380	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Vanadium, Total	26.4		mg/kg	1.21	0.245	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL
Zinc, Total	136		mg/kg	6.03	0.354	2	07/02/24 01:25	07/02/24 18:58	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-30 Date Collected: 06/26/24 12:55

Client ID: H1_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12000		mg/kg	8.17	2.21	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.09	0.310	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.33		mg/kg	0.817	0.170	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Barium, Total	100		mg/kg	0.817	0.142	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.298	J	mg/kg	0.409	0.027	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.817	0.080	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Calcium, Total	3350		mg/kg	8.17	2.86	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Chromium, Total	21.4		mg/kg	0.817	0.079	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Cobalt, Total	10.8		mg/kg	1.63	0.136	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Copper, Total	42.4		mg/kg	0.817	0.211	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Iron, Total	22100		mg/kg	4.09	0.738	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Lead, Total	6.27		mg/kg	4.09	0.219	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Magnesium, Total	6360		mg/kg	8.17	1.26	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Manganese, Total	342		mg/kg	0.817	0.130	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.069	0.045	1	07/02/24 02:35	07/03/24 11:13	EPA 7471B	1,7471B	JWN
Nickel, Total	18.6		mg/kg	2.04	0.198	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Potassium, Total	4330		mg/kg	204	11.8	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.63	0.211	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.409	0.231	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Sodium, Total	139	J	mg/kg	163	2.57	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Thallium, Total	0.841	J	mg/kg	1.63	0.257	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Vanadium, Total	43.3		mg/kg	0.817	0.166	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL
Zinc, Total	61.4		mg/kg	4.09	0.239	2	07/02/24 01:25	07/02/24 19:02	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-31 Date Collected: 06/26/24 13:30

Client ID: I2_0-0.2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11200		mg/kg	9.88	2.67	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.94	0.376	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.52		mg/kg	0.988	0.206	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Barium, Total	45.9		mg/kg	0.988	0.172	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.372	J	mg/kg	0.494	0.033	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.988	0.097	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Calcium, Total	30600		mg/kg	9.88	3.46	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Chromium, Total	15.5		mg/kg	0.988	0.095	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.31		mg/kg	1.98	0.164	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Copper, Total	27.9		mg/kg	0.988	0.255	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Iron, Total	16200		mg/kg	4.94	0.893	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Lead, Total	4.68	J	mg/kg	4.94	0.265	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Magnesium, Total	20800		mg/kg	9.88	1.52	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Manganese, Total	286		mg/kg	0.988	0.157	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.087	0.057	1	07/02/24 02:35	07/03/24 11:16	EPA 7471B	1,7471B	JWN
Nickel, Total	14.2		mg/kg	2.47	0.239	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Potassium, Total	1140		mg/kg	247	14.2	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.98	0.255	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.494	0.280	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Sodium, Total	58.5	J	mg/kg	198	3.11	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Thallium, Total	0.680	J	mg/kg	1.98	0.311	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Vanadium, Total	23.2		mg/kg	0.988	0.201	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL
Zinc, Total	30.4		mg/kg	4.94	0.290	2	07/02/24 01:25	07/02/24 19:05	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-32 Date Collected: 06/26/24 13:35

Client ID: I2_0.2-2 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11400		mg/kg	8.88	2.40	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.44	0.338	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.66		mg/kg	0.888	0.185	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Barium, Total	47.9		mg/kg	0.888	0.155	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.378	J	mg/kg	0.444	0.029	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.888	0.087	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Calcium, Total	932		mg/kg	8.88	3.11	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Chromium, Total	17.3		mg/kg	0.888	0.085	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.04		mg/kg	1.78	0.148	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Copper, Total	28.6		mg/kg	0.888	0.229	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Iron, Total	17500		mg/kg	4.44	0.802	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Lead, Total	6.10		mg/kg	4.44	0.238	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Magnesium, Total	3690		mg/kg	8.88	1.37	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Manganese, Total	290		mg/kg	0.888	0.141	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.078	0.051	1	07/02/24 02:35	07/03/24 11:26	EPA 7471B	1,7471B	JWN
Nickel, Total	14.4		mg/kg	2.22	0.215	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Potassium, Total	961		mg/kg	222	12.8	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.78	0.229	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.444	0.251	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Sodium, Total	59.4	J	mg/kg	178	2.80	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Thallium, Total	0.331	J	mg/kg	1.78	0.280	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Vanadium, Total	25.3		mg/kg	0.888	0.180	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL
Zinc, Total	31.0		mg/kg	4.44	0.260	2	07/02/24 01:25	07/02/24 19:09	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-35 Date Collected: 06/26/24 10:15

Client ID: FB_06262024 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Barium, Total	0.00018	J	mg/l	0.00050	0.00017	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/01/24 16:45	07/02/24 12:10	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/30/24 16:49	07/01/24 14:48	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436281

Project Number: 3858.0004Y000 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-36 Date Collected: 06/26/24 12:00

Client ID: DUP_06262024 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9650		mg/kg	9.01	2.43	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.50	0.342	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Arsenic, Total	8.60		mg/kg	0.901	0.187	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Barium, Total	47.1		mg/kg	0.901	0.157	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.340	J	mg/kg	0.450	0.030	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.121	J	mg/kg	0.901	0.088	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Calcium, Total	554		mg/kg	9.01	3.15	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Chromium, Total	14.6		mg/kg	0.901	0.087	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.25		mg/kg	1.80	0.150	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Copper, Total	8.68		mg/kg	0.901	0.232	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Iron, Total	11700		mg/kg	4.50	0.814	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Lead, Total	17.4		mg/kg	4.50	0.241	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Magnesium, Total	2780		mg/kg	9.01	1.39	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Manganese, Total	237		mg/kg	0.901	0.143	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Mercury, Total	0.175		mg/kg	0.073	0.048	1	07/02/24 02:35	07/03/24 11:29	EPA 7471B	1,7471B	JWN
Nickel, Total	8.96		mg/kg	2.25	0.218	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Potassium, Total	460		mg/kg	225	13.0	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.80	0.232	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.450	0.255	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Sodium, Total	19.3	J	mg/kg	180	2.84	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.80	0.284	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Vanadium, Total	17.6		mg/kg	0.901	0.183	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL
Zinc, Total	36.4		mg/kg	4.50	0.264	2	07/02/24 01:25	07/02/24 19:12	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 35 Batch: WG1941457-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/30/24 16:49	07/01/24 13:49	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 35 Batch: WG1941847-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/01/24 16:45	07/01/24 19:07	1,7470A	JWN

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-32,36 Batch: WG1941918-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Iron, Total	0.850	J	mg/kg	2.00	0.361	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/02/24 01:25	07/02/24 16:52	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-32,36 Batch: WG1941919-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/02/24 02:35	07/03/24 09:54	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 35 Batch: WG1941457-2								
Aluminum, Total	89		-		80-120	-		
Antimony, Total	82		-		80-120	-		
Arsenic, Total	83		-		80-120	-		
Barium, Total	91		-		80-120	-		
Beryllium, Total	88		-		80-120	-		
Cadmium, Total	86		-		80-120	-		
Calcium, Total	86		-		80-120	-		
Chromium, Total	82		-		80-120	-		
Cobalt, Total	96		-		80-120	-		
Copper, Total	87		-		80-120	-		
Iron, Total	97		-		80-120	-		
Lead, Total	95		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	86		-		80-120	-		
Potassium, Total	108		-		80-120	-		
Selenium, Total	92		-		80-120	-		
Silver, Total	92		-		80-120	-		
Sodium, Total	95		-		80-120	-		
Thallium, Total	95		-		80-120	-		
Vanadium, Total	86		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 35 Batch: WG1941457-2					
Zinc, Total	87	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 35 Batch: WG1941847-2					
Mercury, Total	91	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-32,36 Batch: WG1941918-2					
Aluminum, Total	109	-	80-120	-	
Antimony, Total	108	-	80-120	-	
Arsenic, Total	102	-	80-120	-	
Barium, Total	106	-	80-120	-	
Beryllium, Total	109	-	80-120	-	
Cadmium, Total	105	-	80-120	-	
Calcium, Total	105	-	80-120	-	
Chromium, Total	104	-	80-120	-	
Cobalt, Total	105	-	80-120	-	
Copper, Total	105	-	80-120	-	
Iron, Total	107	-	80-120	-	
Lead, Total	105	-	80-120	-	
Magnesium, Total	104	-	80-120	-	
Manganese, Total	104	-	80-120	-	
Nickel, Total	102	-	80-120	-	
Potassium, Total	107	-	80-120	-	
Selenium, Total	103	-	80-120	-	
Silver, Total	107	-	80-120	-	
Sodium, Total	107	-	80-120	-	
Thallium, Total	103	-	80-120	-	
Vanadium, Total	106	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-32,36 Batch: WG1941918-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-32,36 Batch: WG1941919-2					
Mercury, Total	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 35 QC Batch ID: WG1941457-3 QC Sample: L2436048-01 Client ID: MS Sample												
Aluminum, Total	0.0162	2	1.78	88		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.4645	93		-	-		75-125	-		20
Arsenic, Total	0.00027J	0.12	0.1092	91		-	-		75-125	-		20
Barium, Total	0.1651	2	2.005	92		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.04384	88		-	-		75-125	-		20
Cadmium, Total	0.00007J	0.053	0.04795	90		-	-		75-125	-		20
Calcium, Total	146.	10	138	**0**	Q	-	-		75-125	-		20
Chromium, Total	ND	0.2	0.1773	89		-	-		75-125	-		20
Cobalt, Total	0.00075	0.5	0.4615	92		-	-		75-125	-		20
Copper, Total	ND	0.25	0.2225	89		-	-		75-125	-		20
Iron, Total	0.0378J	1	1.08	108		-	-		75-125	-		20
Lead, Total	ND	0.53	0.5106	96		-	-		75-125	-		20
Magnesium, Total	21.3	10	30.9	96		-	-		75-125	-		20
Manganese, Total	0.2172	0.5	0.7051	98		-	-		75-125	-		20
Nickel, Total	0.00156J	0.5	0.4395	88		-	-		75-125	-		20
Potassium, Total	1.52	10	12.0	105		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.112	93		-	-		75-125	-		20
Silver, Total	ND	0.05	0.04478	90		-	-		75-125	-		20
Sodium, Total	179.	10	181	**20**	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1173	98		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.4693	94		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 35 QC Batch ID: WG1941457-3 QC Sample: L2436048-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4473	89	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 35 QC Batch ID: WG1941847-3 QC Sample: L2435733-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00456	91	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 35 QC Batch ID: WG1941847-5 QC Sample: L2435733-02 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00472	94	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-32,36 QC Batch ID: WG1941918-3 WG1941918-4 QC Sample: L2436281-02 Client ID: H8_0.2-2												
Aluminum, Total	18300	237	18900	**253**	Q	20200	**796**	Q	75-125	7		20
Antimony, Total	ND	59.3	47.3	80		52.7	88		75-125	11		20
Arsenic, Total	9.12	14.2	25.7	116		31.7	**158**	Q	75-125	**21**	Q	20
Barium, Total	89.7	237	334	103		344	106		75-125	3		20
Beryllium, Total	0.710	5.93	6.95	105		7.22	109		75-125	4		20
Cadmium, Total	ND	6.29	6.14	98		6.49	102		75-125	6		20
Calcium, Total	457	1190	1660	101		1760	109		75-125	6		20
Chromium, Total	21.7	23.7	46.7	105		49.6	117		75-125	6		20
Cobalt, Total	6.97	59.3	65.1	98		68.3	103		75-125	5		20
Copper, Total	11.0	29.6	43.3	109		47.5	122		75-125	9		20
Iron, Total	22200	119	21400	**0**	Q	21400	**0**	Q	75-125	0		20
Lead, Total	19.5	62.9	90.2	112		114	**149**	Q	75-125	**23**	Q	20
Magnesium, Total	3930	1190	5040	94		5060	95		75-125	0		20
Manganese, Total	271	59.3	317	78		355	**141**	Q	75-125	11		20
Nickel, Total	14.1	59.3	71.1	96		74.2	101		75-125	4		20
Potassium, Total	375	1190	1820	122		1700	111		75-125	7		20
Selenium, Total	0.354J	14.2	13.9	98		14.8	103		75-125	6		20
Silver, Total	ND	5.93	6.39	108		6.63	111		75-125	4		20
Sodium, Total	32.5J	1190	1280	108		1320	110		75-125	3		20
Thallium, Total	0.460J	14.2	14.4	101		14.5	101		75-125	1		20
Vanadium, Total	29.8	59.3	91.9	105		96.3	111		75-125	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-32,36 QC Batch ID: WG1941918-3 WG1941918-4 QC Sample: L2436281-02 Client ID: H8_0.2-2									
Zinc, Total	48.8	59.3	112	106	122	123	75-125	9	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-32,36 QC Batch ID: WG1941919-3 WG1941919-4 QC Sample: L2436281-02 Client ID: H8_0.2-2									
Mercury, Total	0.112	2.15	2.27	100	2.08	103	80-120	9	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 35 QC Batch ID: WG1941457-4 QC Sample: L2436048-01 Client ID: DUP Sample						
Aluminum, Total	0.0162	0.0143	mg/l	12		20
Antimony, Total	ND	ND	mg/l	NC		20
Arsenic, Total	0.00027J	0.00029J	mg/l	NC		20
Barium, Total	0.1651	0.1616	mg/l	2		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	0.00007J	0.00008J	mg/l	NC		20
Calcium, Total	146.	143	mg/l	2		20
Chromium, Total	ND	ND	mg/l	NC		20
Cobalt, Total	0.00075	0.00072	mg/l	3		20
Copper, Total	ND	ND	mg/l	NC		20
Iron, Total	0.0378J	0.0323J	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Magnesium, Total	21.3	21.7	mg/l	2		20
Manganese, Total	0.2172	0.2085	mg/l	4		20
Nickel, Total	0.00156J	0.00137J	mg/l	NC		20
Potassium, Total	1.52	1.50	mg/l	1		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	179.	184	mg/l	3		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 35 QC Batch ID: WG1941457-4 QC Sample: L2436048-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 35 QC Batch ID: WG1941847-4 QC Sample: L2435733-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 35 QC Batch ID: WG1941847-6 QC Sample: L2435733-02 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2436281
Report Date: 07/05/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-32,36 QC Batch ID: WG1941918-6 QC Sample: L2436281-02 Client ID: H8_0.2-2						
Aluminum, Total	18300	18400	mg/kg	1		20
Barium, Total	89.7	90.2	mg/kg	1		20
Calcium, Total	457	456	mg/kg	0		20
Iron, Total	22200	22800	mg/kg	3		20
Magnesium, Total	3930	4000	mg/kg	2		20
Manganese, Total	271	270	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-01
Client ID: H8_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 08:20
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.915	0.183	1	07/03/24 12:03	07/05/24 09:26	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-02
Client ID: H8_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 08:25
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65.6		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.4	0.30	1	07/02/24 19:50	07/03/24 16:13	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.22	0.244	1	07/03/24 12:03	07/05/24 09:26	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-05
Client ID: H7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 08:55
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.7		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.07	0.214	1	07/03/24 12:03	07/05/24 09:26	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-06
Client ID: H7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 09:00
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	07/02/24 19:50	07/03/24 16:16	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.908	0.182	1	07/03/24 12:03	07/05/24 09:26	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-09
Client ID: H6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 09:30
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.878	0.176	1	07/03/24 12:03	07/05/24 09:26	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-10
Client ID: H6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 09:35
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.7		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	07/02/24 19:50	07/03/24 16:35	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.845	0.169	1	07/03/24 12:03	07/05/24 09:26	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-13
Client ID: H5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 09:55
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.905	0.181	1	07/03/24 12:03	07/05/24 09:26	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-14
Client ID: H5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 10:00
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	07/02/24 19:50	07/03/24 16:22	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.939	0.188	1	07/03/24 12:03	07/05/24 09:26	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-17
Client ID: H4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 10:25
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.960	0.192	1	07/03/24 12:03	07/05/24 09:26	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-18
Client ID: H4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 10:30
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	07/02/24 19:50	07/03/24 16:23	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.892	0.178	1	07/03/24 12:03	07/05/24 09:26	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-21
Client ID: H3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 11:20
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.9		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.13	0.226	1	07/03/24 12:03	07/05/24 10:00	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-22
Client ID: H3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 11:25
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.8		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	07/02/24 19:50	07/03/24 16:24	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.00	0.200	1	07/03/24 12:03	07/05/24 10:00	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-25
Client ID: H2_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 11:50
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.923	0.184	1	07/03/24 12:03	07/05/24 10:00	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-26
Client ID: H2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 11:55
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	07/02/24 19:50	07/03/24 16:25	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.952	0.190	1	07/03/24 12:03	07/05/24 10:00	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-29
Client ID: H1_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 12:50
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	63.4		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.26	0.252	1	07/03/24 12:03	07/05/24 10:00	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-30
Client ID: H1_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 12:55
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.9		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.97	0.21	1	07/02/24 19:50	07/03/24 16:26	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.852	0.170	1	07/03/24 12:03	07/05/24 10:00	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-31
Client ID: I2_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 13:30
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.4		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.01	0.202	1	07/03/24 12:03	07/05/24 10:00	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-32
Client ID: I2_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 13:35
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	07/02/24 19:50	07/03/24 16:27	1,9010C/9012B	JER
Chromium, Hexavalent	0.447	J	mg/kg	0.941	0.188	1	07/03/24 12:03	07/05/24 10:00	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-35
Client ID: FB_06262024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Field Blank

Date Collected: 06/26/24 10:15
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/27/24 10:00	06/27/24 10:13	1,7196A	JBB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2436281-36
Client ID: DUP_06262024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	06/27/24 10:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	07/02/24 19:50	07/03/24 16:28	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.915	0.183	1	07/03/24 12:03	07/05/24 10:00	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436281
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 35 Batch: WG1940240-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/27/24 10:00	06/27/24 10:12	1,7196A	JBB
General Chemistry - Westborough Lab for sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1942504-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	07/02/24 19:50	07/03/24 16:09	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1942733-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	07/03/24 12:03	07/05/24 09:26	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 21-22,25-26,29-32,36 Batch: WG1942735-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	07/03/24 12:03	07/05/24 10:00	1,7196A	RDS

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 35 Batch: WG1940240-2								
Chromium, Hexavalent	96		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 Batch: WG1942504-2 WG1942504-3								
Cyanide, Total	91		96		80-120	5		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1942733-2								
Chromium, Hexavalent	94		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29-32,36 Batch: WG1942735-2								
Chromium, Hexavalent	94		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 35 QC Batch ID: WG1940240-4 QC Sample: L2436281-35 Client ID: FB_06262024												
Chromium, Hexavalent	ND	0.1	0.097	97		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 QC Batch ID: WG1942504-4 WG1942504-5 QC Sample: L2436281-02 Client ID: H8_0.2-2												
Cyanide, Total	ND	14	14	100		15	100		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,18,22,26,30,32,36 QC Batch ID: WG1942504-6 WG1942504-7 QC Sample: L2436281-06 Client ID: H7_0.2-2												
Cyanide, Total	ND	10	10	100		10	100		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1942733-4 WG1942733-5 QC Sample: L2436281-02 Client ID: H8_0.2-2												
Chromium, Hexavalent	ND	1520	1420	93		1490	88		75-125	5		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29-32,36 QC Batch ID: WG1942735-4 QC Sample: L2436281-25 Client ID: H2_0-0.2												
Chromium, Hexavalent	ND	997	759	76		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436281

Report Date: 07/05/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,25-26,29-32,36 QC Batch ID: WG1940162-1 QC Sample: L2436281-02 Client ID: H8_0.2-2						
Solids, Total	65.6	67.0	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 35 QC Batch ID: WG1940240-3 QC Sample: L2436281-35 Client ID: FB_06262024						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1942733-7 QC Sample: L2436281-02 Client ID: H8_0.2-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 21-22,25-26,29-32,36 QC Batch ID: WG1942735-6 QC Sample: L2436281-25 Client ID: H2_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436281-01A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2436281-01B	Glass 120ml/4oz unpreserved	C	NA		3.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-01C	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-02A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-02A1	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-02A2	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-02B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-02B1	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-02B2	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-02C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-02C1	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-02C2	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-02D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436281-02D1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2436281-02D2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2436281-02E	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2436281-02E1	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2436281-02E2	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2436281-02F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-02F1	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-02F2	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-02G	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-02G1	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-02G2	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-02X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-02X1	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-02X2	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-02Y	Vial Water preserved split	A	NA		3.9	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-02Y1	Vial Water preserved split	A	NA		3.9	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-02Y2	Vial Water preserved split	A	NA		3.9	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-02Z	Vial Water preserved split	A	NA		3.9	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436281-02Z1	Vial Water preserved split	A	NA		3.9	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-02Z2	Vial Water preserved split	A	NA		3.9	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-03A	Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		HOLD-METAL(180)
L2436281-03B	Glass 120ml/4oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-03C	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-04A	Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		HOLD-METAL(180)
L2436281-04B	Glass 120ml/4oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-04C	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-05A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2436281-05B	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-05C	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-06A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-06B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-06C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-06D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2436281-06E	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2436281-06F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-06G	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-06X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-06Y	Vial Water preserved split	A	NA		3.9	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436281-06Z	Vial Water preserved split	A	NA		3.9	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-07A	Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		HOLD-METAL(180)
L2436281-07B	Glass 120ml/4oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-07C	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-08A	Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		HOLD-METAL(180)
L2436281-08B	Glass 120ml/4oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-08C	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-09A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2436281-09B	Glass 120ml/4oz unpreserved	C	NA		3.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-09C	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-10A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-10B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-10C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-10D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2436281-10E	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2436281-10F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-10G	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-10X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-10Y	Vial Water preserved split	A	NA		3.9	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-10Z	Vial Water preserved split	A	NA		3.9	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436281-11A	Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		HOLD-METAL(180)
L2436281-11B	Glass 120ml/4oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-11C	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-12A	Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		HOLD-METAL(180)
L2436281-12B	Glass 120ml/4oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-12C	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-13A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2436281-13B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-13C	Glass 250ml/8oz unpreserved	D	NA		4.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-14A	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-14B	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-14C	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-14D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2436281-14E	Plastic 2oz unpreserved for TS	B	NA		3.8	Y	Absent		TS(7)
L2436281-14F	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-14G	Glass 500ml/16oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-14X	Vial MeOH preserved split	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-14Y	Vial Water preserved split	B	NA		3.8	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-14Z	Vial Water preserved split	B	NA		3.8	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-15A	Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436281-15B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-15C	Glass 250ml/8oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-16A	Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		HOLD-METAL(180)
L2436281-16B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-16C	Glass 250ml/8oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-17A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2436281-17B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-17C	Glass 250ml/8oz unpreserved	D	NA		4.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-18A	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-18B	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-18C	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-18D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2436281-18E	Plastic 2oz unpreserved for TS	B	NA		3.8	Y	Absent		TS(7)
L2436281-18F	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-18G	Glass 500ml/16oz unpreserved	B	NA		3.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-18X	Vial MeOH preserved split	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-18Y	Vial Water preserved split	B	NA		3.8	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-18Z	Vial Water preserved split	B	NA		3.8	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-19A	Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436281-19B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-19C	Glass 250ml/8oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-20A	Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		HOLD-METAL(180)
L2436281-20B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-20C	Glass 250ml/8oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-21A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2436281-21B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-21C	Glass 250ml/8oz unpreserved	D	NA		4.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-22A	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-22B	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-22C	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-22D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2436281-22E	Plastic 2oz unpreserved for TS	B	NA		3.8	Y	Absent		TS(7)
L2436281-22F	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-22G	Glass 500ml/16oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-22X	Vial MeOH preserved split	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-22Y	Vial Water preserved split	B	NA		3.8	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-22Z	Vial Water preserved split	B	NA		3.8	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-23A	Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436281-23B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-23C	Glass 250ml/8oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-24A	Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		HOLD-METAL(180)
L2436281-24B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-24C	Glass 250ml/8oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-25A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2436281-25B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-25C	Glass 250ml/8oz unpreserved	D	NA		4.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-26A	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-26B	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-26C	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-26D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2436281-26E	Plastic 2oz unpreserved for TS	B	NA		3.8	Y	Absent		TS(7)
L2436281-26F	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-26G	Glass 500ml/16oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-26X	Vial MeOH preserved split	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-26Y	Vial Water preserved split	B	NA		3.8	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-26Z	Vial Water preserved split	B	NA		3.8	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-27A	Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436281-27B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-27C	Glass 250ml/8oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-28A	Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		HOLD-METAL(180)
L2436281-28B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-28C	Glass 250ml/8oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-29A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2436281-29B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-29C	Glass 250ml/8oz unpreserved	D	NA		4.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-30A	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-30B	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-30C	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-30D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2436281-30E	Plastic 2oz unpreserved for TS	B	NA		3.8	Y	Absent		TS(7)
L2436281-30F	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-30G	Glass 500ml/16oz unpreserved	B	NA		3.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-30X	Vial MeOH preserved split	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2436281-30Y	Vial Water preserved split	B	NA		3.8	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-30Z	Vial Water preserved split	B	NA		3.8	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436281-31A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2436281-31B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-31C	Glass 250ml/8oz unpreserved	D	NA		4.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436281-32A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-32B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-32C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-32D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2436281-32E	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2436281-32F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-32G	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-32X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-32Y	Vial Water preserved split	A	NA		3.9	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-32Z	Vial Water preserved split	A	NA		3.9	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-33A	Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		HOLD-METAL(180)
L2436281-33B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-33C	Glass 250ml/8oz unpreserved	D	NA		4.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-34A	Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		HOLD-METAL(180)
L2436281-34B	Glass 120ml/4oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-34C	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436281-35A	Amber 120ml unpreserved	C	7	7	3.6	Y	Absent		NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436281
Report Date: 07/05/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436281-35B	Amber 120ml unpreserved	C	7	7	3.6	Y	Absent		NYTCL-8081(7)
L2436281-35C	Plastic 250ml HNO3 preserved	C	<2	<2	3.6	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2436281-35D	Plastic 250ml unpreserved	C	7	7	3.6	Y	Absent		HEXCR-7196(1)
L2436281-35E	Amber 1000ml unpreserved	C	7	7	3.6	Y	Absent		HERB-APA(7)
L2436281-35F	Amber 1000ml unpreserved	C	7	7	3.6	Y	Absent		HERB-APA(7)
L2436281-36A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-36B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-36C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-36D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2436281-36E	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2436281-36F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-36G	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436281-36X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2436281-36Y	Vial Water preserved split	A	NA		3.9	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-36Z	Vial Water preserved split	A	NA		3.9	Y	Absent	27-JUN-24 11:31	NYTCL-8260HLW(14)
L2436281-37A	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L2436281-37B	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436281
Project Number:	3858.0004Y000	**Report Date:**	07/05/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436281
Project Number:	3858.0004Y000	**Report Date:**	07/05/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436281
Project Number:	3858.0004Y000	**Report Date:**	07/05/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436281
Project Number:	3858.0004Y000	**Report Date:**	07/05/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/27/24

ALPHA Job #: L2436281

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottle
36281-01	HB_0-0.2	6/26/24	0820	S	EL			X	X	X	X				3
02	HB_0.2-2		0825	S	EL	X	X	X	X	X	X	X	X	MS/MSD	21
03	HB_2-4		0830	S	EL			H	H	H	H			HOLD	3
04	HB_4-6		0835	S	EL			H	H	H	H			HOLD	3
05	H7_0-0.2		0855	S	EL			X	X	X	X				3
06	H7_0.2-2		0900	S	EL	X	X	X	X	X	X	X	X		7
07	H7_2-4		0905	S	EL			H	H	H	H			HOLD	3
08	H7_4-6		0910	S	EL			H	H	H	H			HOLD	3
09	H6_0-0.2		0930	S	EL			X	X	X	X				3
10	H6_0.2-2		0935	S	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/26/24 1420		6/26/24 1420
	6/26/24 1735		6/26/24 1735
	6/26/24		6/26 2230
	6/27 215		6/27/24 0215

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd In Lab: 6/27/21

ALPHA Job #: L2436281

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottle
36281-11	H6_2-4	6/26/24	~~0950~~ 0940	S	EL			H	H	H	H			HOLD	3
12	H6_4-6		0945	S	EL			H	H	H	H			HOLD	3
13	H5_0-0.2		0935	S	EL			X	X	X	X				3
14	H5_0.2-2		1000	S	EL	X	X	X	X	X	X	X	X		7
15	H5_2-4		1005	S	EL			H	H	H	H			HOLD	3
16	H5_4-6		1010	S	EL			H	H	H	H			HOLD	3
17	H4_0-0.2		1025	S	EL			X	X	X	X				3
18	H4_0.2-2		1030	S	EL	X	X	X	X	X	X	X	X		7
19	H4_2-4		1035	S	EL			H	H	H	H			HOLD	3
20	~~H4_4-6~~ H4_4-6		1040	S	EL			H	H	H	H			HOLD	3
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/26/24 1420		6/26/24 1420
	6/26/24 1735		6/26/24 1735
	6/26/24		6/26 2230
	6/27 215		6/27/24 0215

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 4

Date Rec'd in Lab: 6/27/24

ALPHA Job #: L2436281

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottle
36281-21	H3_0-0.2	6/26/24	1120	S	EL			X	X	X	X				3
22	H3_0.2-2		1125	S	EL	X	X	X	X	X	X	X	X		7
23	H3_2-4		1130	S	EL			H	H	H	H			HOLD	3
24	H3_4-6		1135	S	EL			H	H	H	H			HOLD	3
25	H2_0-0.2		1150	S	EL			X	X	X	X				3
26	H2_0.2-2		1155	S	EL	X	X	X	X	X	X	X	X		7
27	H2_2-4		1205	S	EL			H	H	H	H			HOLD	3
28	H2_4-6		1210	S	EL			H	H	H	H			HOLD	3
29	H1_0-0.2		1250	S	EL			X	X	X	X				3
30	H1_0.2-2		1255	S	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/26/24 1420		6/26/24 1420
	6/26/24 1735		6/26/24 18:35
	6/26/24		6/26 2230
	6/27 215		6/27/24 0215

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 4 of 4

Date Rec'd in Lab: 6/27/24

ALPHA Job #: L2436281

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☑ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottle
36281-31	I2-0-0.2	6/26/24	1330	S	EL			X	X	X	X				3
32	I2-0.2-2		1335	S	EL	X	X	X	X	X	X	X	X		1
33	I2-2-4		1340	S	EL			H	H	H	H			Hold	3
34	I2-4-6		1345	S	EL			H	H	H	H			Hold	3
35	FB-06262024	"	1215	W	EL			X	X	X	X				6
36	DUP-06262024	"	1200	S	EL	X	X	X	X	X	X	X	X		1
37	TB-06262024	6/20/24	—	W	EL	X									2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/26/24 1420		6/26/24 1420
	6/26/24 1735		6/26/24 18:35
	6/27/24 0915		6/26 2330
			6/27/24 0915

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2436294
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/28/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436294
Report Date: 06/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436294-01	D11_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 09:10	06/17/24
L2436294-02	D10_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 09:55	06/17/24
L2436294-03	D8_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 11:10	06/17/24
L2436294-04	D6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 12:40	06/17/24
L2436294-05	D5_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/17/24 13:25	06/17/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436294
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436294
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2436294-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1939957 CCV recovery, associated with L2436294-02, was above the acceptance criteria for thallium. Any associated samples with positive detections were re-analyzed under a passing CCV. The samples that were non-detect for this element are reporting results from the original analyses.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 06/28/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436294
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-01
Client ID: D11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:10
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/24 20:41
Analyst: KB
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 18:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	A
Lindane	ND		ug/kg	0.774	0.346	1	A
Alpha-BHC	ND		ug/kg	0.774	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.704	1	A
Heptachlor	ND		ug/kg	0.929	0.416	1	A
Aldrin	ND		ug/kg	1.86	0.654	1	A
Heptachlor epoxide	ND		ug/kg	3.48	1.04	1	B
Endrin	ND		ug/kg	0.774	0.317	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.813	1	A
Endrin ketone	ND		ug/kg	1.86	0.478	1	A
Dieldrin	0.712	J	ug/kg	1.16	0.580	1	A
4,4'-DDE	2.84		ug/kg	1.86	0.430	1	A
4,4'-DDD	ND		ug/kg	1.86	0.662	1	A
4,4'-DDT	ND		ug/kg	1.86	1.49	1	A
Endosulfan I	ND		ug/kg	1.86	0.439	1	A
Endosulfan II	ND		ug/kg	1.86	0.621	1	A
Endosulfan sulfate	ND		ug/kg	0.774	0.368	1	A
Methoxychlor	ND		ug/kg	3.48	1.08	1	A
Toxaphene	ND		ug/kg	34.8	9.75	1	A
cis-Chlordane	ND	IP	ug/kg	2.32	0.647	1	B
trans-Chlordane	ND		ug/kg	2.32	0.613	1	B
Chlordane	ND		ug/kg	15.5	6.15	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436294

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-01 Date Collected: 06/17/24 09:10

Client ID: D11_2-4 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436294
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-02
Client ID: D10_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 09:55
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/24 20:53
Analyst: KB
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 18:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.695	0.311	1	A
Alpha-BHC	ND		ug/kg	0.695	0.197	1	A
Beta-BHC	ND		ug/kg	1.67	0.632	1	A
Heptachlor	ND		ug/kg	0.834	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.587	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.938	1	A
Endrin	ND		ug/kg	0.695	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.730	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	ND		ug/kg	1.04	0.521	1	A
4,4'-DDE	ND		ug/kg	1.67	0.386	1	A
4,4'-DDD	ND		ug/kg	1.67	0.595	1	A
4,4'-DDT	ND		ug/kg	1.67	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.394	1	A
Endosulfan II	ND		ug/kg	1.67	0.557	1	A
Endosulfan sulfate	ND		ug/kg	0.695	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.973	1	A
Toxaphene	ND		ug/kg	31.3	8.76	1	A
cis-Chlordane	ND		ug/kg	2.08	0.581	1	A
trans-Chlordane	ND		ug/kg	2.08	0.550	1	A
Chlordane	ND		ug/kg	13.9	5.52	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436294

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-02 Date Collected: 06/17/24 09:55

Client ID: D10_2-4 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436294
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-03
Client ID: D8_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 11:10
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/24 21:04
Analyst: KB
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 18:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.713	0.318	1	A
Alpha-BHC	ND		ug/kg	0.713	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.648	1	A
Heptachlor	ND		ug/kg	0.855	0.383	1	A
Aldrin	ND		ug/kg	1.71	0.602	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.962	1	A
Endrin	ND		ug/kg	0.713	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.748	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	ND		ug/kg	1.07	0.534	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.610	1	A
4,4'-DDT	ND		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.713	0.339	1	A
Methoxychlor	ND		ug/kg	3.21	0.998	1	A
Toxaphene	ND		ug/kg	32.1	8.98	1	A
cis-Chlordane	ND		ug/kg	2.14	0.596	1	A
trans-Chlordane	ND		ug/kg	2.14	0.564	1	A
Chlordane	ND		ug/kg	14.2	5.66	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436294

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-03 Date Collected: 06/17/24 11:10

Client ID: D8_2-4 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436294
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-04
Client ID: D6_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 12:40
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/24 21:15
Analyst: KB
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 18:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.377	1	A
Lindane	ND		ug/kg	0.802	0.358	1	A
Alpha-BHC	ND		ug/kg	0.802	0.228	1	A
Beta-BHC	ND		ug/kg	1.92	0.730	1	A
Heptachlor	ND		ug/kg	0.962	0.431	1	A
Aldrin	ND		ug/kg	1.92	0.678	1	A
Heptachlor epoxide	ND		ug/kg	3.61	1.08	1	A
Endrin	ND		ug/kg	0.802	0.329	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.842	1	A
Endrin ketone	ND		ug/kg	1.92	0.496	1	A
Dieldrin	ND		ug/kg	1.20	0.601	1	A
4,4'-DDE	ND		ug/kg	1.92	0.445	1	B
4,4'-DDD	ND		ug/kg	1.92	0.686	1	A
4,4'-DDT	ND		ug/kg	1.92	1.55	1	A
Endosulfan I	ND		ug/kg	1.92	0.455	1	A
Endosulfan II	ND		ug/kg	1.92	0.643	1	A
Endosulfan sulfate	ND		ug/kg	0.802	0.382	1	A
Methoxychlor	ND		ug/kg	3.61	1.12	1	A
Toxaphene	ND		ug/kg	36.1	10.1	1	A
cis-Chlordane	ND		ug/kg	2.40	0.670	1	A
trans-Chlordane	ND		ug/kg	2.40	0.635	1	A
Chlordane	ND		ug/kg	16.0	6.38	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436294

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-04 Date Collected: 06/17/24 12:40

Client ID: D6_2-4 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436294
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-05
Client ID: D5_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/17/24 13:25
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 11:32
Analyst: AKM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 18:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.322	1	A
Lindane	ND		ug/kg	0.686	0.307	1	A
Alpha-BHC	ND		ug/kg	0.686	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.624	1	A
Heptachlor	ND		ug/kg	0.824	0.369	1	A
Aldrin	ND		ug/kg	1.65	0.580	1	A
Heptachlor epoxide	ND		ug/kg	3.09	0.926	1	A
Endrin	ND		ug/kg	0.686	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.721	1	A
Endrin ketone	ND		ug/kg	1.65	0.424	1	A
Dieldrin	1.03		ug/kg	1.03	0.515	1	B
4,4'-DDE	0.405	JIP	ug/kg	1.65	0.381	1	A
4,4'-DDD	ND		ug/kg	1.65	0.587	1	A
4,4'-DDT	ND		ug/kg	1.65	1.32	1	B
Endosulfan I	ND		ug/kg	1.65	0.389	1	A
Endosulfan II	ND		ug/kg	1.65	0.550	1	A
Endosulfan sulfate	ND		ug/kg	0.686	0.327	1	A
Methoxychlor	ND		ug/kg	3.09	0.961	1	A
Toxaphene	ND		ug/kg	30.9	8.65	1	A
cis-Chlordane	ND	IP	ug/kg	2.06	0.574	1	B
trans-Chlordane	0.891	JIP	ug/kg	2.06	0.544	1	A
Chlordane	ND		ug/kg	13.7	5.46	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436294

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-05 Date Collected: 06/17/24 13:25

Client ID: D5_2-4 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436294
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/27/24 19:23
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 06/26/24 18:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1939887-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.654	0.292	A
Alpha-BHC	ND		ug/kg	0.654	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.595	A
Heptachlor	ND		ug/kg	0.784	0.352	A
Aldrin	ND		ug/kg	1.57	0.552	A
Heptachlor epoxide	ND		ug/kg	2.94	0.882	A
Endrin	ND		ug/kg	0.654	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.686	A
Endrin ketone	ND		ug/kg	1.57	0.404	A
Dieldrin	ND		ug/kg	0.980	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.559	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.370	A
Endosulfan II	ND		ug/kg	1.57	0.524	A
Endosulfan sulfate	ND		ug/kg	0.654	0.311	A
Methoxychlor	ND		ug/kg	2.94	0.915	A
Toxaphene	ND		ug/kg	29.4	8.24	A
cis-Chlordane	ND		ug/kg	1.96	0.546	A
trans-Chlordane	ND		ug/kg	1.96	0.518	A
Chlordane	ND		ug/kg	13.1	5.20	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436294
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/27/24 19:23
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 06/26/24 18:49
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1939887-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	93		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436294

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1939887-2 WG1939887-3									
Delta-BHC	69		88		30-150	24		30	A
Lindane	66		82		30-150	22		30	A
Alpha-BHC	65		83		30-150	24		30	A
Beta-BHC	65		80		30-150	21		30	A
Heptachlor	65		81		30-150	22		30	A
Aldrin	63		79		30-150	23		30	A
Heptachlor epoxide	60		72		30-150	18		30	A
Endrin	71		86		30-150	19		30	A
Endrin aldehyde	61		73		30-150	18		30	A
Endrin ketone	73		87		30-150	18		30	A
Dieldrin	73		89		30-150	20		30	A
4,4'-DDE	64		78		30-150	20		30	A
4,4'-DDD	72		88		30-150	20		30	A
4,4'-DDT	72		87		30-150	19		30	A
Endosulfan I	64		79		30-150	21		30	A
Endosulfan II	71		85		30-150	18		30	A
Endosulfan sulfate	65		77		30-150	17		30	A
Methoxychlor	80		96		30-150	18		30	A
cis-Chlordane	60		73		30-150	20		30	A
trans-Chlordane	71		87		30-150	20		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436294

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1939887-2 WG1939887-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		71		30-150	A
Decachlorobiphenyl	66		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		81		30-150	B
Decachlorobiphenyl	76		87		30-150	B

METALS

Project Name: ELMWOOD PRESERVE
Lab Number: L2436294
Project Number: 3858.0004Y000
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-01
Client ID: D11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/17/24 09:10
Date Received: 06/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18800		mg/kg	9.04	2.44	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	4.52	0.344	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Arsenic, Total	1.91		mg/kg	0.904	0.188	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Barium, Total	156		mg/kg	0.904	0.157	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.437	J	mg/kg	0.452	0.030	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	0.904	0.089	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Calcium, Total	430		mg/kg	9.04	3.16	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Chromium, Total	31.0		mg/kg	0.904	0.087	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Cobalt, Total	8.90		mg/kg	1.81	0.150	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Copper, Total	27.5		mg/kg	0.904	0.233	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Iron, Total	32800		mg/kg	4.52	0.816	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Lead, Total	5.26		mg/kg	4.52	0.242	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Magnesium, Total	6240		mg/kg	9.04	1.39	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Manganese, Total	374		mg/kg	0.904	0.144	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/27/24 02:22	06/27/24 17:54	EPA 7471B	1,7471B	JWN
Nickel, Total	15.3		mg/kg	2.26	0.219	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Potassium, Total	7800		mg/kg	226	13.0	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	1.81	0.233	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.452	0.256	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Sodium, Total	75.0	J	mg/kg	181	2.85	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Thallium, Total	1.31	J	mg/kg	1.81	0.285	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Vanadium, Total	48.2		mg/kg	0.904	0.184	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY
Zinc, Total	65.9		mg/kg	4.52	0.265	2	06/27/24 01:35	06/28/24 11:41	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436294

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-02 Date Collected: 06/17/24 09:55

Client ID: D10_2-4 Date Received: 06/17/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16400		mg/kg	8.17	2.20	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.08	0.310	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Arsenic, Total	0.576	J	mg/kg	0.817	0.170	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Barium, Total	159		mg/kg	0.817	0.142	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.085	J	mg/kg	0.408	0.027	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.118	J	mg/kg	0.817	0.080	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Calcium, Total	334		mg/kg	8.17	2.86	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Chromium, Total	22.8		mg/kg	0.817	0.078	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Cobalt, Total	13.2		mg/kg	1.63	0.136	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Copper, Total	22.8		mg/kg	0.817	0.211	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Iron, Total	30400		mg/kg	4.08	0.738	2	06/27/24 01:35	06/28/24 11:45	EPA 3050B	1,6010D	CEY
Lead, Total	4.81		mg/kg	4.08	0.219	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Magnesium, Total	5100		mg/kg	8.17	1.26	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Manganese, Total	308		mg/kg	0.817	0.130	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/27/24 02:22	06/27/24 17:57	EPA 7471B	1,7471B	JWN
Nickel, Total	16.0		mg/kg	2.04	0.198	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Potassium, Total	5470		mg/kg	204	11.8	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.63	0.211	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.408	0.231	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Sodium, Total	52.2	J	mg/kg	163	2.57	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Thallium, Total	0.300	J	mg/kg	1.63	0.257	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Vanadium, Total	37.5		mg/kg	0.817	0.166	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC
Zinc, Total	74.9		mg/kg	4.08	0.239	2	06/27/24 01:35	06/27/24 23:04	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436294

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1939869-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Iron, Total	0.571	J	mg/kg	2.00	0.361	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/27/24 01:35	06/27/24 08:56	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1939870-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/27/24 02:22	06/27/24 16:41	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436294
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436294

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1939869-2								
Aluminum, Total	111		-		80-120	-		
Antimony, Total	106		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	109		-		80-120	-		
Beryllium, Total	109		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	105		-		80-120	-		
Chromium, Total	108		-		80-120	-		
Cobalt, Total	103		-		80-120	-		
Copper, Total	106		-		80-120	-		
Iron, Total	110		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	105		-		80-120	-		
Nickel, Total	100		-		80-120	-		
Potassium, Total	109		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	110		-		80-120	-		
Sodium, Total	106		-		80-120	-		
Thallium, Total	101		-		80-120	-		
Vanadium, Total	105		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436294

Report Date: 06/28/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1939869-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1939870-2					
Mercury, Total	97	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436294
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1939869-3 QC Sample: L2436258-01 Client ID: MS Sample												
Aluminum, Total	15800	181	16400	**332**	Q	-	-		75-125	-		20
Antimony, Total	ND	45.2	41.5	92		-	-		75-125	-		20
Arsenic, Total	2.46	10.8	12.5	92		-	-		75-125	-		20
Barium, Total	75.2	181	253	98		-	-		75-125	-		20
Beryllium, Total	0.468	4.52	4.80	96		-	-		75-125	-		20
Cadmium, Total	ND	4.79	4.52	94		-	-		75-125	-		20
Calcium, Total	635	904	1480	93		-	-		75-125	-		20
Chromium, Total	23.7	18.1	39.7	88		-	-		75-125	-		20
Cobalt, Total	12.8	45.2	53.5	90		-	-		75-125	-		20
Copper, Total	21.4	22.6	44.3	101		-	-		75-125	-		20
Iron, Total	23200	90.4	21900	**0**	Q	-	-		75-125	-		20
Lead, Total	8.82	47.9	51.5	89		-	-		75-125	-		20
Magnesium, Total	4680	904	5770	120		-	-		75-125	-		20
Manganese, Total	519	45.2	399	**0**	Q	-	-		75-125	-		20
Nickel, Total	16.7	45.2	58.6	93		-	-		75-125	-		20
Potassium, Total	2020	904	2770	83		-	-		75-125	-		20
Selenium, Total	ND	10.8	8.88	82		-	-		75-125	-		20
Silver, Total	ND	4.52	4.44	98		-	-		75-125	-		20
Sodium, Total	45.6J	904	912	101		-	-		75-125	-		20
Thallium, Total	ND	10.8	9.25	85		-	-		75-125	-		20
Vanadium, Total	34.5	45.2	74.8	89		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436294
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1939869-3 QC Sample: L2436258-01 Client ID: MS Sample									
Zinc, Total	41.8	45.2	86.0	98	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1939870-3 QC Sample: L2436258-01 Client ID: MS Sample									
Mercury, Total	ND	1.59	1.60	101	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436294
Report Date: 06/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1939869-4 QC Sample: L2436258-01 Client ID: DUP Sample						
Aluminum, Total	15800	16200	mg/kg	3		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.46	1.72	mg/kg	**35**	Q	20
Barium, Total	75.2	73.0	mg/kg	3		20
Beryllium, Total	0.468	0.445	mg/kg	5		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	635	632	mg/kg	0		20
Chromium, Total	23.7	21.6	mg/kg	9		20
Cobalt, Total	12.8	8.74	mg/kg	**38**	Q	20
Copper, Total	21.4	21.0	mg/kg	2		20
Iron, Total	23200	20700	mg/kg	11		20
Lead, Total	8.82	7.42	mg/kg	17		20
Magnesium, Total	4680	4460	mg/kg	5		20
Manganese, Total	519	342	mg/kg	**41**	Q	20
Nickel, Total	16.7	15.0	mg/kg	11		20
Potassium, Total	2020	1630	mg/kg	**21**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	45.6J	43.6J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436294

Report Date: 06/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1939869-4 QC Sample: L2436258-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	34.5	29.5	mg/kg	16	20
Zinc, Total	41.8	40.5	mg/kg	3	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1939870-4 QC Sample: L2436258-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2436294
Report Date: 06/28/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1939869-6 QC Sample: L2436258-01 Client ID: DUP Sample						
Aluminum, Total	15800	17300	mg/kg	9		20
Barium, Total	75.2	83.0	mg/kg	10		20
Calcium, Total	635	713	mg/kg	12		20
Chromium, Total	23.7	26.5	mg/kg	12		20
Iron, Total	23200	27500	mg/kg	19		20
Magnesium, Total	4680	5270	mg/kg	13		20
Manganese, Total	519	586	mg/kg	13		20
Vanadium, Total	34.5	38.3	mg/kg	11		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436294
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-01
Client ID: D11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 09:10
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	06/26/24 22:22	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436294
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-02
Client ID: D10_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 09:55
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.1		%	0.100	NA	1	-	06/26/24 22:22	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436294
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-03
Client ID: D8_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 11:10
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	06/26/24 22:22	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436294
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-04
Client ID: D6_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 12:40
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	06/26/24 22:22	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436294
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436294-05
Client ID: D5_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/17/24 13:25
Date Received: 06/17/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.4		%	0.100	NA	1	-	06/26/24 22:22	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436294

Report Date: 06/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1939947-1 QC Sample: L2433393-03 Client ID: DUP Sample						
Solids, Total	58.9	65.5	%	11		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436294
Report Date: 06/28/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436294-01B	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		TS(7),NYTCL-8081(14)
L2436294-01C	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2436294-02B	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		TS(7),NYTCL-8081(14)
L2436294-02C	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2436294-03B	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		TS(7),NYTCL-8081(14)
L2436294-04B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		TS(7),NYTCL-8081(14)
L2436294-05B	Glass 250ml/8oz unpreserved	B	NA		5.2	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436294
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436294
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436294
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436294
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2436294 6/6/24 AJK

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/18/24

ALPHA Job #: L2436294

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: riombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☑ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL/Part 375 VOCs; TCL/Part 375 SVOCs; TAL/Part 375 Metals; Hexavalent Chromium; TCL/Part 375 Pesticides; TCL/Part 375 Herbicides; TCL/Part 375 PCBs; Total Cyanide

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments	Total Bottle
294056 -01	DH-0-0.2	6/17/24	0900	S	EL		3
-02	DH-0.2-2		0905	S	EL		21
-03	DH-2-4		0910	S	EL	TAL, NYTEL Soil, TS	3
-04	DH-4-6		0915	S	EL		3
-05	DIO-0-0.2		0945	S	EL		3
-06	DIO-0.2-2		0950	S	EL		3
-07	DIO-2-4		0955	S	EL	TAL, NYTEL. Soil, TS	3
-08	DIO-4-6		1000	S	EL		3
-09	DII-0-0.2		1040	S	EL		3
-10	DII-0.2-2		1045	S	EL		3

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/17/24 1500	Pace	6/17 15:04
Pace	6/17 17:30		6/17/24 18:35
	6/18/24 1115		6/18 2200
			6/18/24 0115

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS

Form No: 01-25 (rev. 30-Sept-2013)

Serial No:06282415:57

L2436299 6/26/24 AJK

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL LABORATORIES

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 2 of 4

Date Rec'd in Lab: 6/18/24

ALPHA Job #: L2434053

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 650 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☑ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
11	DP-2-4	6/17/24	1050	S	EL										3
12	DP-4-6		1055	S	EL										3
13	DP-D-0.2		1100	S	EL										3
14	DP-D.2-2		1105	S	EL	X	X	X	X	X	X	X	X		7
15	DP-2-4		1110	S	EL								X	NYTCL-8081, TS	3
16	DP-4-6		1115	S	EL										3
17	DP-D-0.2		1205	S	EL										3
18	DP-D.2-2		1210	S	EL	X	X	X	X	X	X	X	X		7
19	DP-2-4		1215	S	EL										
20	DP-4-6		1220	S	EL										

-03

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code:
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/17/24 1500	PACE	6/17 1504
PACE	6/17 1750		6/17/24 1835
	6/17/24		6/17 2200
	6/18		6/18/24 0115

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

L2436294 6/26/24 AJK

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 4 of 4

Date Rec'd In Lab: 6/18/24

ALPHA Job #: L2436056

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL/Part 375 VOCs + 10 TICs, Total Solids | TCL/Part 375 SVOCs + 10 TICs, Total Solids | TAL/Part 375 Metals | Hexavalent Chromium | TCL/Part 375 Pesticides | TCL/Part 375 Herbicides | TCL/Part 375 PCBs | Total Cyanide

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 SVOCs + 10 TICs, Total Solids	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
31050 21	06-0-0.2	6/17/24	1230	S	BL			X	X	X	X				3
22	06-0.2-2		1235	S	BL	X	X	X	X	X	X	X	X		7
-04 23	06-2-4		1240	S	BL								X	NYCC-Soil, TS	3
24	06-4-6		1245	S	BL									[illegible]	3
25	05-0-0.2		1315	S	BL			X	X	X	X				3
26	05-0.2-2		1320	S	BL	X	X	X	X	X	X	X	X		7
-05 27	05-2-4		1325	S	BL								X	NYCC-Soil, TS	3
28	05-4-6		1330	S	BL									[illegible]	3
29	04-0-0.2		1350	S	BL			X	X	X	X				3
30	04-0.2-2		1355	S	BL	X	X	X	X	X	X	X	X		7

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By	Date/Time	Received By	Date/Time
BL	6/17/24 1500	[illegible] PACE	6/17 15:04
[illegible] PACE	6/17 17:50	[illegible]	6/17/24 18:3[illegible]
[illegible] ME	6/18 115	[illegible]	6/17 9700
			6/18/24 0115

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2436308
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	06/28/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436308
Report Date: 06/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436308-01	E3_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 08:40	06/18/24
L2436308-02	E4_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 10:45	06/18/24
L2436308-03	E6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 10:45	06/18/24
L2436308-04	E10_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 13:20	06/18/24
L2436308-05	E11_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 13:50	06/18/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436308
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436308
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2436308-01, -03, and -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 06/28/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Lab Number: L2436308
Project Number: 3858.0004Y000
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-01
Client ID: E3_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 08:40
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 09:22
Analyst: AKM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 13:37
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.320	1	A
Lindane	ND		ug/kg	0.680	0.304	1	A
Alpha-BHC	ND		ug/kg	0.680	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.619	1	A
Heptachlor	ND		ug/kg	0.816	0.366	1	A
Aldrin	ND		ug/kg	1.63	0.574	1	A
Heptachlor epoxide	ND		ug/kg	3.06	0.918	1	A
Endrin	ND		ug/kg	0.680	0.279	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.714	1	A
Endrin ketone	ND		ug/kg	1.63	0.420	1	A
Dieldrin	ND		ug/kg	1.02	0.510	1	A
4,4'-DDE	ND		ug/kg	1.63	0.377	1	A
4,4'-DDD	ND		ug/kg	1.63	0.582	1	A
4,4'-DDT	ND		ug/kg	1.63	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.386	1	A
Endosulfan II	ND		ug/kg	1.63	0.545	1	A
Endosulfan sulfate	ND		ug/kg	0.680	0.324	1	A
Methoxychlor	ND		ug/kg	3.06	0.952	1	A
Toxaphene	ND		ug/kg	30.6	8.57	1	A
cis-Chlordane	ND		ug/kg	2.04	0.568	1	A
trans-Chlordane	ND		ug/kg	2.04	0.538	1	A
Chlordane	ND		ug/kg	13.6	5.40	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436308

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-01 Date Collected: 06/18/24 08:40

Client ID: E3_2-4 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436308
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-02
Client ID: E4_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 10:45
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 09:33
Analyst: AKM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 13:37
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.732	0.327	1	A
Alpha-BHC	ND		ug/kg	0.732	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.666	1	A
Heptachlor	ND		ug/kg	0.879	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.619	1	A
Heptachlor epoxide	1.40	J	ug/kg	3.30	0.989	1	B
Endrin	ND		ug/kg	0.732	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.769	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	0.800	J	ug/kg	1.10	0.549	1	A
4,4'-DDE	2.79		ug/kg	1.76	0.406	1	B
4,4'-DDD	ND		ug/kg	1.76	0.627	1	A
4,4'-DDT	ND		ug/kg	1.76	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.587	1	A
Endosulfan sulfate	ND		ug/kg	0.732	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.02	1	A
Toxaphene	ND		ug/kg	33.0	9.23	1	A
cis-Chlordane	1.21	JIP	ug/kg	2.20	0.612	1	B
trans-Chlordane	2.18	J	ug/kg	2.20	0.580	1	B
Chlordane	ND		ug/kg	14.6	5.82	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436308

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-02 Date Collected: 06/18/24 10:45

Client ID: E4_2-4 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436308
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-03
Client ID: E6_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 10:45
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 09:45
Analyst: AKM
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 13:37
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.26	0.442	1	A
Lindane	ND		ug/kg	0.942	0.421	1	A
Alpha-BHC	ND		ug/kg	0.942	0.267	1	A
Beta-BHC	ND		ug/kg	2.26	0.857	1	A
Heptachlor	ND		ug/kg	1.13	0.506	1	A
Aldrin	ND		ug/kg	2.26	0.796	1	A
Heptachlor epoxide	ND		ug/kg	4.24	1.27	1	A
Endrin	ND		ug/kg	0.942	0.386	1	A
Endrin aldehyde	ND		ug/kg	2.82	0.989	1	A
Endrin ketone	ND		ug/kg	2.26	0.582	1	A
Dieldrin	ND		ug/kg	1.41	0.706	1	A
4,4'-DDE	1.44	J	ug/kg	2.26	0.522	1	B
4,4'-DDD	ND		ug/kg	2.26	0.806	1	A
4,4'-DDT	ND		ug/kg	2.26	1.82	1	A
Endosulfan I	ND		ug/kg	2.26	0.534	1	A
Endosulfan II	ND		ug/kg	2.26	0.755	1	A
Endosulfan sulfate	ND		ug/kg	0.942	0.448	1	A
Methoxychlor	ND		ug/kg	4.24	1.32	1	A
Toxaphene	ND		ug/kg	42.4	11.9	1	A
cis-Chlordane	ND		ug/kg	2.82	0.787	1	A
trans-Chlordane	ND		ug/kg	2.82	0.746	1	A
Chlordane	ND		ug/kg	18.8	7.48	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436308

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-03 Date Collected: 06/18/24 10:45

Client ID: E6_2-4 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436308
Project Number: 3858.0004Y000
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-04
Client ID: E10_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 13:20
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 09:56
Analyst: AKM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 13:37
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.729	0.326	1	A
Alpha-BHC	ND		ug/kg	0.729	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.875	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.616	1	A
Heptachlor epoxide	21.4		ug/kg	3.28	0.985	1	B
Endrin	ND		ug/kg	0.729	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.766	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	1.50	IP	ug/kg	1.09	0.547	1	B
4,4'-DDE	7.69		ug/kg	1.75	0.405	1	B
4,4'-DDD	ND		ug/kg	1.75	0.624	1	A
4,4'-DDT	2.48		ug/kg	1.75	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.729	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.19	1	A
cis-Chlordane	4.52	IP	ug/kg	2.19	0.610	1	B
trans-Chlordane	3.29	IP	ug/kg	2.19	0.578	1	A
Chlordane	48.8	IP	ug/kg	14.6	5.80	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436308

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-04 Date Collected: 06/18/24 13:20

Client ID: E10_2-4 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436308
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-05
Client ID: E11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 13:50
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 10:07
Analyst: AKM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 13:37
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.741	0.331	1	A
Alpha-BHC	ND		ug/kg	0.741	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	ND		ug/kg	0.889	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.626	1	A
Heptachlor epoxide	1.38	J	ug/kg	3.34	1.00	1	B
Endrin	ND		ug/kg	0.741	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.778	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	4.09		ug/kg	1.11	0.556	1	A
4,4'-DDE	1.88		ug/kg	1.78	0.411	1	B
4,4'-DDD	ND		ug/kg	1.78	0.634	1	A
4,4'-DDT	ND		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.741	0.353	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.34	1	A
cis-Chlordane	0.918	JIP	ug/kg	2.22	0.620	1	B
trans-Chlordane	1.89	J	ug/kg	2.22	0.587	1	A
Chlordane	ND		ug/kg	14.8	5.89	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436308

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-05 Date Collected: 06/18/24 13:50

Client ID: E11_2-4 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436308
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/28/24 08:49
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/27/24 13:37
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1940369-1						
Delta-BHC	ND		ug/kg	1.59	0.312	A
Lindane	ND		ug/kg	0.663	0.296	A
Alpha-BHC	ND		ug/kg	0.663	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.603	A
Heptachlor	ND		ug/kg	0.796	0.357	A
Aldrin	ND		ug/kg	1.59	0.560	A
Heptachlor epoxide	ND		ug/kg	2.98	0.895	A
Endrin	ND		ug/kg	0.663	0.272	A
Endrin aldehyde	ND		ug/kg	1.99	0.696	A
Endrin ketone	ND		ug/kg	1.59	0.410	A
Dieldrin	ND		ug/kg	0.995	0.497	A
4,4'-DDE	ND		ug/kg	1.59	0.368	A
4,4'-DDD	ND		ug/kg	1.59	0.568	A
4,4'-DDT	ND		ug/kg	1.59	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.376	A
Endosulfan II	ND		ug/kg	1.59	0.532	A
Endosulfan sulfate	ND		ug/kg	0.663	0.316	A
Methoxychlor	ND		ug/kg	2.98	0.928	A
Toxaphene	ND		ug/kg	29.8	8.36	A
cis-Chlordane	ND		ug/kg	1.99	0.554	A
trans-Chlordane	ND		ug/kg	1.99	0.525	A
Chlordane	ND		ug/kg	13.3	5.27	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436308
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/28/24 08:49
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/27/24 13:37
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1940369-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436308

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1940369-2 WG1940369-3									
Delta-BHC	80		86		30-150	7		30	A
Lindane	74		82		30-150	10		30	A
Alpha-BHC	77		86		30-150	11		30	A
Beta-BHC	74		82		30-150	10		30	A
Heptachlor	73		82		30-150	12		30	A
Aldrin	71		80		30-150	12		30	A
Heptachlor epoxide	66		73		30-150	10		30	A
Endrin	77		85		30-150	10		30	A
Endrin aldehyde	66		72		30-150	9		30	A
Endrin ketone	78		84		30-150	7		30	A
Dieldrin	80		89		30-150	11		30	A
4,4'-DDE	71		79		30-150	11		30	A
4,4'-DDD	78		87		30-150	11		30	A
4,4'-DDT	80		89		30-150	11		30	A
Endosulfan I	71		79		30-150	11		30	A
Endosulfan II	76		84		30-150	10		30	A
Endosulfan sulfate	68		76		30-150	11		30	A
Methoxychlor	87		97		30-150	11		30	A
cis-Chlordane	68		75		30-150	10		30	A
trans-Chlordane	78		87		30-150	11		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436308

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1940369-2 WG1940369-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		71		30-150	A
Decachlorobiphenyl	65		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		79		30-150	B
Decachlorobiphenyl	76		84		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436308

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-01 Date Collected: 06/18/24 08:40

Client ID: E3_2-4 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	21500		mg/kg	8.45	2.28	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.23	0.321	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Arsenic, Total	0.533	J	mg/kg	0.845	0.176	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Barium, Total	125		mg/kg	0.845	0.147	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.512		mg/kg	0.423	0.028	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.845	0.083	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Calcium, Total	1080		mg/kg	8.45	2.96	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Chromium, Total	26.6		mg/kg	0.845	0.081	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Cobalt, Total	23.5		mg/kg	1.69	0.140	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Copper, Total	33.6		mg/kg	0.845	0.218	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Iron, Total	34100		mg/kg	4.23	0.763	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Lead, Total	9.32		mg/kg	4.23	0.226	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Magnesium, Total	8080		mg/kg	8.45	1.30	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Manganese, Total	567		mg/kg	0.845	0.134	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.069	0.045	1	06/27/24 23:45	06/28/24 10:19	EPA 7471B	1,7471B	JWN
Nickel, Total	30.7		mg/kg	2.11	0.204	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Potassium, Total	5770		mg/kg	211	12.2	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.69	0.218	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.423	0.239	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Sodium, Total	97.0	J	mg/kg	169	2.66	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Thallium, Total	1.07	J	mg/kg	1.69	0.266	2	06/27/24 22:25	06/28/24 15:23	EPA 3050B	1,6010D	CEY
Vanadium, Total	41.6		mg/kg	0.845	0.172	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC
Zinc, Total	109		mg/kg	4.23	0.248	2	06/27/24 22:25	06/28/24 12:25	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436308

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-03 Date Collected: 06/18/24 10:45

Client ID: E6_2-4 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	21100		mg/kg	11.1	2.99	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	5.54	0.421	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.37		mg/kg	1.11	0.230	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Barium, Total	165		mg/kg	1.11	0.193	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.767		mg/kg	0.554	0.037	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	1.11	0.108	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Calcium, Total	1310		mg/kg	11.1	3.88	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Chromium, Total	19.0		mg/kg	1.11	0.106	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Cobalt, Total	11.9		mg/kg	2.21	0.184	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Copper, Total	14.3		mg/kg	1.11	0.286	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Iron, Total	24800		mg/kg	5.54	1.00	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Lead, Total	15.0		mg/kg	5.54	0.297	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Magnesium, Total	3880		mg/kg	11.1	1.70	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Manganese, Total	819		mg/kg	1.11	0.176	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Mercury, Total	0.258		mg/kg	0.101	0.066	1	06/27/24 23:45	06/28/24 10:22	EPA 7471B	1,7471B	JWN
Nickel, Total	22.3		mg/kg	2.77	0.268	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Potassium, Total	2500		mg/kg	277	15.9	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	2.21	0.286	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.554	0.313	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Sodium, Total	52.2	J	mg/kg	221	3.49	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Thallium, Total	0.492	J	mg/kg	2.21	0.349	2	06/27/24 22:25	06/28/24 15:26	EPA 3050B	1,6010D	CEY
Vanadium, Total	40.2		mg/kg	1.11	0.225	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC
Zinc, Total	66.3		mg/kg	5.54	0.324	2	06/27/24 22:25	06/28/24 12:29	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436308

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-04 Date Collected: 06/18/24 13:20

Client ID: E10_2-4 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12800		mg/kg	8.93	2.41	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.46	0.339	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.08		mg/kg	0.893	0.186	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Barium, Total	112		mg/kg	0.893	0.155	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.244	J	mg/kg	0.446	0.029	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.893	0.088	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Calcium, Total	411		mg/kg	8.93	3.12	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Chromium, Total	20.0		mg/kg	0.893	0.086	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.23		mg/kg	1.78	0.148	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Copper, Total	16.2		mg/kg	0.893	0.230	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Iron, Total	19800		mg/kg	4.46	0.806	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Lead, Total	6.64		mg/kg	4.46	0.239	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Magnesium, Total	3820		mg/kg	8.93	1.37	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Manganese, Total	194		mg/kg	0.893	0.142	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Mercury, Total	0.066	J	mg/kg	0.071	0.047	1	06/27/24 23:45	06/28/24 10:26	EPA 7471B	1,7471B	JWN
Nickel, Total	13.4		mg/kg	2.23	0.216	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Potassium, Total	3720		mg/kg	223	12.8	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.78	0.230	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.446	0.253	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Sodium, Total	32.5	J	mg/kg	178	2.81	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Thallium, Total	0.487	J	mg/kg	1.78	0.281	2	06/27/24 22:25	06/28/24 15:30	EPA 3050B	1,6010D	CEY
Vanadium, Total	30.5		mg/kg	0.893	0.181	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC
Zinc, Total	44.1		mg/kg	4.46	0.262	2	06/27/24 22:25	06/28/24 12:33	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436308

Project Number: 3858.0004Y000 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03-04 Batch: WG1940363-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Iron, Total	0.710	J	mg/kg	2.00	0.361	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/27/24 22:25	06/28/24 15:16	1,6010D	CEY
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03-04 Batch: WG1940366-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/27/24 23:45	06/28/24 09:56	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436308
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436308

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-04 Batch: WG1940363-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	102		-		80-120	-		
Arsenic, Total	95		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Calcium, Total	102		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	106		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	106		-		80-120	-		
Lead, Total	97		-		80-120	-		
Magnesium, Total	98		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Potassium, Total	106		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	101		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	95		-		80-120	-		
Vanadium, Total	107		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436308

Report Date: 06/28/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-04 Batch: WG1940363-2					
Zinc, Total	106	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03-04 Batch: WG1940366-2					
Mercury, Total	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436308
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-04 QC Batch ID: WG1940363-3 WG1940363-4 QC Sample: L2435588-09 Client ID: MS Sample												
Aluminum, Total	4640	206	5170	**258**	Q	5100	**224**	Q	75-125	1		20
Antimony, Total	4.35J	51.4	43.1	84		42.6	83		75-125	1		20
Arsenic, Total	43.8	12.3	47.2	**28**	Q	42.1	**0**	Q	75-125	11		20
Barium, Total	75.4	206	280	99		272	96		75-125	3		20
Beryllium, Total	0.408J	5.14	5.85	114		5.58	109		75-125	5		20
Cadmium, Total	0.156J	5.45	4.05	**74**	Q	3.79	**70**	Q	75-125	7		20
Calcium, Total	58500	1030	84100	**2490**	Q	95600	**3620**	Q	75-125	13		20
Chromium, Total	9.29	20.6	24.9	76		23.9	**71**	Q	75-125	4		20
Cobalt, Total	6.08	51.4	54.5	94		51.8	89		75-125	5		20
Copper, Total	71.6	25.7	84.8	**51**	Q	81.2	**37**	Q	75-125	4		20
Iron, Total	40100	103	24300	**0**	Q	20700	**0**	Q	75-125	16		20
Lead, Total	200	54.5	264	117		230	**55**	Q	75-125	14		20
Magnesium, Total	16900	1030	20800	**379**	Q	39100	**2170**	Q	75-125	**61**	Q	20
Manganese, Total	362	51.4	382	**39**	Q	413	100		75-125	8		20
Nickel, Total	16.2	51.4	62.6	90		58.5	83		75-125	7		20
Potassium, Total	621	1030	1950	**129**	Q	2060	**140**	Q	75-125	5		20
Selenium, Total	0.863J	12.3	10.4	84		10.2	83		75-125	2		20
Silver, Total	ND	5.14	4.94	96		4.84	94		75-125	2		20
Sodium, Total	209	1030	1340	110		1330	109		75-125	1		20
Thallium, Total	ND	12.3	10.2	83		9.88	80		75-125	3		20
Vanadium, Total	15.8	51.4	69.6	104		67.1	100		75-125	4		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436308
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-04 QC Batch ID: WG1940363-3 WG1940363-4 QC Sample: L2435588-09 Client ID: MS Sample											
Zinc, Total	309	51.4	274	**0**	Q	239	**0**	Q	75-125	14	20
Total Metals - Mansfield Lab Associated sample(s): 01,03-04 QC Batch ID: WG1940366-3 WG1940366-4 QC Sample: L2435588-09 Client ID: MS Sample											
Mercury, Total	0.687	1.67	2.54	111		2.65	112		80-120	4	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2436308
Report Date: 06/28/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-04 QC Batch ID: WG1940363-6 QC Sample: L2435588-09 Client ID: DUP Sample						
Aluminum, Total	4640	4590	mg/kg	1		20
Arsenic, Total	43.8	48.1	mg/kg	10		20
Barium, Total	75.4	75.2	mg/kg	0		20
Calcium, Total	58500	62600	mg/kg	7		20
Copper, Total	71.6	78.9	mg/kg	10		20
Iron, Total	40100	45400	mg/kg	13		20
Lead, Total	200	196	mg/kg	2		20
Magnesium, Total	16900	20100	mg/kg	19		20
Manganese, Total	362	380	mg/kg	5		20
Zinc, Total	309	344	mg/kg	11		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436308
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-01
Client ID: E3_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 08:40
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.8		%	0.100	NA	1	-	06/27/24 22:27	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436308
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-02
Client ID: E4_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 10:45
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	06/27/24 22:27	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436308
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-03
Client ID: E6_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 10:45
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.1		%	0.100	NA	1	-	06/27/24 22:27	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436308
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-04
Client ID: E10_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 13:20
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	06/27/24 22:27	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436308
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436308-05
Client ID: E11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 13:50
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	06/27/24 22:27	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436308

Report Date: 06/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1940539-1 QC Sample: L2436253-01 Client ID: DUP Sample						
Solids, Total	85.2	87.0	%	2		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436308
Report Date: 06/28/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436308-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2436308-01C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)
L2436308-02C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)
L2436308-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2436308-03C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)
L2436308-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2436308-04C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)
L2436308-05C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436308
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436308
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436308
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436308
Project Number:	3858.0004Y000	**Report Date:**	06/28/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 6/19/24

L2436308 DJL 6/27/24

ALPHA Job #: L2436308

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TAL	NYTCL-8081	Sample Specific Comments	Total Bottles
L2436335-01	E3-0-0.2	6/18/24	0830	S	EL			X	X	X	X				3
-08	E3-0.2-2		0835	S	EL	X	X	X	X	X	X	X	X		7
36308 -01	E3-2-4		0840	S	EL			H	H	H	H			HOLD	3
-04	E3-4-6		0845	S	EL			H	H	H	H			HOLD	3
-05	E4-0-0.2		1000	S	EL			X	X	X	X				3
-06	E4-0.2-2		1005	S	EL	X	X	X	X	X	X				7
-02	E4-2-4		1010	S	EL			H	H	H	H		X	HOLD	3
-08	E4-4-6		1015	S	EL			H	H	H	H			HOLD	3
-09	E6-0-0.2		1030	S	EL			X	X	X	X				3
10	E6-0.2-2		1040	S	EL	X	X	X	X	X	X				7

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/18/24 1440	Rice	6/18/24 1445
NJSC	6/18/24 1717	NJSC	6/18/24 1717
	6/18/24		6/18/24 18.50
	6/19 KO		6/18 2200
			6/19/24 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Date Rec'd in Lab: 6/19/24

L2436308 DJL 6/27/24
ALPHA Job #: L2436308

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TAL	NYTCL-8081	Sample Specific Comments	Total Bottles
36308 -03	E6-2-4	6/18/24	1045	S	EL			H	H	H	H	X	X	HOLD	3
-04	E6-4-6		1050	S	EL			H	H	H	H			HOLD	3
-05	E7-0-0.2		1105	S	EL			X	X	X	X				3
-06	E7-0.2-2		1110	S	EL	X	X	X	X	X	X				7
-07	E9-0-0.2		1225	S	EL			X	X	X	X				3
-08	E9-0.2-2		1230	S	EL	X	X	X	X	X	X				7
-09	E9-2-4		1235	S	EL			H	H	H	H			HOLD	3
-10	E9-4-6		1240	S	EL			H	H	H	H			HOLD	3
-11	E10-0-0.2		1310	S	EL			X	X	X	X				3
-12	E10-0.2-2		1315	S	EL	X	X	X	X	X	X				7

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/18/24 1440	Pace	6/18/24 1445
NYSC	6/18/24 1717	NYSC	6/18/24 1717
	6/18/24		6/18/24 1825
	6/18/24		6/18 2200
	6/19		6/19/24 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 3

Date Rec'd in Lab: 6/19/24

L2436308 DJL 6/27/24
ALPHA Job #: ~~L2434335~~

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOC	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TAL	NYTCL-8081	Sample Specific Comments	Total Bottles
36308-04	[redacted] EID-2-4	6/18/24	1320	S	EL			H	H	H	H	X	X	HOLD	3
-22	EID-4-6		1325	S	EL			H	H	H	H			HOLD	3
-23	EII-0-0.2			S	EL			X	X	X	X				3
-24	EII-0.2-2			S	EL	X	X	X	X	X	X				7
-05	EII-2-4			S	EL			H	H	H	H		X	HOLD	3
-26	EII-4-6			S	EL			H	H	H	H			HOLD	3
-27	TB-06182024	6/18/24	—	W	EL	X									

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/18/24 1440	[redacted] Pace	6/18/24 1445
NJSC	6/18/24 1717	NJSC	6/18/24 1719
	6/18/24		6/18/24 1852
	6/19 140		6/18 2200
			6/19/24 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2436354
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/03/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436354
Report Date: 07/03/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436354-01	B4_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 09:30	06/13/24
L2436354-02	C3_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/13/24 09:55	06/13/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436354
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436354
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Pesticides

WG1940553-1: One or more dual column RPDs are above the acceptance criteria; however, obvious column interferences are present. The result is qualified with a "P" if the higher of the two results is reported. The result is qualified with an "IP" if the lower of the two results is reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 07/03/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436354
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436354-01
Client ID: B4_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 09:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 11:22
Analyst: MMG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.367	1	A
Lindane	ND		ug/kg	0.780	0.349	1	A
Alpha-BHC	ND		ug/kg	0.780	0.222	1	A
Beta-BHC	ND		ug/kg	1.87	0.710	1	A
Heptachlor	ND		ug/kg	0.936	0.420	1	A
Aldrin	ND		ug/kg	1.87	0.659	1	A
Heptachlor epoxide	ND		ug/kg	3.51	1.05	1	A
Endrin	ND		ug/kg	0.780	0.320	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.819	1	A
Endrin ketone	ND		ug/kg	1.87	0.482	1	A
Dieldrin	ND		ug/kg	1.17	0.585	1	A
4,4'-DDE	ND		ug/kg	1.87	0.433	1	A
4,4'-DDD	ND		ug/kg	1.87	0.668	1	A
4,4'-DDT	ND		ug/kg	1.87	1.50	1	A
Endosulfan I	ND		ug/kg	1.87	0.442	1	A
Endosulfan II	ND		ug/kg	1.87	0.626	1	A
Endosulfan sulfate	ND		ug/kg	0.780	0.371	1	A
Methoxychlor	ND		ug/kg	3.51	1.09	1	A
Toxaphene	ND		ug/kg	35.1	9.83	1	A
cis-Chlordane	ND		ug/kg	2.34	0.652	1	A
trans-Chlordane	ND		ug/kg	2.34	0.618	1	A
Chlordane	ND		ug/kg	15.6	6.20	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436354

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436354-01 Date Collected: 06/13/24 09:30

Client ID: B4_4-6 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436354
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436354-02
Client ID: C3_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/13/24 09:55
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 11:33
Analyst: MMG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.710	0.317	1	A
Alpha-BHC	ND		ug/kg	0.710	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.646	1	A
Heptachlor	ND		ug/kg	0.851	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.958	1	A
Endrin	ND		ug/kg	0.710	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.745	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.532	1	A
4,4'-DDE	ND		ug/kg	1.70	0.394	1	A
4,4'-DDD	ND		ug/kg	1.70	0.607	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.569	1	A
Endosulfan sulfate	ND		ug/kg	0.710	0.338	1	A
Methoxychlor	ND		ug/kg	3.19	0.993	1	A
Toxaphene	ND		ug/kg	31.9	8.94	1	A
cis-Chlordane	ND		ug/kg	2.13	0.593	1	A
trans-Chlordane	ND		ug/kg	2.13	0.562	1	A
Chlordane	ND		ug/kg	14.2	5.64	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436354

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436354-02 Date Collected: 06/13/24 09:55

Client ID: C3_4-6 Date Received: 06/13/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	40		30-150	A
Decachlorobiphenyl	32		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436354
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/29/24 11:22
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1940553-1						
Delta-BHC	ND	IP	ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.650	0.291	A
Alpha-BHC	ND	IP	ug/kg	0.650	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.592	A
Heptachlor	ND		ug/kg	0.780	0.350	A
Aldrin	ND		ug/kg	1.56	0.549	A
Heptachlor epoxide	ND		ug/kg	2.92	0.878	A
Endrin	ND		ug/kg	0.650	0.266	A
Endrin aldehyde	ND		ug/kg	1.95	0.683	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.975	0.488	A
4,4'-DDD	ND		ug/kg	1.56	0.556	A
Endosulfan II	ND		ug/kg	1.56	0.521	A
Endosulfan sulfate	ND		ug/kg	0.650	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.910	A
Toxaphene	ND		ug/kg	29.2	8.19	A
Chlordane	ND		ug/kg	13.0	5.17	A
4,4'-DDE	ND		ug/kg	1.56	0.361	B
4,4'-DDT	ND		ug/kg	1.56	1.25	B
Endosulfan I	ND		ug/kg	1.56	0.369	B
cis-Chlordane	ND		ug/kg	1.95	0.544	B
trans-Chlordane	ND	IP	ug/kg	1.95	0.515	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436354
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/29/24 11:22
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/27/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1940553-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	97		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436354

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1940553-2 WG1940553-3									
Delta-BHC	38		60		30-150	**45**	Q	30	A
Lindane	36		57		30-150	**45**	Q	30	A
Alpha-BHC	37		60		30-150	**47**	Q	30	A
Beta-BHC	38		57		30-150	**40**	Q	30	A
Heptachlor	36		57		30-150	**45**	Q	30	A
Aldrin	37		59		30-150	**46**	Q	30	A
Heptachlor epoxide	37		58		30-150	**44**	Q	30	A
Endrin	41		67		30-150	**48**	Q	30	A
Endrin aldehyde	38		60		30-150	**45**	Q	30	A
Endrin ketone	41		64		30-150	**44**	Q	30	A
Dieldrin	44		70		30-150	**46**	Q	30	A
4,4'-DDE	40		65		30-150	**48**	Q	30	A
4,4'-DDD	44		70		30-150	**46**	Q	30	A
4,4'-DDT	43		67		30-150	**44**	Q	30	A
Endosulfan I	39		62		30-150	**46**	Q	30	A
Endosulfan II	42		65		30-150	**43**	Q	30	A
Endosulfan sulfate	43		67		30-150	**44**	Q	30	A
Methoxychlor	48		74		30-150	**43**	Q	30	A
cis-Chlordane	38		60		30-150	**45**	Q	30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436354

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1940553-2 WG1940553-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	34		53		30-150	A
Decachlorobiphenyl	35		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	36		56		30-150	B
Decachlorobiphenyl	44		69		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436354

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1940553-2 WG1940553-3									
trans-Chlordane	43		68		30-150	**45**	Q	30	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	34		53		30-150	A
Decachlorobiphenyl	35		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	36		56		30-150	B
Decachlorobiphenyl	44		69		30-150	B

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436354
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436354-01
Client ID: B4_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 09:30
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	06/28/24 09:43	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436354
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436354-02
Client ID: C3_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/13/24 09:55
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	06/28/24 09:43	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436354

Report Date: 07/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1940687-1 QC Sample: L2436354-01 Client ID: B4_4-6						
Solids, Total	81.9	82.5	%	1		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436354
Report Date: 07/03/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436354-01C	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		TS(7),NYTCL-8081(14)
L2436354-02C	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436354
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436354
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436354
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436354
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/14/24

L2436354 DJL 6/27/24
ALPHA Job #: L2433398

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	NYTCL-8081	Sample Specific Comments	Total Bottles
33398-01	BS-0-0.2	6/13/24	0845	S	EL			X	X	X	X				3
02	BS-0.2-2	"	0850		EL	X	X	X	X	X	X	X			7
03	BS-2-4	"	0855		EL			H	H	H	H			Hold	3
04	BS-4-6	"	0900		EL			H	H	H	H			Hold	3
05	BH-0-0.2	"	0915		EL			X	X	X	X			MS/MSD	9
06	BH-0.2-2	"	0920		EL	X	X	X	X	X	X	X			7
07	BH-2-4	"	0925		EL			H	H	H	H			Hold	3
36354 -01	BH-4-6	"	0930		EL			H	H	H	H		X	Hold	3
09	MW-0-0.2	"	0940		EL			X	X	X	X				3
10	MW-0.2-2	"	0945		EL	X	X	X	X	X	X	X			7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/13/24 1440	WIFI (Pace)	6/13/24 14:52
WIFI (Pace)	6/13/24 18:38		6/13 2200
	6/14 130		6/14/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 4

Date Rec'd in Lab: 6/14/24

L2436354 DJL 6/27/24
ALPHA Job #: L2433398

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	NYTCL-8081	Sample Specific Comments	Total Bottles
033398-01	C3-2-4	6/13/24	0950	S	EL			H	H	H	H			Hold	3
-02	C3-4-6	"	0955		EL			H	H	H	H		X	Hold	3
-03	C4-0-0.2	"	1030		EL			X	X	X	X				3
-04	C4-0.2-2	"	1035		EL	X	X	X	X	X	X	X			7
-05	C4-2-4	"	1040		EL			H	H	H	H			Hold	3
-06	C4-4-6	"	1045		EL			H	H	H	H			Hold	3
-07	C6-0-0.2	"	1140		EL			X	X	X	X				3
-08	C6-0.2-2	"	1145		EL	X	X	X	X	X	X	X			7
-09	C6-2-4	"	1150		EL			H	H	H	H			Hold	3
-10	C6-4-6	"	1155		EL			H	H	H	H			Hold	3

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/13/24 1440	WIFI (Pace)	6/13/24 14:52
WIFI (Pace)	6/13/24 18:38		6/13 2200
	6/14 130		6/14/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2436601
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/10/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436601
Report Date: 07/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436601-01	I3_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 10:10	06/27/24
L2436601-02	I3_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 10:15	06/27/24
L2436601-03	I3_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 10:20	06/27/24
L2436601-04	I3_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 10:25	06/27/24
L2436601-05	I4_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 10:45	06/27/24
L2436601-06	I4_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 10:50	06/27/24
L2436601-07	I4_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 10:55	06/27/24
L2436601-08	I4_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 11:00	06/27/24
L2436601-09	I5_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 11:30	06/27/24
L2436601-10	I5_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 11:35	06/27/24
L2436601-11	I5_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 11:40	06/27/24
L2436601-12	I5_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 11:45	06/27/24
L2436601-13	I6_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 13:00	06/27/24
L2436601-14	I6_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 13:05	06/27/24
L2436601-15	I6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 13:10	06/27/24
L2436601-16	I6_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 13:15	06/27/24
L2436601-17	I7_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 13:30	06/27/24
L2436601-18	I7_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 13:35	06/27/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436601-19	I7_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 13:40	06/27/24
L2436601-20	I7_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 13:45	06/27/24
L2436601-21	DUP_06272024	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 12:00	06/27/24
L2436601-22	TB_06272024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 00:00	06/27/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436601
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601
Project Number: 3858.0004Y000 **Report Date:** 07/10/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2436601-01, -02, -05, -06, -09, -10, -13, -14, -17, -18, and -21: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1942024-3/-4 MS/MSD recoveries for aluminum (240%/288%), iron (0%/288%), and magnesium (65%/24%), performed on L2436601-13, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1942024-3/-4 MS/MSD recoveries, performed on L2436601-13, are outside the acceptance criteria for chromium (MSD 67%) and zinc (73%/59%). A post digestion spike was performed and was within acceptance criteria.

Cyanide, Total

The WG1942857-2 LCS recovery for cyanide, total (78%), associated with L2436601-02, -06, -10, -14, and -18, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Hexavalent Chromium

The WG1943120-9/-10 Insoluble MS/MSD recoveries for chromium, hexavalent (71%/56%), performed on L2436601-13, are below the acceptance criteria. The Soluble MS recovery for chromium, hexavalent (47%) was also below criteria. This has been attributed to matrix interference. A post-spike was performed with an acceptable recovery of 87%. The MS/MSD RPD for chromium, hexavalent (41%) is above the acceptance criteria.

The WG1944327-5 Insoluble MS recovery for chromium, hexavalent (64%), performed on L2436601-21, is outside the acceptance criteria. The Soluble MS recovery for chromium, hexavalent (30%) was also outside

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436601
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

Case Narrative (continued)

criteria. This has been attributed to matrix interference. A post-spike was performed with a recovery of 88%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 07/10/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-02
Client ID: I3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 10:15
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/03/24 03:07
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-02 Date Collected: 06/27/24 10:15

Client ID: I3_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.16	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.3	0.86	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-02 Date Collected: 06/27/24 10:15

Client ID: I3_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-06 Date Collected: 06/27/24 10:50
Client ID: I4_0.2-2 Date Received: 06/27/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/03/24 03:34
Analyst: JIC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.20	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-06 Date Collected: 06/27/24 10:50

Client ID: I4_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.14	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-06 Date Collected: 06/27/24 10:50

Client ID: I4_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
1,4-Dioxane	ND		ug/kg	99	43.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-10 Date Collected: 06/27/24 11:35
Client ID: I5_0.2-2 Date Received: 06/27/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/03/24 04:00
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-10 Date Collected: 06/27/24 11:35

Client ID: I5_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.81	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-10 Date Collected: 06/27/24 11:35

Client ID: I5_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1
Tentatively Identified Compounds						
Total TIC Compounds	2.72	J	ug/kg			1
Unknown Alkane	2.72	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-14
Client ID: I6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 13:05
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/03/24 04:27
Analyst: JIC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.0	3.7	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.37	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.43	1
Tetrachloroethene	ND		ug/kg	0.80	0.31	1
Chlorobenzene	ND		ug/kg	0.80	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.4	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.80	0.27	1
Bromodichloromethane	ND		ug/kg	0.80	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.44	1
cis-1,3-Dichloropropene	ND		ug/kg	0.80	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	0.80	0.25	1
1,1-Dichloropropene	ND		ug/kg	0.80	0.26	1
Bromoform	ND		ug/kg	6.4	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.80	0.27	1
Benzene	ND		ug/kg	0.80	0.27	1
Toluene	ND		ug/kg	1.6	0.87	1
Ethylbenzene	ND		ug/kg	1.6	0.23	1
Chloromethane	ND		ug/kg	6.4	1.5	1
Bromomethane	ND		ug/kg	3.2	0.93	1
Vinyl chloride	ND		ug/kg	1.6	0.54	1
Chloroethane	ND		ug/kg	3.2	0.72	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-14 Date Collected: 06/27/24 13:05

Client ID: I6_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.80	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.90	1
o-Xylene	ND		ug/kg	1.6	0.47	1
Xylenes, Total	ND		ug/kg	1.6	0.47	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	3.2	0.38	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	ND		ug/kg	16	7.7	1
Carbon disulfide	ND		ug/kg	16	7.3	1
2-Butanone	ND		ug/kg	16	3.6	1
Vinyl acetate	ND		ug/kg	16	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.2	0.20	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.33	1
2,2-Dichloropropane	ND		ug/kg	3.2	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.45	1
1,3-Dichloropropane	ND		ug/kg	3.2	0.27	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.80	0.21	1
Bromobenzene	ND		ug/kg	3.2	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.27	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
o-Chlorotoluene	ND		ug/kg	3.2	0.31	1
p-Chlorotoluene	ND		ug/kg	3.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.4	0.27	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.4	1.0	1
Acrylonitrile	ND		ug/kg	6.4	1.8	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-14 Date Collected: 06/27/24 13:05

Client ID: I6_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.52	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.44	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.31	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.54	1
1,4-Dioxane	ND		ug/kg	130	56.	1
p-Diethylbenzene	ND		ug/kg	3.2	0.28	1
p-Ethyltoluene	ND		ug/kg	3.2	0.62	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.2	0.31	1
Ethyl ether	ND		ug/kg	3.2	0.55	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.0	2.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-18 Date Collected: 06/27/24 13:35

Client ID: I7_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 07/03/24 04:53

Analyst: JIC

Percent Solids: 47%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	14	6.5	1
1,1-Dichloroethane	ND		ug/kg	2.8	0.41	1
Chloroform	ND		ug/kg	4.2	0.40	1
Carbon tetrachloride	ND		ug/kg	2.8	0.65	1
1,2-Dichloropropane	ND		ug/kg	2.8	0.35	1
Dibromochloromethane	ND		ug/kg	2.8	0.40	1
1,1,2-Trichloroethane	ND		ug/kg	2.8	0.76	1
Tetrachloroethene	ND		ug/kg	1.4	0.55	1
Chlorobenzene	ND		ug/kg	1.4	0.36	1
Trichlorofluoromethane	ND		ug/kg	11	2.0	1
1,2-Dichloroethane	ND		ug/kg	2.8	0.73	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.47	1
Bromodichloromethane	ND		ug/kg	1.4	0.31	1
trans-1,3-Dichloropropene	ND		ug/kg	2.8	0.77	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.45	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.45	1
1,1-Dichloropropene	ND		ug/kg	1.4	0.45	1
Bromoform	ND		ug/kg	11	0.70	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.47	1
Benzene	ND		ug/kg	1.4	0.47	1
Toluene	ND		ug/kg	2.8	1.5	1
Ethylbenzene	ND		ug/kg	2.8	0.40	1
Chloromethane	ND		ug/kg	11	2.6	1
Bromomethane	ND		ug/kg	5.7	1.6	1
Vinyl chloride	ND		ug/kg	2.8	0.95	1
Chloroethane	ND		ug/kg	5.7	1.3	1
1,1-Dichloroethene	ND		ug/kg	2.8	0.67	1
trans-1,2-Dichloroethene	ND		ug/kg	4.2	0.39	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-18 Date Collected: 06/27/24 13:35

Client ID: I7_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	1.4	0.39	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	0.41	1
1,3-Dichlorobenzene	ND		ug/kg	5.7	0.42	1
1,4-Dichlorobenzene	ND		ug/kg	5.7	0.48	1
Methyl tert butyl ether	ND		ug/kg	5.7	0.57	1
p/m-Xylene	ND		ug/kg	5.7	1.6	1
o-Xylene	ND		ug/kg	2.8	0.82	1
Xylenes, Total	ND		ug/kg	2.8	0.82	1
cis-1,2-Dichloroethene	ND		ug/kg	2.8	0.50	1
1,2-Dichloroethene, Total	ND		ug/kg	2.8	0.39	1
Dibromomethane	ND		ug/kg	5.7	0.67	1
Styrene	ND		ug/kg	2.8	0.55	1
Dichlorodifluoromethane	ND		ug/kg	28	2.6	1
Acetone	ND		ug/kg	28	14.	1
Carbon disulfide	ND		ug/kg	28	13.	1
2-Butanone	ND		ug/kg	28	6.3	1
Vinyl acetate	ND		ug/kg	28	6.1	1
4-Methyl-2-pentanone	ND		ug/kg	28	3.6	1
1,2,3-Trichloropropane	ND		ug/kg	5.7	0.36	1
2-Hexanone	ND		ug/kg	28	3.3	1
Bromochloromethane	ND		ug/kg	5.7	0.58	1
2,2-Dichloropropane	ND		ug/kg	5.7	0.57	1
1,2-Dibromoethane	ND		ug/kg	2.8	0.79	1
1,3-Dichloropropane	ND		ug/kg	5.7	0.47	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.37	1
Bromobenzene	ND		ug/kg	5.7	0.41	1
n-Butylbenzene	ND		ug/kg	2.8	0.47	1
sec-Butylbenzene	ND		ug/kg	2.8	0.41	1
tert-Butylbenzene	ND		ug/kg	5.7	0.33	1
o-Chlorotoluene	ND		ug/kg	5.7	0.54	1
p-Chlorotoluene	ND		ug/kg	5.7	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.5	2.8	1
Hexachlorobutadiene	ND		ug/kg	11	0.48	1
Isopropylbenzene	ND		ug/kg	2.8	0.31	1
p-Isopropyltoluene	ND		ug/kg	2.8	0.31	1
Naphthalene	ND		ug/kg	11	1.8	1
Acrylonitrile	ND		ug/kg	11	3.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-18 Date Collected: 06/27/24 13:35

Client ID: I7_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.8	0.48	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.7	0.91	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.7	0.77	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	0.55	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	0.94	1
1,4-Dioxane	ND		ug/kg	230	99.	1
p-Diethylbenzene	ND		ug/kg	5.7	0.50	1
p-Ethyltoluene	ND		ug/kg	5.7	1.1	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.7	0.54	1
Ethyl ether	ND		ug/kg	5.7	0.96	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	14	4.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-22
Client ID: TB_06272024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/26/24 00:00
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 07/03/24 15:18
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-22 Date Collected: 06/26/24 00:00

Client ID: TB_06272024 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-22 Date Collected: 06/26/24 00:00

Client ID: TB_06272024 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	112		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/02/24 20:24
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18 Batch: WG1942980-5					
Methylene chloride	2.4	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.2	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/02/24 20:24
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18 Batch: WG1942980-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/02/24 20:24
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18 Batch: WG1942980-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/02/24 20:24
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18 Batch: WG1942980-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/03/24 08:50
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 22 Batch: WG1943310-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/03/24 08:50
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 22 Batch: WG1943310-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/03/24 08:50
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 22 Batch: WG1943310-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/03/24 08:50
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 22 Batch: WG1943310-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	112		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436601
Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18 Batch: WG1942980-3 WG1942980-4								
Methylene chloride	80		82		70-130	2		30
1,1-Dichloroethane	85		86		70-130	1		30
Chloroform	86		88		70-130	2		30
Carbon tetrachloride	90		92		70-130	2		30
1,2-Dichloropropane	86		88		70-130	2		30
Dibromochloromethane	96		97		70-130	1		30
1,1,2-Trichloroethane	91		95		70-130	4		30
Tetrachloroethene	95		98		70-130	3		30
Chlorobenzene	90		91		70-130	1		30
Trichlorofluoromethane	91		95		70-139	4		30
1,2-Dichloroethane	86		88		70-130	2		30
1,1,1-Trichloroethane	92		93		70-130	1		30
Bromodichloromethane	88		91		70-130	3		30
trans-1,3-Dichloropropene	94		96		70-130	2		30
cis-1,3-Dichloropropene	90		92		70-130	2		30
1,1-Dichloropropene	94		95		70-130	1		30
Bromoform	85		83		70-130	2		30
1,1,2,2-Tetrachloroethane	90		88		70-130	2		30
Benzene	87		89		70-130	2		30
Toluene	89		91		70-130	2		30
Ethylbenzene	88		91		70-130	3		30
Chloromethane	80		76		52-130	5		30
Bromomethane	103		102		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436601
Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18 Batch: WG1942980-3 WG1942980-4								
Vinyl chloride	91		91		67-130	0		30
Chloroethane	84		89		50-151	6		30
1,1-Dichloroethene	**180**	Q	98		65-135	**59**	Q	30
trans-1,2-Dichloroethene	85		88		70-130	3		30
Trichloroethene	89		92		70-130	3		30
1,2-Dichlorobenzene	93		92		70-130	1		30
1,3-Dichlorobenzene	93		96		70-130	3		30
1,4-Dichlorobenzene	92		93		70-130	1		30
Methyl tert butyl ether	85		86		66-130	1		30
p/m-Xylene	88		92		70-130	4		30
o-Xylene	87		91		70-130	4		30
cis-1,2-Dichloroethene	85		88		70-130	3		30
Dibromomethane	86		90		70-130	5		30
Styrene	85		88		70-130	3		30
Dichlorodifluoromethane	79		77		30-146	3		30
Acetone	106		82		54-140	26		30
Carbon disulfide	**148**	Q	84		59-130	**55**	Q	30
2-Butanone	94		79		70-130	17		30
Vinyl acetate	109		107		70-130	2		30
4-Methyl-2-pentanone	96		95		70-130	1		30
1,2,3-Trichloropropane	92		90		68-130	2		30
2-Hexanone	92		90		70-130	2		30
Bromochloromethane	85		86		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18 Batch: WG1942980-3 WG1942980-4								
2,2-Dichloropropane	92		92		70-130	0		30
1,2-Dibromoethane	100		100		70-130	0		30
1,3-Dichloropropane	93		94		69-130	1		30
1,1,1,2-Tetrachloroethane	91		94		70-130	3		30
Bromobenzene	85		86		70-130	1		30
n-Butylbenzene	104		105		70-130	1		30
sec-Butylbenzene	100		98		70-130	2		30
tert-Butylbenzene	90		90		70-130	0		30
o-Chlorotoluene	90		90		70-130	0		30
p-Chlorotoluene	92		92		70-130	0		30
1,2-Dibromo-3-chloropropane	87		87		68-130	0		30
Hexachlorobutadiene	91		88		67-130	3		30
Isopropylbenzene	90		88		70-130	2		30
p-Isopropyltoluene	99		98		70-130	1		30
Naphthalene	90		88		70-130	2		30
Acrylonitrile	87		85		70-130	2		30
n-Propylbenzene	91		89		70-130	2		30
1,2,3-Trichlorobenzene	88		87		70-130	1		30
1,2,4-Trichlorobenzene	92		90		70-130	2		30
1,3,5-Trimethylbenzene	93		93		70-130	0		30
1,2,4-Trimethylbenzene	96		94		70-130	2		30
1,4-Dioxane	89		87		65-136	2		30
p-Diethylbenzene	99		98		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18 Batch: WG1942980-3 WG1942980-4								
p-Ethyltoluene	92		90		70-130	2		30
1,2,4,5-Tetramethylbenzene	98		95		70-130	3		30
Ethyl ether	85		90		67-130	6		30
trans-1,4-Dichloro-2-butene	104		102		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		96		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	99		95		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 22 Batch: WG1943310-3 WG1943310-4								
Methylene chloride	98		97		70-130	1		20
1,1-Dichloroethane	120		110		70-130	9		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	94		96		63-130	2		20
1,1,2-Trichloroethane	100		99		70-130	1		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	94		97		70-130	3		20
cis-1,3-Dichloropropene	98		100		70-130	2		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	88		89		54-136	1		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	100		98		64-130	2		20
Bromomethane	67		66		39-139	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 22 Batch: WG1943310-3 WG1943310-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	**140**	Q	**140**	Q	55-138	0		20
1,1-Dichloroethene	96		96		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	94		94		70-130	0		20
1,2-Dichlorobenzene	99		100		70-130	1		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	80		88		63-130	10		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	94		100		70-130	6		20
1,2,3-Trichloropropane	98		97		64-130	1		20
Acrylonitrile	97		100		70-130	3		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	97		97		36-147	0		20
Acetone	83		89		58-148	7		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	88		96		63-138	9		20
Vinyl acetate	**190**	Q	**200**	Q	70-130	5		20
4-Methyl-2-pentanone	77		84		59-130	9		20
2-Hexanone	73		80		57-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 22 Batch: WG1943310-3 WG1943310-4								
Bromochloromethane	110		100		70-130	10		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	91		92		70-130	1		20
1,3-Dichloropropane	96		100		70-130	4		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	98		94		70-130	4		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	100		110		70-130	10		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	75		86		41-144	14		20
Hexachlorobutadiene	94		94		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		110		70-130	10		20
Naphthalene	75		80		70-130	6		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	84		89		70-130	6		20
1,2,4-Trichlorobenzene	84		91		70-130	8		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	78		84		56-162	7		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 22 Batch: WG1943310-3 WG1943310-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	91		94		70-130	3		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	97		100		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		110		70-130
Toluene-d8	104		103		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	106		106		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-02
Client ID: I3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 10:15
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 15:14
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	23	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-02 Date Collected: 06/27/24 10:15

Client ID: I3_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	22	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-02 Date Collected: 06/27/24 10:15

Client ID: I3_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
Total TIC Compounds	467	J	ug/kg			1
Unknown Amide	297	J	ug/kg			1
Unknown Organic Acid	170	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	75		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-06
Client ID: I4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 10:50
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 18:00
Analyst: IM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-06 Date Collected: 06/27/24 10:50

Client ID: I4_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-06 Date Collected: 06/27/24 10:50

Client ID: I4_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		25-120
Phenol-d6	47		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	45		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	48		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-10
Client ID: I5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 11:35
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 18:24
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-10 Date Collected: 06/27/24 11:35

Client ID: I5_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-10 Date Collected: 06/27/24 11:35

Client ID: I5_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	52		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-14
Client ID: I6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 13:05
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 18:47
Analyst: IM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-14 Date Collected: 06/27/24 13:05

Client ID: I6_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-14 Date Collected: 06/27/24 13:05

Client ID: I6_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	49		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	50		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-18
Client ID: I7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/27/24 13:35
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 19:11
Analyst: IM
Percent Solids: 47%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	280	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	350	40.	1
Hexachlorobenzene	ND		ug/kg	210	39.	1
Bis(2-chloroethyl)ether	ND		ug/kg	320	48.	1
2-Chloronaphthalene	ND		ug/kg	350	35.	1
1,2-Dichlorobenzene	ND		ug/kg	350	63.	1
1,3-Dichlorobenzene	ND		ug/kg	350	60.	1
1,4-Dichlorobenzene	ND		ug/kg	350	61.	1
3,3'-Dichlorobenzidine	ND		ug/kg	350	93.	1
2,4-Dinitrotoluene	ND		ug/kg	350	70.	1
2,6-Dinitrotoluene	ND		ug/kg	350	60.	1
Fluoranthene	550		ug/kg	210	40.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	350	38.	1
4-Bromophenyl phenyl ether	ND		ug/kg	350	54.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	420	60.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	380	35.	1
Hexachlorobutadiene	ND		ug/kg	350	51.	1
Hexachlorocyclopentadiene	ND		ug/kg	1000	320	1
Hexachloroethane	ND		ug/kg	280	57.	1
Isophorone	ND		ug/kg	320	46.	1
Naphthalene	ND		ug/kg	350	43.	1
Nitrobenzene	ND		ug/kg	320	52.	1
NDPA/DPA	ND		ug/kg	280	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	350	54.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	350	120	1
Butyl benzyl phthalate	ND		ug/kg	350	88.	1
Di-n-butylphthalate	ND		ug/kg	350	66.	1
Di-n-octylphthalate	ND		ug/kg	350	120	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-18 Date Collected: 06/27/24 13:35

Client ID: I7_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	350	32.	1
Dimethyl phthalate	ND		ug/kg	350	74.	1
Benzo(a)anthracene	180	J	ug/kg	210	40.	1
Benzo(a)pyrene	200	J	ug/kg	280	86.	1
Benzo(b)fluoranthene	290		ug/kg	210	59.	1
Benzo(k)fluoranthene	86	J	ug/kg	210	56.	1
Chrysene	210		ug/kg	210	36.	1
Acenaphthylene	73	J	ug/kg	280	54.	1
Anthracene	ND		ug/kg	210	68.	1
Benzo(ghi)perylene	130	J	ug/kg	280	41.	1
Fluorene	49	J	ug/kg	350	34.	1
Phenanthrene	450		ug/kg	210	43.	1
Dibenzo(a,h)anthracene	ND		ug/kg	210	40.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	280	49.	1
Pyrene	410		ug/kg	210	35.	1
Biphenyl	ND		ug/kg	800	46.	1
4-Chloroaniline	ND		ug/kg	350	64.	1
2-Nitroaniline	ND		ug/kg	350	68.	1
3-Nitroaniline	ND		ug/kg	350	66.	1
4-Nitroaniline	ND		ug/kg	350	140	1
Dibenzofuran	34	J	ug/kg	350	33.	1
2-Methylnaphthalene	ND		ug/kg	420	42.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	350	37.	1
Acetophenone	ND		ug/kg	350	43.	1
2,4,6-Trichlorophenol	ND		ug/kg	210	66.	1
p-Chloro-m-cresol	ND		ug/kg	350	52.	1
2-Chlorophenol	ND		ug/kg	350	41.	1
2,4-Dichlorophenol	ND		ug/kg	320	56.	1
2,4-Dimethylphenol	ND		ug/kg	350	120	1
2-Nitrophenol	ND		ug/kg	760	130	1
4-Nitrophenol	ND		ug/kg	490	140	1
2,4-Dinitrophenol	ND		ug/kg	1700	160	1
4,6-Dinitro-o-cresol	ND		ug/kg	910	170	1
Pentachlorophenol	ND		ug/kg	280	77.	1
Phenol	ND		ug/kg	350	53.	1
2-Methylphenol	ND		ug/kg	350	54.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	500	55.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-18 Date Collected: 06/27/24 13:35

Client ID: I7_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	350	67.	1
Benzoic Acid	ND		ug/kg	1100	360	1
Benzyl Alcohol	ND		ug/kg	350	110	1
Carbazole	47	J	ug/kg	350	34.	1
1,4-Dioxane	ND		ug/kg	53	16.	1
Tentatively Identified Compounds						
Total TIC Compounds	9560	J	ug/kg			1
Unknown	545	J	ug/kg			1
Unknown	559	J	ug/kg			1
Unknown Alkane	441	J	ug/kg			1
Unknown	1790	J	ug/kg			1
Unknown	332	J	ug/kg			1
Unknown Organic Acid	829	J	ug/kg			1
Unknown	3180	J	ug/kg			1
Unknown Alkane	1060	J	ug/kg			1
Unknown	393	J	ug/kg			1
Unknown Organic Acid	433	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	49		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	48		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/03/24 07:47
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 07/03/24 00:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18 Batch: WG1942599-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/03/24 07:47
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 07/03/24 00:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18 Batch: WG1942599-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/03/24 07:47
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 07/03/24 00:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18 Batch: WG1942599-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	80		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18 Batch: WG1942599-2 WG1942599-3								
Acenaphthene	76		75		31-137	1		50
1,2,4-Trichlorobenzene	80		81		38-107	1		50
Hexachlorobenzene	80		81		40-140	1		50
Bis(2-chloroethyl)ether	67		68		40-140	1		50
2-Chloronaphthalene	82		83		40-140	1		50
1,2-Dichlorobenzene	71		72		40-140	1		50
1,3-Dichlorobenzene	69		69		40-140	0		50
1,4-Dichlorobenzene	71		72		28-104	1		50
3,3'-Dichlorobenzidine	65		73		40-140	12		50
2,4-Dinitrotoluene	90		89		40-132	1		50
2,6-Dinitrotoluene	90		92		40-140	2		50
Fluoranthene	92		93		40-140	1		50
4-Chlorophenyl phenyl ether	89		90		40-140	1		50
4-Bromophenyl phenyl ether	88		88		40-140	0		50
Bis(2-chloroisopropyl)ether	71		72		40-140	1		50
Bis(2-chloroethoxy)methane	67		71		40-117	6		50
Hexachlorobutadiene	98		97		40-140	1		50
Hexachlorocyclopentadiene	63		61		40-140	3		50
Hexachloroethane	74		74		40-140	0		50
Isophorone	73		77		40-140	5		50
Naphthalene	76		74		40-140	3		50
Nitrobenzene	84		83		40-140	1		50
NDPA/DPA	80		83		36-157	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436601
Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18 Batch: WG1942599-2 WG1942599-3								
n-Nitrosodi-n-propylamine	76		80		32-121	5		50
Bis(2-ethylhexyl)phthalate	69		70		40-140	1		50
Butyl benzyl phthalate	81		81		40-140	0		50
Di-n-butylphthalate	80		82		40-140	2		50
Di-n-octylphthalate	67		68		40-140	1		50
Diethyl phthalate	81		81		40-140	0		50
Dimethyl phthalate	87		88		40-140	1		50
Benzo(a)anthracene	78		79		40-140	1		50
Benzo(a)pyrene	75		75		40-140	0		50
Benzo(b)fluoranthene	77		76		40-140	1		50
Benzo(k)fluoranthene	73		73		40-140	0		50
Chrysene	76		78		40-140	3		50
Acenaphthylene	82		82		40-140	0		50
Anthracene	82		84		40-140	2		50
Benzo(ghi)perylene	73		75		40-140	3		50
Fluorene	79		80		40-140	1		50
Phenanthrene	80		80		40-140	0		50
Dibenzo(a,h)anthracene	74		75		40-140	1		50
Indeno(1,2,3-cd)pyrene	73		74		40-140	1		50
Pyrene	91		92		35-142	1		50
Biphenyl	74		74		37-127	0		50
4-Chloroaniline	82		82		40-140	0		50
2-Nitroaniline	88		86		47-134	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436601
Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18 Batch: WG1942599-2 WG1942599-3								
3-Nitroaniline	68		77		26-129	12		50
4-Nitroaniline	77		76		41-125	1		50
Dibenzofuran	81		80		40-140	1		50
2-Methylnaphthalene	79		77		40-140	3		50
1,2,4,5-Tetrachlorobenzene	93		92		40-117	1		50
Acetophenone	68		69		14-144	1		50
2,4,6-Trichlorophenol	98		99		30-130	1		50
p-Chloro-m-cresol	87		86		26-103	1		50
2-Chlorophenol	73		74		25-102	1		50
2,4-Dichlorophenol	82		85		30-130	4		50
2,4-Dimethylphenol	71		74		30-130	4		50
2-Nitrophenol	79		81		30-130	3		50
4-Nitrophenol	93		94		11-114	1		50
2,4-Dinitrophenol	89		89		4-130	0		50
4,6-Dinitro-o-cresol	103		103		10-130	0		50
Pentachlorophenol	76		74		17-109	3		50
Phenol	76		78		26-90	3		50
2-Methylphenol	74		77		30-130.	4		50
3-Methylphenol/4-Methylphenol	80		82		30-130	2		50
2,4,5-Trichlorophenol	104		101		30-130	3		50
Benzoic Acid	81		69		10-110	16		50
Benzyl Alcohol	85		84		40-140	1		50
Carbazole	78		79		54-128	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436601
Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18 Batch: WG1942599-2 WG1942599-3								
1,4-Dioxane	47		48		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		72		25-120
Phenol-d6	71		73		10-120
Nitrobenzene-d5	80		82		23-120
2-Fluorobiphenyl	83		83		30-120
2,4,6-Tribromophenol	74		75		10-136
4-Terphenyl-d14	85		88		18-120

PCBS

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-02
Client ID: I3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 10:15
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/03/24 22:00
Analyst: AD
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 07:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.7	4.94	1	A
Aroclor 1221	ND		ug/kg	55.7	5.58	1	A
Aroclor 1232	ND		ug/kg	55.7	11.8	1	A
Aroclor 1242	ND		ug/kg	55.7	7.50	1	A
Aroclor 1248	ND		ug/kg	55.7	8.35	1	A
Aroclor 1254	ND		ug/kg	55.7	6.09	1	A
Aroclor 1260	ND		ug/kg	55.7	10.3	1	A
Aroclor 1262	ND		ug/kg	55.7	7.07	1	A
Aroclor 1268	ND		ug/kg	55.7	5.77	1	A
PCBs, Total	ND		ug/kg	55.7	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-06
Client ID: I4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 10:50
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/03/24 19:14
Analyst: AD
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 02:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.2	5.25	1	A
Aroclor 1221	ND		ug/kg	59.2	5.93	1	A
Aroclor 1232	ND		ug/kg	59.2	12.5	1	A
Aroclor 1242	ND		ug/kg	59.2	7.98	1	A
Aroclor 1248	ND		ug/kg	59.2	8.88	1	A
Aroclor 1254	ND		ug/kg	59.2	6.47	1	A
Aroclor 1260	ND		ug/kg	59.2	10.9	1	A
Aroclor 1262	ND		ug/kg	59.2	7.52	1	A
Aroclor 1268	ND		ug/kg	59.2	6.13	1	A
PCBs, Total	ND		ug/kg	59.2	5.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-10
Client ID: I5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 11:35
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/03/24 19:06
Analyst: AD
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 02:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.6	5.02	1	A
Aroclor 1221	ND		ug/kg	56.6	5.67	1	A
Aroclor 1232	ND		ug/kg	56.6	12.0	1	A
Aroclor 1242	ND		ug/kg	56.6	7.62	1	A
Aroclor 1248	ND		ug/kg	56.6	8.48	1	A
Aroclor 1254	ND		ug/kg	56.6	6.19	1	A
Aroclor 1260	ND		ug/kg	56.6	10.4	1	A
Aroclor 1262	ND		ug/kg	56.6	7.18	1	A
Aroclor 1268	ND		ug/kg	56.6	5.86	1	A
PCBs, Total	ND		ug/kg	56.6	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-14
Client ID: I6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 13:05
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/03/24 18:59
Analyst: AD
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 02:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.1	5.16	1	A
Aroclor 1221	ND		ug/kg	58.1	5.82	1	A
Aroclor 1232	ND		ug/kg	58.1	12.3	1	A
Aroclor 1242	ND		ug/kg	58.1	7.84	1	A
Aroclor 1248	ND		ug/kg	58.1	8.72	1	A
Aroclor 1254	ND		ug/kg	58.1	6.36	1	A
Aroclor 1260	ND		ug/kg	58.1	10.7	1	A
Aroclor 1262	ND		ug/kg	58.1	7.38	1	A
Aroclor 1268	ND		ug/kg	58.1	6.02	1	A
PCBs, Total	ND		ug/kg	58.1	5.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-18
Client ID: I7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 13:35
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/03/24 20:17
Analyst: AD
Percent Solids: 47%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 02:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	102	9.05	1	A
Aroclor 1221	ND		ug/kg	102	10.2	1	A
Aroclor 1232	ND		ug/kg	102	21.6	1	A
Aroclor 1242	ND		ug/kg	102	13.7	1	A
Aroclor 1248	ND		ug/kg	102	15.3	1	A
Aroclor 1254	ND		ug/kg	102	11.1	1	A
Aroclor 1260	ND		ug/kg	102	18.8	1	A
Aroclor 1262	ND		ug/kg	102	12.9	1	A
Aroclor 1268	ND		ug/kg	102	10.6	1	A
PCBs, Total	ND		ug/kg	102	9.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/03/24 10:19
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 07/03/24 02:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06,10,14,18 Batch: WG1942616-1						
Aroclor 1016	ND		ug/kg	47.3	4.20	A
Aroclor 1221	ND		ug/kg	47.3	4.74	A
Aroclor 1232	ND		ug/kg	47.3	10.0	A
Aroclor 1242	ND		ug/kg	47.3	6.38	A
Aroclor 1248	ND		ug/kg	47.3	7.10	A
Aroclor 1254	ND		ug/kg	47.3	5.18	A
Aroclor 1260	ND		ug/kg	47.3	8.75	A
Aroclor 1262	ND		ug/kg	47.3	6.01	A
Aroclor 1268	ND		ug/kg	47.3	4.90	A
PCBs, Total	ND		ug/kg	47.3	4.20	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/03/24 21:12
Analyst: AD

Extraction Method: EPA 3546
Extraction Date: 07/03/24 07:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG1942747-1						
Aroclor 1016	ND		ug/kg	46.9	4.16	A
Aroclor 1221	ND		ug/kg	46.9	4.70	A
Aroclor 1232	ND		ug/kg	46.9	9.93	A
Aroclor 1242	ND		ug/kg	46.9	6.32	A
Aroclor 1248	ND		ug/kg	46.9	7.03	A
Aroclor 1254	ND		ug/kg	46.9	5.13	A
Aroclor 1260	ND		ug/kg	46.9	8.66	A
Aroclor 1262	ND		ug/kg	46.9	5.95	A
Aroclor 1268	ND		ug/kg	46.9	4.85	A
PCBs, Total	ND		ug/kg	46.9	4.16	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	63		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06,10,14,18 Batch: WG1942616-2 WG1942616-3									
Aroclor 1016	114		115		40-140	1		50	A
Aroclor 1260	113		121		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		91		30-150	A
Decachlorobiphenyl	99		112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		85		30-150	B
Decachlorobiphenyl	91		100		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG1942747-2 WG1942747-3									
Aroclor 1016	66		66		40-140	0		50	A
Aroclor 1260	61		61		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		64		30-150	A
Decachlorobiphenyl	64		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		67		30-150	B
Decachlorobiphenyl	67		64		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-01
Client ID: I3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 10:10
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/24 08:43
Analyst: AKM
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 01:24
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.19	0.428	1	A
Lindane	ND		ug/kg	0.911	0.407	1	A
Alpha-BHC	ND		ug/kg	0.911	0.259	1	A
Beta-BHC	ND		ug/kg	2.19	0.829	1	A
Heptachlor	ND		ug/kg	1.09	0.490	1	A
Aldrin	ND		ug/kg	2.19	0.770	1	A
Heptachlor epoxide	ND		ug/kg	4.10	1.23	1	A
Endrin	ND		ug/kg	0.911	0.374	1	A
Endrin aldehyde	ND		ug/kg	2.73	0.956	1	A
Endrin ketone	ND		ug/kg	2.19	0.563	1	A
Dieldrin	1.02	J	ug/kg	1.37	0.683	1	B
4,4'-DDE	11.9		ug/kg	2.19	0.506	1	A
4,4'-DDD	ND		ug/kg	2.19	0.780	1	A
4,4'-DDT	4.97		ug/kg	2.19	1.76	1	A
Endosulfan I	ND		ug/kg	2.19	0.516	1	A
Endosulfan II	ND		ug/kg	2.19	0.731	1	A
Endosulfan sulfate	ND		ug/kg	0.911	0.434	1	A
Methoxychlor	ND		ug/kg	4.10	1.28	1	A
Toxaphene	ND		ug/kg	41.0	11.5	1	A
cis-Chlordane	ND	IP	ug/kg	2.73	0.762	1	B
trans-Chlordane	3.75		ug/kg	2.73	0.722	1	B
Chlordane	ND		ug/kg	18.2	7.24	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-01 Date Collected: 06/27/24 10:10

Client ID: I3_0-0.2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-01
Client ID: I3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/27/24 10:10
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 21:59
Analyst: PEG
Percent Solids: 73%
Methylation Date: 07/03/24 12:21
Extraction Method: EPA 8151A
Extraction Date: 07/02/24 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	225	14.2	1	A
2,4,5-T	ND		ug/kg	225	6.96	1	A
2,4,5-TP (Silvex)	ND		ug/kg	225	5.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	96		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-02
Client ID: I3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 10:15
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/24 08:54
Analyst: AKM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 01:24
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.748	0.334	1	A
Alpha-BHC	ND		ug/kg	0.748	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.680	1	A
Heptachlor	ND		ug/kg	0.897	0.402	1	A
Aldrin	ND		ug/kg	1.79	0.632	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.748	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.785	1	A
Endrin ketone	ND		ug/kg	1.79	0.462	1	A
Dieldrin	ND		ug/kg	1.12	0.561	1	A
4,4'-DDE	3.39		ug/kg	1.79	0.415	1	A
4,4'-DDD	ND		ug/kg	1.79	0.640	1	A
4,4'-DDT	ND		ug/kg	1.79	1.44	1	B
Endosulfan I	ND		ug/kg	1.79	0.424	1	A
Endosulfan II	ND		ug/kg	1.79	0.600	1	A
Endosulfan sulfate	ND		ug/kg	0.748	0.356	1	A
Methoxychlor	ND		ug/kg	3.36	1.05	1	A
Toxaphene	ND		ug/kg	33.6	9.42	1	A
cis-Chlordane	ND	IP	ug/kg	2.24	0.625	1	B
trans-Chlordane	1.20	J	ug/kg	2.24	0.592	1	A
Chlordane	ND		ug/kg	15.0	5.94	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-02 Date Collected: 06/27/24 10:15

Client ID: I3_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-02
Client ID: I3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 10:15
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 22:38
Analyst: PEG
Percent Solids: 87%
Methylation Date: 07/03/24 12:21

Extraction Method: EPA 8151A
Extraction Date: 07/02/24 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	191	12.0	1	A
2,4,5-T	ND		ug/kg	191	5.91	1	A
2,4,5-TP (Silvex)	ND		ug/kg	191	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	97		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-05
Client ID: I4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 10:45
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/24 09:05
Analyst: AKM
Percent Solids: 65%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 01:24
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.32	0.454	1	A
Lindane	ND		ug/kg	0.965	0.431	1	A
Alpha-BHC	ND		ug/kg	0.965	0.274	1	A
Beta-BHC	ND		ug/kg	2.32	0.878	1	A
Heptachlor	ND		ug/kg	1.16	0.519	1	A
Aldrin	ND		ug/kg	2.32	0.815	1	A
Heptachlor epoxide	4.18	J	ug/kg	4.34	1.30	1	B
Endrin	4.61		ug/kg	0.965	0.396	1	B
Endrin aldehyde	ND		ug/kg	2.89	1.01	1	A
Endrin ketone	ND		ug/kg	2.32	0.596	1	A
Dieldrin	85.7		ug/kg	1.45	0.724	1	A
4,4'-DDE	110		ug/kg	2.32	0.536	1	A
4,4'-DDD	ND		ug/kg	2.32	0.826	1	A
4,4'-DDT	22.8		ug/kg	2.32	1.86	1	A
Endosulfan I	ND		ug/kg	2.32	0.547	1	A
Endosulfan II	ND		ug/kg	2.32	0.774	1	A
Endosulfan sulfate	ND		ug/kg	0.965	0.459	1	A
Methoxychlor	ND		ug/kg	4.34	1.35	1	A
Toxaphene	ND		ug/kg	43.4	12.2	1	A
cis-Chlordane	4.24	IP	ug/kg	2.89	0.807	1	B
trans-Chlordane	3.94		ug/kg	2.89	0.764	1	B
Chlordane	ND		ug/kg	19.3	7.67	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-05 Date Collected: 06/27/24 10:45

Client ID: I4_0-0.2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-05
Client ID: I4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 10:45
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 22:58
Analyst: PEG
Percent Solids: 65%
Methylation Date: 07/03/24 12:21

Extraction Method: EPA 8151A
Extraction Date: 07/02/24 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	254	16.0	1	A
2,4,5-T	ND		ug/kg	254	7.87	1	A
2,4,5-TP (Silvex)	ND		ug/kg	254	6.75	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	60		30-150	A
DCAA	69		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-06
Client ID: I4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 10:50
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/24 09:17
Analyst: AKM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 01:25
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.375	1	A
Lindane	ND		ug/kg	0.797	0.356	1	A
Alpha-BHC	ND		ug/kg	0.797	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.725	1	A
Heptachlor	ND		ug/kg	0.957	0.429	1	A
Aldrin	ND		ug/kg	1.91	0.674	1	A
Heptachlor epoxide	1.85	J	ug/kg	3.59	1.08	1	B
Endrin	ND		ug/kg	0.797	0.327	1	B
Endrin aldehyde	ND		ug/kg	2.39	0.837	1	A
Endrin ketone	ND		ug/kg	1.91	0.493	1	A
Dieldrin	41.4		ug/kg	1.20	0.598	1	B
4,4'-DDE	142		ug/kg	1.91	0.442	1	B
4,4'-DDD	ND		ug/kg	1.91	0.682	1	A
4,4'-DDT	22.9		ug/kg	1.91	1.54	1	A
Endosulfan I	ND		ug/kg	1.91	0.452	1	A
Endosulfan II	ND		ug/kg	1.91	0.639	1	A
Endosulfan sulfate	ND		ug/kg	0.797	0.379	1	A
Methoxychlor	ND		ug/kg	3.59	1.12	1	A
Toxaphene	ND		ug/kg	35.9	10.0	1	A
cis-Chlordane	2.32	JIP	ug/kg	2.39	0.666	1	B
trans-Chlordane	2.52		ug/kg	2.39	0.631	1	A
Chlordane	ND		ug/kg	15.9	6.34	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-06 Date Collected: 06/27/24 10:50

Client ID: I4_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-06
Client ID: I4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/27/24 10:50
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 23:18
Analyst: PEG
Percent Solids: 81%
Methylation Date: 07/03/24 12:21
Extraction Method: EPA 8151A
Extraction Date: 07/02/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	204	12.9	1	A
2,4,5-T	ND		ug/kg	204	6.33	1	A
2,4,5-TP (Silvex)	ND		ug/kg	204	5.43	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	71		30-150	A
DCAA	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-09
Client ID: I5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 11:30
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/24 09:28
Analyst: AKM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 01:25
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.778	0.348	1	A
Alpha-BHC	ND		ug/kg	0.778	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.708	1	A
Heptachlor	ND		ug/kg	0.933	0.418	1	A
Aldrin	ND		ug/kg	1.87	0.657	1	A
Heptachlor epoxide	ND		ug/kg	3.50	1.05	1	B
Endrin	ND		ug/kg	0.778	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.817	1	A
Endrin ketone	ND		ug/kg	1.87	0.481	1	A
Dieldrin	3.19		ug/kg	1.17	0.583	1	B
4,4'-DDE	4.79	IP	ug/kg	1.87	0.432	1	B
4,4'-DDD	ND		ug/kg	1.87	0.666	1	A
4,4'-DDT	2.49		ug/kg	1.87	1.50	1	B
Endosulfan I	ND		ug/kg	1.87	0.441	1	A
Endosulfan II	ND		ug/kg	1.87	0.624	1	A
Endosulfan sulfate	ND		ug/kg	0.778	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.80	1	A
cis-Chlordane	0.931	JIP	ug/kg	2.33	0.650	1	B
trans-Chlordane	0.747	JIP	ug/kg	2.33	0.616	1	B
Chlordane	ND		ug/kg	15.6	6.18	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-09 Date Collected: 06/27/24 11:30

Client ID: I5_0-0.2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-09
Client ID: I5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 11:30
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 23:37
Analyst: PEG
Percent Solids: 83%
Methylation Date: 07/03/24 12:21

Extraction Method: EPA 8151A
Extraction Date: 07/02/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.4	1	A
2,4,5-T	ND		ug/kg	196	6.08	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-10
Client ID: I5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 11:35
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/24 09:40
Analyst: AKM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 01:25
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.757	0.338	1	A
Alpha-BHC	ND		ug/kg	0.757	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.689	1	A
Heptachlor	ND		ug/kg	0.908	0.407	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.757	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.795	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.14	0.568	1	A
4,4'-DDE	0.822	J	ug/kg	1.82	0.420	1	B
4,4'-DDD	ND		ug/kg	1.82	0.648	1	A
4,4'-DDT	ND		ug/kg	1.82	1.46	1	B
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.757	0.360	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.54	1	A
cis-Chlordane	ND		ug/kg	2.27	0.633	1	B
trans-Chlordane	ND	IP	ug/kg	2.27	0.600	1	B
Chlordane	ND		ug/kg	15.1	6.02	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-10 Date Collected: 06/27/24 11:35

Client ID: I5_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-10
Client ID: I5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 11:35
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/24 23:57
Analyst: PEG
Percent Solids: 85%
Methylation Date: 07/03/24 12:21

Extraction Method: EPA 8151A
Extraction Date: 07/02/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.00	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	88		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-13
Client ID: I6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 13:00
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/24 09:51
Analyst: AKM
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 01:25
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.13	0.417	1	A
Lindane	ND		ug/kg	0.887	0.397	1	A
Alpha-BHC	ND		ug/kg	0.887	0.252	1	A
Beta-BHC	ND		ug/kg	2.13	0.808	1	A
Heptachlor	ND		ug/kg	1.06	0.477	1	A
Aldrin	ND		ug/kg	2.13	0.750	1	A
Heptachlor epoxide	7.31		ug/kg	3.99	1.20	1	B
Endrin	ND		ug/kg	0.887	0.364	1	A
Endrin aldehyde	ND		ug/kg	2.66	0.932	1	A
Endrin ketone	ND		ug/kg	2.13	0.548	1	A
Dieldrin	28.2		ug/kg	1.33	0.666	1	A
4,4'-DDE	22.2		ug/kg	2.13	0.492	1	B
4,4'-DDD	ND		ug/kg	2.13	0.760	1	A
4,4'-DDT	5.70	IP	ug/kg	2.13	1.71	1	A
Endosulfan I	ND		ug/kg	2.13	0.503	1	A
Endosulfan II	ND		ug/kg	2.13	0.712	1	A
Endosulfan sulfate	ND		ug/kg	0.887	0.422	1	A
Methoxychlor	ND		ug/kg	3.99	1.24	1	A
Toxaphene	ND		ug/kg	39.9	11.2	1	A
cis-Chlordane	5.27	IP	ug/kg	2.66	0.742	1	B
trans-Chlordane	4.52		ug/kg	2.66	0.703	1	A
Chlordane	ND		ug/kg	17.7	7.05	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-13 Date Collected: 06/27/24 13:00

Client ID: I6_0-0.2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-13
Client ID: I6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 13:00
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/04/24 00:16
Analyst: PEG
Percent Solids: 74%
Methylation Date: 07/03/24 12:21

Extraction Method: EPA 8151A
Extraction Date: 07/02/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	220	13.8	1	A
2,4,5-T	ND		ug/kg	220	6.81	1	A
2,4,5-TP (Silvex)	ND		ug/kg	220	5.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	70		30-150	A
DCAA	81		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-14
Client ID: I6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 13:05
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/24 10:25
Analyst: AKM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 01:25
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.376	1	A
Lindane	ND		ug/kg	0.800	0.357	1	A
Alpha-BHC	ND		ug/kg	0.800	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.728	1	A
Heptachlor	ND		ug/kg	0.959	0.430	1	A
Aldrin	ND		ug/kg	1.92	0.676	1	A
Heptachlor epoxide	7.07		ug/kg	3.60	1.08	1	B
Endrin	ND		ug/kg	0.800	0.328	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.840	1	A
Endrin ketone	ND		ug/kg	1.92	0.494	1	A
Dieldrin	23.5		ug/kg	1.20	0.600	1	B
4,4'-DDE	39.1		ug/kg	1.92	0.444	1	B
4,4'-DDD	ND		ug/kg	1.92	0.684	1	A
4,4'-DDT	11.8		ug/kg	1.92	1.54	1	B
Endosulfan I	ND		ug/kg	1.92	0.453	1	A
Endosulfan II	ND		ug/kg	1.92	0.641	1	A
Endosulfan sulfate	ND		ug/kg	0.800	0.380	1	A
Methoxychlor	ND		ug/kg	3.60	1.12	1	A
Toxaphene	ND		ug/kg	36.0	10.1	1	A
cis-Chlordane	7.05	IP	ug/kg	2.40	0.668	1	B
trans-Chlordane	7.04		ug/kg	2.40	0.633	1	A
Chlordane	ND		ug/kg	16.0	6.36	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-14 Date Collected: 06/27/24 13:05

Client ID: I6_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-14
Client ID: I6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 13:05
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/04/24 01:15
Analyst: PEG
Percent Solids: 81%
Methylation Date: 07/03/24 12:21

Extraction Method: EPA 8151A
Extraction Date: 07/02/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	205	12.9	1	A
2,4,5-T	ND		ug/kg	205	6.36	1	A
2,4,5-TP (Silvex)	ND		ug/kg	205	5.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	91		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-17
Client ID: I7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 13:30
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/24 10:37
Analyst: AKM
Percent Solids: 46%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 01:25
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	3.32	0.651	1	A
Lindane	ND		ug/kg	1.38	0.619	1	A
Alpha-BHC	ND		ug/kg	1.38	0.393	1	A
Beta-BHC	ND		ug/kg	3.32	1.26	1	A
Heptachlor	2.65	IP	ug/kg	1.66	0.745	1	B
Aldrin	2.46	J	ug/kg	3.32	1.17	1	B
Heptachlor epoxide	91.5		ug/kg	6.23	1.87	1	B
Endrin	43.7		ug/kg	1.38	0.568	1	B
Endrin aldehyde	ND		ug/kg	4.15	1.45	1	A
Endrin ketone	ND		ug/kg	3.32	0.856	1	A
Dieldrin	274		ug/kg	2.08	1.04	1	A
4,4'-DDE	43.3		ug/kg	3.32	0.768	1	B
4,4'-DDD	ND		ug/kg	3.32	1.18	1	A
4,4'-DDT	40.8		ug/kg	3.32	2.67	1	B
Endosulfan I	ND		ug/kg	3.32	0.785	1	A
Endosulfan II	ND		ug/kg	3.32	1.11	1	A
Endosulfan sulfate	ND		ug/kg	1.38	0.659	1	A
Methoxychlor	ND		ug/kg	6.23	1.94	1	A
Toxaphene	ND		ug/kg	62.3	17.4	1	A
cis-Chlordane	122	IP	ug/kg	4.15	1.16	1	B
trans-Chlordane	93.1		ug/kg	4.15	1.10	1	A
Chlordane	885		ug/kg	27.7	11.0	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-17 Date Collected: 06/27/24 13:30

Client ID: I7_0-0.2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-17
Client ID: I7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 13:30
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/04/24 01:35
Analyst: PEG
Percent Solids: 46%
Methylation Date: 07/03/24 12:21

Extraction Method: EPA 8151A
Extraction Date: 07/02/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	364	22.9	1	A
2,4,5-T	ND		ug/kg	364	11.3	1	A
2,4,5-TP (Silvex)	ND		ug/kg	364	9.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	68		30-150	A
DCAA	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-18
Client ID: I7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 13:35
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/24 10:48
Analyst: AKM
Percent Solids: 47%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 01:25
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	3.24	0.636	1	A
Lindane	ND		ug/kg	1.35	0.604	1	A
Alpha-BHC	ND		ug/kg	1.35	0.384	1	A
Beta-BHC	ND		ug/kg	3.24	1.23	1	A
Heptachlor	1.54	J	ug/kg	1.62	0.728	1	A
Aldrin	ND		ug/kg	3.24	1.14	1	A
Heptachlor epoxide	ND		ug/kg	6.08	1.82	1	A
Endrin	ND		ug/kg	1.35	0.554	1	A
Endrin aldehyde	ND		ug/kg	4.06	1.42	1	A
Endrin ketone	ND		ug/kg	3.24	0.836	1	A
Dieldrin	2.20		ug/kg	2.03	1.01	1	A
4,4'-DDE	2.66	J	ug/kg	3.24	0.750	1	B
4,4'-DDD	ND		ug/kg	3.24	1.16	1	A
4,4'-DDT	ND		ug/kg	3.24	2.61	1	A
Endosulfan I	ND		ug/kg	3.24	0.767	1	A
Endosulfan II	ND		ug/kg	3.24	1.08	1	A
Endosulfan sulfate	ND		ug/kg	1.35	0.644	1	A
Methoxychlor	ND		ug/kg	6.08	1.89	1	A
Toxaphene	ND		ug/kg	60.8	17.0	1	A
cis-Chlordane	1.97	JIP	ug/kg	4.06	1.13	1	B
trans-Chlordane	2.44	JIP	ug/kg	4.06	1.07	1	B
Chlordane	ND		ug/kg	27.0	10.8	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-18 Date Collected: 06/27/24 13:35

Client ID: I7_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-18
Client ID: I7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 13:35
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/04/24 01:54
Analyst: PEG
Percent Solids: 47%
Methylation Date: 07/03/24 12:21

Extraction Method: EPA 8151A
Extraction Date: 07/02/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	351	22.1	1	A
2,4,5-T	ND		ug/kg	351	10.9	1	A
2,4,5-TP (Silvex)	ND		ug/kg	351	9.35	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	75		30-150	A
DCAA	81		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-21
Client ID: DUP_06272024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 12:00
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/24 11:00
Analyst: AKM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 01:25
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.358	1	A
Lindane	ND		ug/kg	0.762	0.340	1	A
Alpha-BHC	ND		ug/kg	0.762	0.216	1	A
Beta-BHC	ND		ug/kg	1.83	0.693	1	A
Heptachlor	ND		ug/kg	0.914	0.410	1	A
Aldrin	ND		ug/kg	1.83	0.644	1	A
Heptachlor epoxide	ND		ug/kg	3.43	1.03	1	A
Endrin	ND		ug/kg	0.762	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.800	1	A
Endrin ketone	ND		ug/kg	1.83	0.471	1	A
Dieldrin	2.14		ug/kg	1.14	0.571	1	A
4,4'-DDE	3.75	IP	ug/kg	1.83	0.423	1	B
4,4'-DDD	ND		ug/kg	1.83	0.652	1	A
4,4'-DDT	2.01		ug/kg	1.83	1.47	1	B
Endosulfan I	ND		ug/kg	1.83	0.432	1	A
Endosulfan II	ND		ug/kg	1.83	0.611	1	A
Endosulfan sulfate	ND		ug/kg	0.762	0.363	1	A
Methoxychlor	ND		ug/kg	3.43	1.07	1	A
Toxaphene	ND		ug/kg	34.3	9.60	1	A
cis-Chlordane	0.814	JIP	ug/kg	2.28	0.637	1	B
trans-Chlordane	0.977	JIP	ug/kg	2.28	0.603	1	B
Chlordane	ND		ug/kg	15.2	6.06	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-21 Date Collected: 06/27/24 12:00

Client ID: DUP_06272024 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2436601
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-21
Client ID: DUP_06272024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 12:00
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/04/24 02:34
Analyst: PEG
Percent Solids: 82%
Methylation Date: 07/03/24 12:21

Extraction Method: EPA 8151A
Extraction Date: 07/02/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	198	12.5	1	A
2,4,5-T	ND		ug/kg	198	6.15	1	A
2,4,5-TP (Silvex)	ND		ug/kg	198	5.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	104		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/03/24 18:44
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 07/02/24 14:10

Methylation Date: 07/03/24 12:21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21 Batch: WG1942390-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.03	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.32	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	97		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/05/24 07:34
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 07/03/24 01:24
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21 Batch: WG1942606-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.647	0.289	A
Alpha-BHC	ND		ug/kg	0.647	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.589	A
Heptachlor	ND		ug/kg	0.776	0.348	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.91	0.873	A
Endrin	ND		ug/kg	0.647	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.679	A
Endrin ketone	ND		ug/kg	1.55	0.400	A
Dieldrin	ND		ug/kg	0.970	0.485	A
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDD	ND		ug/kg	1.55	0.554	A
4,4'-DDT	ND		ug/kg	1.55	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.367	A
Endosulfan II	ND		ug/kg	1.55	0.519	A
Endosulfan sulfate	ND		ug/kg	0.647	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.906	A
Toxaphene	ND		ug/kg	29.1	8.15	A
cis-Chlordane	ND		ug/kg	1.94	0.541	A
trans-Chlordane	ND		ug/kg	1.94	0.512	A
Chlordane	ND		ug/kg	12.9	5.14	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/05/24 07:34
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 07/03/24 01:24
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21 Batch: WG1942606-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	103		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	106		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21 Batch: WG1942390-2 WG1942390-3									
2,4-D	87		91		30-150	4		30	A
2,4,5-T	99		100		30-150	1		30	A
2,4,5-TP (Silvex)	94		95		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	91		92		30-150	A
DCAA	108		112		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21 Batch: WG1942606-2 WG1942606-3									
Delta-BHC	90		84		30-150	7		30	A
Lindane	87		82		30-150	6		30	A
Alpha-BHC	90		85		30-150	6		30	A
Beta-BHC	100		93		30-150	7		30	A
Heptachlor	88		85		30-150	3		30	A
Aldrin	88		83		30-150	6		30	A
Heptachlor epoxide	75		70		30-150	7		30	A
Endrin	92		86		30-150	7		30	A
Endrin aldehyde	88		83		30-150	6		30	A
Endrin ketone	96		89		30-150	8		30	A
Dieldrin	99		92		30-150	7		30	A
4,4'-DDE	93		86		30-150	8		30	A
4,4'-DDD	101		93		30-150	8		30	A
4,4'-DDT	96		90		30-150	6		30	A
Endosulfan I	90		84		30-150	7		30	A
Endosulfan II	95		87		30-150	9		30	A
Endosulfan sulfate	96		88		30-150	9		30	A
Methoxychlor	89		82		30-150	8		30	A
cis-Chlordane	85		79		30-150	7		30	A
trans-Chlordane	103		95		30-150	8		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21 Batch: WG1942606-2 WG1942606-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		73		30-150	A
Decachlorobiphenyl	106		94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		79		30-150	B
Decachlorobiphenyl	106		100		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21 QC Batch ID: WG1942390-4 WG1942390-5 QC Sample: L2436601-13 Client ID: I6_0-0.2													
2,4-D	ND	223	202J	91		173J	78		30-150	15		30	A
2,4,5-T	ND	223	227	102		188J	85		30-150	19		30	A
2,4,5-TP (Silvex)	ND	223	218J	98		216J	98		30-150	1		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	98		78		30-150	A
DCAA	118		95		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21 QC Batch ID: WG1942606-4 WG1942606-5 QC Sample: L2436601-13 Client ID: I6_0-0.2													
Delta-BHC	ND	43.9	47.6	108		75.7	**173**	Q	30-150	46		50	A
Lindane	ND	43.9	22.4	51		33.8	77		30-150	41		50	A
Alpha-BHC	ND	43.9	23.7	54		35.3	81		30-150	39		50	A
Beta-BHC	ND	43.9	26.4	60		39.5	90		30-150	40		50	A
Heptachlor	ND	43.9	23.8	54		34.8	80		30-150	38		50	A
Aldrin	ND	43.9	23.1	53		34.5	79		30-150	40		50	A
Heptachlor epoxide	7.31	43.9	28.4	48		42.0	79		30-150	39		50	B
Endrin	ND	43.9	25.0	57		38.0	87		30-150	41		50	A
Endrin aldehyde	ND	43.9	24.0	55		34.6	79		30-150	36		50	A
Endrin ketone	ND	43.9	27.5	63		40.8	93		30-150	39		50	A
Dieldrin	28.2	43.9	46.2	41		67.8	91		30-150	38		50	A
4,4'-DDE	22.2	43.9	41.7	44		62.0	91		30-150	39		50	B
4,4'-DDD	ND	43.9	27.7	63		42.0	96		30-150	41		50	A
4,4'-DDT	5.70IP	43.9	29.3	54		44.2	88		30-150	41		50	A
Endosulfan I	ND	43.9	23.7	54		35.4	81		30-150	40		50	A
Endosulfan II	ND	43.9	25.1	57		37.8	86		30-150	40		50	A
Endosulfan sulfate	ND	43.9	24.6	56		37.1	85		30-150	41		50	A
Methoxychlor	ND	43.9	23.8	54		35.5	81		30-150	39		50	A
cis-Chlordane	5.27IP	43.9	27.7	51		42.1	84		30-150	41		50	B
trans-Chlordane	4.52	43.9	31.7	62		46.6	96		30-150	38		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21 QC Batch ID: WG1942606-4 WG1942606-5 QC Sample: L2436601-13 Client ID: I6_0-0.2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		67		30-150	A
Decachlorobiphenyl	57		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		71		30-150	B
Decachlorobiphenyl	63		95		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-01 Date Collected: 06/27/24 10:10

Client ID: I3_0-0.2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10800		mg/kg	10.6	2.87	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	5.31	0.404	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Arsenic, Total	19.1		mg/kg	1.06	0.221	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Barium, Total	80.1		mg/kg	1.06	0.185	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.400	J	mg/kg	0.531	0.035	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.513	J	mg/kg	1.06	0.104	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Calcium, Total	3300		mg/kg	10.6	3.72	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Chromium, Total	18.2		mg/kg	1.06	0.102	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.43		mg/kg	2.12	0.176	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Copper, Total	16.8		mg/kg	1.06	0.274	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Iron, Total	15800		mg/kg	5.31	0.960	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Lead, Total	81.4		mg/kg	5.31	0.285	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Magnesium, Total	4430		mg/kg	10.6	1.64	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Manganese, Total	378		mg/kg	1.06	0.169	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Mercury, Total	0.288		mg/kg	0.103	0.067	1	07/02/24 02:20	07/03/24 17:45	EPA 7471B	1,7471B	JWN
Nickel, Total	14.1		mg/kg	2.66	0.257	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Potassium, Total	1360		mg/kg	266	15.3	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Selenium, Total	0.435	J	mg/kg	2.12	0.274	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.531	0.301	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Sodium, Total	56.6	J	mg/kg	212	3.35	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Thallium, Total	0.466	J	mg/kg	2.12	0.335	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Vanadium, Total	25.6		mg/kg	1.06	0.216	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF
Zinc, Total	93.5		mg/kg	5.31	0.311	2	07/02/24 01:05	07/05/24 13:26	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-02 Date Collected: 06/27/24 10:15

Client ID: I3_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10900		mg/kg	8.82	2.38	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.41	0.335	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Arsenic, Total	8.28		mg/kg	0.882	0.183	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Barium, Total	71.4		mg/kg	0.882	0.153	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.293	J	mg/kg	0.441	0.029	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.179	J	mg/kg	0.882	0.086	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Calcium, Total	1720		mg/kg	8.82	3.09	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Chromium, Total	18.7		mg/kg	0.882	0.085	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.32		mg/kg	1.76	0.146	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Copper, Total	18.0		mg/kg	0.882	0.228	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Iron, Total	17100		mg/kg	4.41	0.796	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Lead, Total	34.1		mg/kg	4.41	0.236	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Magnesium, Total	4770		mg/kg	8.82	1.36	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Manganese, Total	316		mg/kg	0.882	0.140	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Mercury, Total	0.085	J	mg/kg	0.086	0.056	1	07/02/24 02:20	07/03/24 17:48	EPA 7471B	1,7471B	JWN
Nickel, Total	14.8		mg/kg	2.20	0.213	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Potassium, Total	2380		mg/kg	220	12.7	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.76	0.228	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.441	0.250	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Sodium, Total	41.7	J	mg/kg	176	2.78	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Thallium, Total	0.613	J	mg/kg	1.76	0.278	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Vanadium, Total	26.0		mg/kg	0.882	0.179	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF
Zinc, Total	54.0		mg/kg	4.41	0.258	2	07/02/24 01:05	07/05/24 13:30	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-05 Date Collected: 06/27/24 10:45

Client ID: I4_0-0.2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18700		mg/kg	12.2	3.29	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	6.10	0.464	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Arsenic, Total	73.1		mg/kg	1.22	0.254	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Barium, Total	86.9		mg/kg	1.22	0.212	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.674		mg/kg	0.610	0.040	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.634	J	mg/kg	1.22	0.120	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Calcium, Total	963		mg/kg	12.2	4.27	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Chromium, Total	58.5		mg/kg	1.22	0.117	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.62		mg/kg	2.44	0.202	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Copper, Total	19.6		mg/kg	1.22	0.315	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Iron, Total	22600		mg/kg	6.10	1.10	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Lead, Total	153		mg/kg	6.10	0.327	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Magnesium, Total	5530		mg/kg	12.2	1.88	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Manganese, Total	558		mg/kg	1.22	0.194	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Mercury, Total	1.13		mg/kg	0.114	0.074	1	07/02/24 02:20	07/03/24 17:52	EPA 7471B	1,7471B	JWN
Nickel, Total	19.2		mg/kg	3.05	0.295	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Potassium, Total	1080		mg/kg	305	17.6	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Selenium, Total	0.528	J	mg/kg	2.44	0.315	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.610	0.345	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Sodium, Total	36.9	J	mg/kg	244	3.84	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Thallium, Total	0.564	J	mg/kg	2.44	0.384	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Vanadium, Total	37.4		mg/kg	1.22	0.248	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF
Zinc, Total	105		mg/kg	6.10	0.358	2	07/02/24 01:05	07/05/24 13:34	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-06 Date Collected: 06/27/24 10:50

Client ID: I4_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15600		mg/kg	9.75	2.63	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.88	0.370	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Arsenic, Total	25.1		mg/kg	0.975	0.203	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Barium, Total	72.0		mg/kg	0.975	0.170	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.517		mg/kg	0.488	0.032	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.300	J	mg/kg	0.975	0.096	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Calcium, Total	613		mg/kg	9.75	3.41	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Chromium, Total	29.6		mg/kg	0.975	0.094	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.03		mg/kg	1.95	0.162	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Copper, Total	13.7		mg/kg	0.975	0.252	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Iron, Total	19400		mg/kg	4.88	0.880	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Lead, Total	53.9		mg/kg	4.88	0.261	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Magnesium, Total	5070		mg/kg	9.75	1.50	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Manganese, Total	386		mg/kg	0.975	0.155	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Mercury, Total	0.260		mg/kg	0.083	0.054	1	07/02/24 02:20	07/03/24 17:55	EPA 7471B	1,7471B	JWN
Nickel, Total	16.1		mg/kg	2.44	0.236	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Potassium, Total	860		mg/kg	244	14.0	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Selenium, Total	0.298	J	mg/kg	1.95	0.252	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.488	0.276	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Sodium, Total	26.2	J	mg/kg	195	3.07	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Thallium, Total	0.714	J	mg/kg	1.95	0.307	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Vanadium, Total	31.6		mg/kg	0.975	0.198	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF
Zinc, Total	68.4		mg/kg	4.88	0.286	2	07/02/24 01:05	07/05/24 13:38	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-09 Date Collected: 06/27/24 11:30

Client ID: I5_0-0.2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13900		mg/kg	9.35	2.52	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.68	0.355	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Arsenic, Total	44.5		mg/kg	0.935	0.194	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Barium, Total	62.4		mg/kg	0.935	0.163	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.350	J	mg/kg	0.468	0.031	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.144	J	mg/kg	0.935	0.092	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Calcium, Total	1200		mg/kg	9.35	3.27	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Chromium, Total	30.3		mg/kg	0.935	0.090	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.90		mg/kg	1.87	0.155	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Copper, Total	17.4		mg/kg	0.935	0.241	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Iron, Total	18300		mg/kg	4.68	0.845	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Lead, Total	127		mg/kg	4.68	0.251	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Magnesium, Total	7590		mg/kg	9.35	1.44	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Manganese, Total	277		mg/kg	0.935	0.149	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Mercury, Total	0.158		mg/kg	0.088	0.057	1	07/02/24 02:20	07/03/24 17:58	EPA 7471B	1,7471B	JWN
Nickel, Total	15.8		mg/kg	2.34	0.226	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Potassium, Total	2180		mg/kg	234	13.5	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.87	0.241	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.468	0.265	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Sodium, Total	42.0	J	mg/kg	187	2.95	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Thallium, Total	0.837	J	mg/kg	1.87	0.295	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Vanadium, Total	37.8		mg/kg	0.935	0.190	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF
Zinc, Total	77.8		mg/kg	4.68	0.274	2	07/02/24 01:05	07/05/24 13:42	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-10 Date Collected: 06/27/24 11:35

Client ID: I5_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15100		mg/kg	9.19	2.48	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.59	0.349	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Arsenic, Total	15.0		mg/kg	0.919	0.191	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Barium, Total	52.0		mg/kg	0.919	0.160	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.525		mg/kg	0.459	0.030	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.098	J	mg/kg	0.919	0.090	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Calcium, Total	772		mg/kg	9.19	3.22	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Chromium, Total	28.8		mg/kg	0.919	0.088	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.72		mg/kg	1.84	0.152	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Copper, Total	14.4		mg/kg	0.919	0.237	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Iron, Total	19300		mg/kg	4.59	0.830	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Lead, Total	46.3		mg/kg	4.59	0.246	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Magnesium, Total	7370		mg/kg	9.19	1.41	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Manganese, Total	288		mg/kg	0.919	0.146	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Mercury, Total	0.064	J	mg/kg	0.083	0.054	1	07/02/24 02:20	07/03/24 18:02	EPA 7471B	1,7471B	JWN
Nickel, Total	16.5		mg/kg	2.30	0.222	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Potassium, Total	1130		mg/kg	230	13.2	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.84	0.237	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.459	0.260	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Sodium, Total	31.4	J	mg/kg	184	2.89	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Thallium, Total	0.883	J	mg/kg	1.84	0.289	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Vanadium, Total	41.4		mg/kg	0.919	0.186	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF
Zinc, Total	74.7		mg/kg	4.59	0.269	2	07/02/24 01:05	07/05/24 13:46	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-13 Date Collected: 06/27/24 13:00

Client ID: I6_0-0.2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12400		mg/kg	10.5	2.84	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	5.26	0.399	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Arsenic, Total	31.3		mg/kg	1.05	0.219	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Barium, Total	77.1		mg/kg	1.05	0.183	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.424	J	mg/kg	0.526	0.035	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.565	J	mg/kg	1.05	0.103	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Calcium, Total	1900		mg/kg	10.5	3.68	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Chromium, Total	38.4		mg/kg	1.05	0.101	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.08		mg/kg	2.10	0.174	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Copper, Total	19.2		mg/kg	1.05	0.271	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Iron, Total	15800		mg/kg	5.26	0.949	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Lead, Total	42.7		mg/kg	5.26	0.282	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Magnesium, Total	5500		mg/kg	10.5	1.62	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Manganese, Total	233		mg/kg	1.05	0.167	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Mercury, Total	0.418		mg/kg	0.095	0.062	1	07/02/24 02:20	07/03/24 17:12	EPA 7471B	1,7471B	JWN
Nickel, Total	17.4		mg/kg	2.63	0.254	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Potassium, Total	1260		mg/kg	263	15.1	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Selenium, Total	0.491	J	mg/kg	2.10	0.271	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.526	0.297	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Sodium, Total	37.4	J	mg/kg	210	3.31	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Thallium, Total	0.529	J	mg/kg	2.10	0.331	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Vanadium, Total	28.8		mg/kg	1.05	0.213	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF
Zinc, Total	130		mg/kg	5.26	0.308	2	07/02/24 01:05	07/05/24 12:57	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-14 Date Collected: 06/27/24 13:05

Client ID: I6_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13200		mg/kg	9.72	2.62	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.86	0.369	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Arsenic, Total	9.50		mg/kg	0.972	0.202	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Barium, Total	78.6		mg/kg	0.972	0.169	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.462	J	mg/kg	0.486	0.032	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.214	J	mg/kg	0.972	0.095	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Calcium, Total	949		mg/kg	9.72	3.40	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Chromium, Total	23.7		mg/kg	0.972	0.093	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.87		mg/kg	1.94	0.161	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Copper, Total	12.6		mg/kg	0.972	0.251	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Iron, Total	16100		mg/kg	4.86	0.878	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Lead, Total	19.2		mg/kg	4.86	0.260	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Magnesium, Total	4180		mg/kg	9.72	1.50	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Manganese, Total	139		mg/kg	0.972	0.154	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Mercury, Total	0.179		mg/kg	0.084	0.055	1	07/02/24 02:20	07/03/24 18:05	EPA 7471B	1,7471B	JWN
Nickel, Total	17.6		mg/kg	2.43	0.235	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Potassium, Total	475		mg/kg	243	14.0	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.94	0.251	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.486	0.275	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Sodium, Total	35.9	J	mg/kg	194	3.06	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Thallium, Total	0.488	J	mg/kg	1.94	0.306	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Vanadium, Total	26.4		mg/kg	0.972	0.197	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF
Zinc, Total	57.3		mg/kg	4.86	0.285	2	07/02/24 01:05	07/05/24 13:50	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-17 Date Collected: 06/27/24 13:30

Client ID: I7_0-0.2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 46%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12100		mg/kg	17.5	4.71	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Antimony, Total	2.18	J	mg/kg	8.73	0.663	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Arsenic, Total	154		mg/kg	1.75	0.363	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Barium, Total	109		mg/kg	1.75	0.304	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.484	J	mg/kg	0.873	0.058	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Cadmium, Total	2.94		mg/kg	1.75	0.171	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Calcium, Total	8410		mg/kg	17.5	6.11	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Chromium, Total	94.5		mg/kg	1.75	0.168	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.41		mg/kg	3.49	0.290	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Copper, Total	49.0		mg/kg	1.75	0.450	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Iron, Total	19500		mg/kg	8.73	1.58	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Lead, Total	118		mg/kg	8.73	0.468	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Magnesium, Total	9250		mg/kg	17.5	2.69	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Manganese, Total	547		mg/kg	1.75	0.278	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Mercury, Total	1.62		mg/kg	0.171	0.112	1	07/02/24 02:20	07/03/24 18:08	EPA 7471B	1,7471B	JWN
Nickel, Total	22.4		mg/kg	4.36	0.422	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Potassium, Total	1110		mg/kg	436	25.1	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Selenium, Total	0.770	J	mg/kg	3.49	0.450	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Silver, Total	0.496	J	mg/kg	0.873	0.494	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Sodium, Total	71.6	J	mg/kg	349	5.50	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	3.49	0.550	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Vanadium, Total	34.7		mg/kg	1.75	0.354	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF
Zinc, Total	124		mg/kg	8.73	0.512	2	07/02/24 01:05	07/05/24 13:54	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-18 Date Collected: 06/27/24 13:35

Client ID: I7_0.2-2 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 47%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	20800		mg/kg	16.6	4.49	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	8.31	0.632	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Arsenic, Total	10.8		mg/kg	1.66	0.346	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Barium, Total	175		mg/kg	1.66	0.289	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.939		mg/kg	0.831	0.055	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.413	J	mg/kg	1.66	0.163	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Calcium, Total	3070		mg/kg	16.6	5.82	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Chromium, Total	34.0		mg/kg	1.66	0.160	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.01		mg/kg	3.32	0.276	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Copper, Total	36.3		mg/kg	1.66	0.429	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Iron, Total	23000		mg/kg	8.31	1.50	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Lead, Total	71.8		mg/kg	8.31	0.446	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Magnesium, Total	6360		mg/kg	16.6	2.56	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Manganese, Total	356		mg/kg	1.66	0.264	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Mercury, Total	0.525		mg/kg	0.152	0.099	1	07/02/24 02:20	07/03/24 18:11	EPA 7471B	1,7471B	JWN
Nickel, Total	23.6		mg/kg	4.16	0.402	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Potassium, Total	976		mg/kg	416	23.9	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Selenium, Total	1.98	J	mg/kg	3.32	0.429	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.831	0.470	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Sodium, Total	48.6	J	mg/kg	332	5.24	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Thallium, Total	0.834	J	mg/kg	3.32	0.524	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Vanadium, Total	39.4		mg/kg	1.66	0.338	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF
Zinc, Total	109		mg/kg	8.31	0.487	2	07/02/24 01:05	07/05/24 13:58	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-21 Date Collected: 06/27/24 12:00

Client ID: DUP_06272024 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14400		mg/kg	9.68	2.62	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.84	0.368	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Arsenic, Total	67.4		mg/kg	0.968	0.201	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Barium, Total	44.8		mg/kg	0.968	0.168	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.415	J	mg/kg	0.484	0.032	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.144	J	mg/kg	0.968	0.095	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Calcium, Total	1410		mg/kg	9.68	3.39	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Chromium, Total	27.4		mg/kg	0.968	0.093	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Cobalt, Total	9.11		mg/kg	1.94	0.161	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Copper, Total	20.5		mg/kg	0.968	0.250	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Iron, Total	19800		mg/kg	4.84	0.875	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Lead, Total	170		mg/kg	4.84	0.260	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Magnesium, Total	7090		mg/kg	9.68	1.49	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Manganese, Total	390		mg/kg	0.968	0.154	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Mercury, Total	0.149		mg/kg	0.085	0.055	1	07/02/24 02:20	07/03/24 18:15	EPA 7471B	1,7471B	JWN
Nickel, Total	17.7		mg/kg	2.42	0.234	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Potassium, Total	1660		mg/kg	242	13.9	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Selenium, Total	0.286	J	mg/kg	1.94	0.250	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.484	0.274	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Sodium, Total	54.0	J	mg/kg	194	3.05	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Thallium, Total	0.735	J	mg/kg	1.94	0.305	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Vanadium, Total	37.6		mg/kg	0.968	0.197	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF
Zinc, Total	82.2		mg/kg	4.84	0.284	2	07/02/24 01:05	07/05/24 14:02	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436601

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21 Batch: WG1941991-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/02/24 02:20	07/03/24 17:05	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21 Batch: WG1942024-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Iron, Total	0.827	J	mg/kg	2.00	0.361	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/02/24 01:05	07/05/24 12:37	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21 Batch: WG1941991-2								
Mercury, Total	100		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21 Batch: WG1942024-2					
Aluminum, Total	99	-	80-120	-	
Antimony, Total	101	-	80-120	-	
Arsenic, Total	94	-	80-120	-	
Barium, Total	97	-	80-120	-	
Beryllium, Total	99	-	80-120	-	
Cadmium, Total	98	-	80-120	-	
Calcium, Total	96	-	80-120	-	
Chromium, Total	99	-	80-120	-	
Cobalt, Total	100	-	80-120	-	
Copper, Total	100	-	80-120	-	
Iron, Total	98	-	80-120	-	
Lead, Total	95	-	80-120	-	
Magnesium, Total	97	-	80-120	-	
Manganese, Total	96	-	80-120	-	
Nickel, Total	98	-	80-120	-	
Potassium, Total	102	-	80-120	-	
Selenium, Total	96	-	80-120	-	
Silver, Total	103	-	80-120	-	
Sodium, Total	99	-	80-120	-	
Thallium, Total	93	-	80-120	-	
Vanadium, Total	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21 Batch: WG1942024-2					
Zinc, Total	99	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436601
Report Date: 07/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21 QC Batch ID: WG1941991-3 WG1941991-4 QC Sample: L2436601-13 Client ID: I6_0-0.2												
Mercury, Total	0.418	1.92	2.29	97		2.33	101		80-120	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436601
Report Date: 07/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21 QC Batch ID: WG1942024-3 WG1942024-4 QC Sample: L2436601-13 Client ID: I6_0-0.2											
Aluminum, Total	12400	209	12900	**240**	Q	13000	**288**	Q	75-125	1	20
Antimony, Total	ND	52.2	42.7	82		39.7	76		75-125	7	20
Arsenic, Total	31.3	12.5	45.4	113		43.0	94		75-125	5	20
Barium, Total	77.1	209	258	87		264	90		75-125	2	20
Beryllium, Total	0.424J	5.22	5.12	98		5.29	102		75-125	3	20
Cadmium, Total	0.565J	5.53	5.26	95		4.94	89		75-125	6	20
Calcium, Total	1900	1040	2740	80		2800	86		75-125	2	20
Chromium, Total	38.4	20.9	56.1	85		52.3	**67**	Q	75-125	7	20
Cobalt, Total	6.08	52.2	51.1	86		48.2	81		75-125	6	20
Copper, Total	19.2	26.1	42.9	91		40.2	80		75-125	6	20
Iron, Total	15800	104	15700	**0**	Q	16100	**288**	Q	75-125	3	20
Lead, Total	42.7	55.3	95.2	95		89.6	85		75-125	6	20
Magnesium, Total	5500	1040	6180	**65**	Q	5750	**24**	Q	75-125	7	20
Manganese, Total	233	52.2	277	84		283	96		75-125	2	20
Nickel, Total	17.4	52.2	60.7	83		56.8	76		75-125	7	20
Potassium, Total	1260	1040	2160	86		2200	90		75-125	2	20
Selenium, Total	0.491J	12.5	12.6	101		12.2	98		75-125	3	20
Silver, Total	ND	5.22	5.07	97		4.76	91		75-125	6	20
Sodium, Total	37.4J	1040	969	93		993	95		75-125	2	20
Thallium, Total	0.529J	12.5	11.8	94		11.5	92		75-125	3	20
Vanadium, Total	28.8	52.2	75.8	90		70.6	80		75-125	7	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436601
Report Date: 07/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21 QC Batch ID: WG1942024-3 WG1942024-4 QC Sample: L2436601-13 Client ID: I6_0-0.2											
Zinc, Total	130	52.2	168	**73**	Q	161	**59**	Q	75-125	4	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2436601
Report Date: 07/10/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21 QC Batch ID: WG1942024-6 QC Sample: L2436601-13 Client ID: I6_0-0.2						
Aluminum, Total	12400	12100	mg/kg	2		20
Arsenic, Total	31.3	28.1	mg/kg	10		20
Barium, Total	77.1	75.4	mg/kg	2		20
Calcium, Total	1900	1880	mg/kg	1		20
Chromium, Total	38.4	38.1	mg/kg	1		20
Iron, Total	15800	16100	mg/kg	2		20
Magnesium, Total	5500	5450	mg/kg	1		20
Manganese, Total	233	232	mg/kg	0		20
Vanadium, Total	28.8	28.2	mg/kg	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-01
Client ID: I3_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 10:10
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.6		%	0.100	NA	1	-	06/28/24 11:04	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.10	0.220	1	07/03/24 22:59	07/08/24 09:27	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-02
Client ID: I3_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 10:15
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	06/28/24 11:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	07/03/24 12:30	07/03/24 17:40	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.917	0.183	1	07/03/24 22:59	07/08/24 09:27	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-05
Client ID: I4_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 10:45
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65.3		%	0.100	NA	1	-	06/28/24 11:04	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.22	0.245	1	07/03/24 22:59	07/08/24 09:27	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-06
Client ID: I4_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 10:50
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	06/28/24 11:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	07/03/24 12:30	07/03/24 17:41	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.983	0.196	1	07/03/24 22:59	07/08/24 09:27	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-09
Client ID: I5_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 11:30
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	06/28/24 11:04	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.964	0.193	1	07/03/24 22:59	07/08/24 09:27	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-10
Client ID: I5_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 11:35
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	06/28/24 11:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	07/03/24 12:30	07/03/24 17:44	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.947	0.189	1	07/03/24 22:59	07/08/24 09:27	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-13
Client ID: I6_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 13:00
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.8		%	0.100	NA	1	-	06/28/24 11:04	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.08	0.217	1	07/03/24 22:59	07/08/24 09:27	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-14
Client ID: I6_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 13:05
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.9		%	0.100	NA	1	-	06/28/24 11:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	07/03/24 12:30	07/03/24 17:58	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.989	0.198	1	07/03/24 22:59	07/08/24 09:27	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-17
Client ID: I7_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 13:30
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	45.6		%	0.100	NA	1	-	06/28/24 11:04	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.75	0.351	1	07/03/24 22:59	07/08/24 09:27	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-18
Client ID: I7_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 13:35
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	47.1		%	0.100	NA	1	-	06/28/24 11:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	2.0	0.42	1	07/03/24 12:30	07/03/24 17:46	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.70	0.340	1	07/03/24 22:59	07/08/24 09:27	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2436601-21
Client ID: DUP_06272024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 12:00
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	06/28/24 11:04	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.973	0.195	1	07/08/24 15:23	07/10/24 04:14	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436601
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 02,06,10,14,18 Batch: WG1942857-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	07/03/24 12:30	07/03/24 17:28	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1943120-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	07/03/24 22:59	07/08/24 09:27	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 21 Batch: WG1944327-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	07/08/24 15:23	07/10/24 04:14	1,7196A	DTH

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,18 Batch: WG1942857-2 WG1942857-3								
Cyanide, Total	**78**	Q	86		80-120	8		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 Batch: WG1943120-2								
Chromium, Hexavalent	116		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 21 Batch: WG1944327-2								
Chromium, Hexavalent	108		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436601
Report Date: 07/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02,06,10,14,18 QC Batch ID: WG1942857-4 WG1942857-5 QC Sample: L2436266-01 Client ID: MS Sample												
Cyanide, Total	ND	10	9.6	95		10	97		75-125	2		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1943120-9 WG1943120-10 QC Sample: L2436601-13 Client ID: I6_0-0.2												
Chromium, Hexavalent	ND	1630	1160	**71**	Q	769	**56**	Q	75-125	**41**	Q	20
General Chemistry - Westborough Lab Associated sample(s): 21 QC Batch ID: WG1944327-4 QC Sample: L2436601-21 Client ID: DUP_06272024												
Chromium, Hexavalent	ND	1420	902	**64**	Q	-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436601

Report Date: 07/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21 QC Batch ID: WG1940697-1 QC Sample: L2436601-13 Client ID: I6_0-0.2						
Solids, Total	73.8	73.4	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18 QC Batch ID: WG1943120-7 QC Sample: L2436601-13 Client ID: I6_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 21 QC Batch ID: WG1944327-6 QC Sample: L2436601-21 Client ID: DUP_06272024						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436601
Report Date: 07/10/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436601-01A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2436601-01B	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-01C	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-02A	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-02B	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-02C	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-02D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L2436601-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2436601-02F	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436601-02G	Glass 500ml/16oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436601-02X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-02Y	Vial Water preserved split	A	NA		4.0	Y	Absent	28-JUN-24 08:08	NYTCL-8260HLW(14)
L2436601-02Z	Vial Water preserved split	A	NA		4.0	Y	Absent	28-JUN-24 08:08	NYTCL-8260HLW(14)
L2436601-03A	Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436601
Report Date: 07/10/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436601-03B	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-03C	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-04A	Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		HOLD-METAL(180)
L2436601-04B	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-04C	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-05A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2436601-05B	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-05C	Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-06A	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-06B	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-06C	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-06D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L2436601-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2436601-06F	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436601-06G	Glass 500ml/16oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436601-06X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-06Y	Vial Water preserved split	A	NA		4.0	Y	Absent	28-JUN-24 08:08	NYTCL-8260HLW(14)
L2436601-06Z	Vial Water preserved split	A	NA		4.0	Y	Absent	28-JUN-24 08:08	NYTCL-8260HLW(14)
L2436601-07A	Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436601-07B	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-07C	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-08A	Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		HOLD-METAL(180)
L2436601-08B	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-08C	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-09A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2436601-09B	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-09C	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-10A	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-10B	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-10C	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-10D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L2436601-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2436601-10F	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436601-10G	Glass 500ml/16oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436601-10X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-10Y	Vial Water preserved split	A	NA		4.0	Y	Absent	28-JUN-24 08:08	NYTCL-8260HLW(14)
L2436601-10Z	Vial Water preserved split	A	NA		4.0	Y	Absent	28-JUN-24 08:08	NYTCL-8260HLW(14)
L2436601-11A	Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436601
Report Date: 07/10/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436601-11B	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-11C	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-12A	Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		HOLD-METAL(180)
L2436601-12B	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-12C	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-13A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2436601-13A1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2436601-13A2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2436601-13B	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-13B1	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-13B2	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-13C	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-13C1	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-13C2	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-14A	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-14B	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-14C	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-14D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436601
Report Date: 07/10/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436601-14E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2436601-14F	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436601-14G	Glass 500ml/16oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436601-14X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-14Y	Vial Water preserved split	A	NA		4.0	Y	Absent	28-JUN-24 08:08	NYTCL-8260HLW(14)
L2436601-14Z	Vial Water preserved split	A	NA		4.0	Y	Absent	28-JUN-24 08:08	NYTCL-8260HLW(14)
L2436601-15A	Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		HOLD-METAL(180)
L2436601-15B	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-15C	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-16A	Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		HOLD-METAL(180)
L2436601-16B	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-16C	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-17A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2436601-17B	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-17C	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-18A	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-18B	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-18C	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-18D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436601
Report Date: 07/10/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436601-18E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2436601-18F	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436601-18G	Glass 500ml/16oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2436601-18X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2436601-18Y	Vial Water preserved split	A	NA		4.0	Y	Absent	28-JUN-24 08:08	NYTCL-8260HLW(14)
L2436601-18Z	Vial Water preserved split	A	NA		4.0	Y	Absent	28-JUN-24 08:08	NYTCL-8260HLW(14)
L2436601-19A	Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		HOLD-METAL(180)
L2436601-19B	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-19C	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-20A	Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		HOLD-METAL(180)
L2436601-20B	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-20C	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2436601-21A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2436601-21B	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-21C	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2436601-22A	Vial HCl preserved	A	NA		4.0	Y	Absent		NYTCL-8260(14)
L2436601-22B	Vial HCl preserved	A	NA		4.0	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436601
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436601
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436601
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436601
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 06/28/24

ALPHA Job #: L2413660 1

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottle
3660-01	I3-0-0.2	6/27/24	1010	S	EL			X	X	X	X				3
-02	I3-0.2-2		1015	S	EL	X	X	X	X	X	X	X	X		7
-03	I3-2-4		1020	S	EL			H	H	H	H			HOLD	3
-04	I3-4-6		1025	S	EL			H	H	H	H			HOLD	3
-05	I4-0-0.2		1045	S	EL			X	X	X	X				3
-06	I4-0.2-2		1050	S	EL	X	X	X	X	X	X	X	X		7
-07	I4-2-4		1055	S	EL			H	H	H	H			HOLD	3
-08	I4-4-6		1100	S	EL			H	H	H	H			HOLD	3
-09	I5-0-0.2		1130	S	EL			X	X	X	X				3
-10	I5-0.2-2		1135	S	EL	X	X	X	X	X	X	X	X		7
					Container Type	E	A	A	A	A	A	A	A		
					Preservative	A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/27/24 1430		6/27 1545
	6/27 1710		6/27 1845
	6/28 120		6/28/24 01:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 2 of 3

Date Rec'd in Lab 06/28/24

ALPHA Job # L2436601

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project # 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottle
36601-11	IS-2-4	6/27/24	1140	S	BL			H	H	H	H			HOLD	3
-12	IS-4-6		1145	S	BL			H	H	H	H			HOLD	3
-13	I6-0-0.2		1300	S	BL			X	X	X	X			MS/MSD	9
-14	I6-0.2-2		1305	S	BL	X	X	X	X	X	X	X	X		7
-15	I6-2-4		1310	S	BL			H	H	H	H			HOLD	3
-16	I6-4-6		1315	S	BL			H	H	H	H			HOLD	3
-17	I7-0-0.2		1370	S	BL			X	X	X	X				3
-18	I7-0.2-2		1335	S	BL	X	X	X	X	X	X	X	X		7
-19	I7-2-4		1340	S	BL			H	H	H	H			HOLD	3
-20	I7-4-6		1345	S	BL			H	H	H	H			HOLD	3
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	6/27/24 1430		6/27/24 1545
	6/27/24 1710		6/27/24 2220
	6/28/24 120		6/28/24 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ALPHA ANALYTICAL LABORATORIES

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 06/28/24

ALPHA Job #: L2436601

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottle
36601-21	SMP-06272024	6/27/24	1200	S	FL			X	X	X	X				3
-22	TB-06272024	6/26/24	—	W	FL	X									2

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	6/27/24 1430		1500
	6/27 1710		6/27/24 1845
	6/28/24		6/27 2220
	6/28 120		6/28/24 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2436873
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/02/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436873
Report Date: 07/02/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436873-01	E12_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 09:00	06/19/24
L2436873-02	F15_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 11:45	06/19/24
L2436873-03	F13_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 13:10	06/19/24
L2436873-04	F12_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 13:55	06/19/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436873
Project Number:	3858.0004Y000	**Report Date:**	07/02/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436873
Project Number:	3858.0004Y000	**Report Date:**	07/02/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2436873-02, -03 and -04: The analyses performed were specified by the client.

Pesticides

L2436873-03: The internal standard (IS) response for 1-bromo-2-nitrobenzene (1748%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (20%) and decachlorobiphenyl (4%) due to interference with the Internal Standard.

Total Metals

L2436873-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1941166-1 Method Blank, associated with L2436873-01, has a concentration above the reporting limit for chromium and iron. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 07/02/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436873
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436873-01
Client ID: E12_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 09:00
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 10:07
Analyst: AKM
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 17:06
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.99	0.389	1	A
Lindane	ND		ug/kg	0.828	0.370	1	A
Alpha-BHC	ND		ug/kg	0.828	0.235	1	A
Beta-BHC	ND		ug/kg	1.99	0.753	1	A
Heptachlor	ND		ug/kg	0.993	0.445	1	A
Aldrin	ND		ug/kg	1.99	0.699	1	A
Heptachlor epoxide	2.69	J	ug/kg	3.72	1.12	1	B
Endrin	ND		ug/kg	0.828	0.339	1	A
Endrin aldehyde	ND		ug/kg	2.48	0.869	1	A
Endrin ketone	ND		ug/kg	1.99	0.511	1	A
Dieldrin	1.28		ug/kg	1.24	0.621	1	A
4,4'-DDE	ND	IP	ug/kg	1.99	0.459	1	B
4,4'-DDD	ND		ug/kg	1.99	0.708	1	A
4,4'-DDT	ND		ug/kg	1.99	1.60	1	A
Endosulfan I	ND		ug/kg	1.99	0.469	1	A
Endosulfan II	ND		ug/kg	1.99	0.664	1	A
Endosulfan sulfate	ND		ug/kg	0.828	0.394	1	A
Methoxychlor	ND		ug/kg	3.72	1.16	1	A
Toxaphene	ND		ug/kg	37.2	10.4	1	A
cis-Chlordane	1.48	JIP	ug/kg	2.48	0.692	1	B
trans-Chlordane	1.48	JIP	ug/kg	2.48	0.656	1	B
Chlordane	ND		ug/kg	16.6	6.58	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436873

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436873-01 Date Collected: 06/19/24 09:00

Client ID: E12_2-4 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436873
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436873-02
Client ID: F15_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 11:45
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 10:18
Analyst: AKM
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 17:06
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.378	1	A
Lindane	ND		ug/kg	0.805	0.360	1	A
Alpha-BHC	ND		ug/kg	0.805	0.229	1	A
Beta-BHC	ND		ug/kg	1.93	0.733	1	A
Heptachlor	ND		ug/kg	0.966	0.433	1	A
Aldrin	ND		ug/kg	1.93	0.680	1	A
Heptachlor epoxide	ND		ug/kg	3.62	1.09	1	A
Endrin	ND		ug/kg	0.805	0.330	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.845	1	A
Endrin ketone	ND		ug/kg	1.93	0.498	1	A
Dieldrin	ND		ug/kg	1.21	0.604	1	A
4,4'-DDE	ND		ug/kg	1.93	0.447	1	A
4,4'-DDD	ND		ug/kg	1.93	0.689	1	A
4,4'-DDT	ND		ug/kg	1.93	1.55	1	A
Endosulfan I	ND		ug/kg	1.93	0.456	1	A
Endosulfan II	ND		ug/kg	1.93	0.646	1	A
Endosulfan sulfate	ND		ug/kg	0.805	0.383	1	A
Methoxychlor	ND		ug/kg	3.62	1.13	1	A
Toxaphene	ND		ug/kg	36.2	10.1	1	A
cis-Chlordane	ND		ug/kg	2.42	0.673	1	A
trans-Chlordane	ND		ug/kg	2.42	0.638	1	A
Chlordane	ND		ug/kg	16.1	6.40	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436873

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436873-02 Date Collected: 06/19/24 11:45

Client ID: F15_2-4 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436873
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436873-03
Client ID: F13_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 13:10
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 10:29
Analyst: AKM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 17:06
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.376	1	B
Lindane	ND		ug/kg	0.800	0.358	1	B
Alpha-BHC	ND		ug/kg	0.800	0.227	1	B
Beta-BHC	ND		ug/kg	1.92	0.728	1	B
Heptachlor	ND		ug/kg	0.961	0.431	1	B
Aldrin	ND		ug/kg	1.92	0.676	1	B
Heptachlor epoxide	ND		ug/kg	3.60	1.08	1	B
Endrin	ND		ug/kg	0.800	0.328	1	B
Endrin aldehyde	ND		ug/kg	2.40	0.840	1	B
Endrin ketone	ND		ug/kg	1.92	0.495	1	B
Dieldrin	6.46	P	ug/kg	1.20	0.600	1	B
4,4'-DDE	ND		ug/kg	1.92	0.444	1	B
4,4'-DDD	0.793	JP	ug/kg	1.92	0.685	1	B
4,4'-DDT	ND		ug/kg	1.92	1.54	1	B
Endosulfan I	ND		ug/kg	1.92	0.454	1	B
Endosulfan II	ND		ug/kg	1.92	0.642	1	B
Endosulfan sulfate	ND		ug/kg	0.800	0.381	1	B
Methoxychlor	ND		ug/kg	3.60	1.12	1	B
Toxaphene	ND		ug/kg	36.0	10.1	1	B
cis-Chlordane	14.2	P	ug/kg	2.40	0.669	1	B
trans-Chlordane	10.1	P	ug/kg	2.40	0.634	1	B
Chlordane	ND		ug/kg	16.0	6.36	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436873

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436873-03 Date Collected: 06/19/24 13:10

Client ID: F13_2-4 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**20**	Q	30-150	A
Decachlorobiphenyl	**4**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436873
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436873-04
Client ID: F12_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 13:55
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/30/24 10:41
Analyst: AKM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 17:06
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.749	0.335	1	A
Alpha-BHC	ND		ug/kg	0.749	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.682	1	A
Heptachlor	ND		ug/kg	0.899	0.403	1	A
Aldrin	ND		ug/kg	1.80	0.633	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.749	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.786	1	A
Endrin ketone	ND		ug/kg	1.80	0.463	1	A
Dieldrin	ND		ug/kg	1.12	0.562	1	A
4,4'-DDE	ND		ug/kg	1.80	0.416	1	A
4,4'-DDD	ND		ug/kg	1.80	0.641	1	A
4,4'-DDT	ND		ug/kg	1.80	1.44	1	A
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.601	1	A
Endosulfan sulfate	ND		ug/kg	0.749	0.356	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.44	1	A
cis-Chlordane	ND		ug/kg	2.25	0.626	1	A
trans-Chlordane	ND		ug/kg	2.25	0.593	1	A
Chlordane	ND		ug/kg	15.0	5.95	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436873

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436873-04 Date Collected: 06/19/24 13:55

Client ID: F12_2-4 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436873
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/29/24 11:26
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/28/24 17:06
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1941020-1						
Delta-BHC	ND		ug/kg	1.54	0.302	A
Lindane	ND		ug/kg	0.643	0.287	A
Alpha-BHC	ND		ug/kg	0.643	0.183	A
Beta-BHC	ND		ug/kg	1.54	0.585	A
Heptachlor	ND		ug/kg	0.772	0.346	A
Aldrin	ND		ug/kg	1.54	0.543	A
Heptachlor epoxide	ND		ug/kg	2.89	0.868	A
Endrin	ND		ug/kg	0.643	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.675	A
Endrin ketone	ND		ug/kg	1.54	0.397	A
Dieldrin	ND		ug/kg	0.965	0.482	A
4,4'-DDE	ND		ug/kg	1.54	0.357	A
4,4'-DDD	ND		ug/kg	1.54	0.550	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.365	A
Endosulfan II	ND		ug/kg	1.54	0.516	A
Endosulfan sulfate	ND		ug/kg	0.643	0.306	A
Methoxychlor	ND		ug/kg	2.89	0.900	A
Toxaphene	ND		ug/kg	28.9	8.10	A
cis-Chlordane	ND		ug/kg	1.93	0.538	A
trans-Chlordane	ND		ug/kg	1.93	0.509	A
Chlordane	ND		ug/kg	12.9	5.11	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436873
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/29/24 11:26
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/28/24 17:06
Cleanup Method: EPA 3620B
Cleanup Date: 06/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1941020-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	96		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436873

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1941020-2 WG1941020-3									
Delta-BHC	101		88		30-150	14		30	A
Lindane	97		88		30-150	10		30	A
Alpha-BHC	97		86		30-150	12		30	A
Beta-BHC	97		90		30-150	7		30	A
Heptachlor	95		86		30-150	10		30	A
Aldrin	93		84		30-150	10		30	A
Heptachlor epoxide	84		81		30-150	4		30	A
Endrin	103		98		30-150	5		30	A
Endrin aldehyde	87		83		30-150	5		30	A
Endrin ketone	104		101		30-150	3		30	A
Dieldrin	101		96		30-150	5		30	A
4,4'-DDE	95		88		30-150	8		30	A
4,4'-DDD	105		100		30-150	5		30	A
4,4'-DDT	100		93		30-150	7		30	A
Endosulfan I	92		87		30-150	6		30	A
Endosulfan II	98		94		30-150	4		30	A
Endosulfan sulfate	96		94		30-150	2		30	A
Methoxychlor	114		111		30-150	3		30	A
cis-Chlordane	84		80		30-150	5		30	A
trans-Chlordane	85		80		30-150	6		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436873

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1941020-2 WG1941020-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		71		30-150	A
Decachlorobiphenyl	81		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		82		30-150	B
Decachlorobiphenyl	95		92		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2436873

Project Number: 3858.0004Y000 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436873-01 Date Collected: 06/19/24 09:00

Client ID: E12_2-4 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16200		mg/kg	10.0	2.71	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Antimony, Total	0.422	J	mg/kg	5.02	0.382	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Arsenic, Total	6.75		mg/kg	1.00	0.209	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Barium, Total	66.5		mg/kg	1.00	0.175	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.452	J	mg/kg	0.502	0.033	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	1.00	0.098	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Calcium, Total	546		mg/kg	10.0	3.52	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Chromium, Total	29.3		mg/kg	1.00	0.096	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.93		mg/kg	2.01	0.167	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Copper, Total	18.8		mg/kg	1.00	0.259	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Iron, Total	23200		mg/kg	5.02	0.907	2	06/29/24 10:55	07/02/24 10:14	EPA 3050B	1,6010D	DMC
Lead, Total	8.04		mg/kg	5.02	0.269	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Magnesium, Total	5140		mg/kg	10.0	1.55	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Manganese, Total	252		mg/kg	1.00	0.160	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Mercury, Total	0.066	J	mg/kg	0.082	0.053	1	06/29/24 13:20	07/01/24 12:51	EPA 7471B	1,7471B	JWN
Nickel, Total	13.8		mg/kg	2.51	0.243	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Potassium, Total	2060		mg/kg	251	14.5	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	2.01	0.259	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.502	0.284	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Sodium, Total	44.7	J	mg/kg	201	3.16	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Thallium, Total	1.07	J	mg/kg	2.01	0.316	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Vanadium, Total	40.6		mg/kg	1.00	0.204	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC
Zinc, Total	43.9		mg/kg	5.02	0.294	2	06/29/24 10:55	07/01/24 23:03	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436873
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1941166-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Chromium, Total	0.453		mg/kg	0.400	0.038	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Iron, Total	3.53		mg/kg	2.00	0.361	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Manganese, Total	0.161	J	mg/kg	0.400	0.064	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Nickel, Total	0.898	J	mg/kg	1.00	0.097	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1941167-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/29/24 13:20	07/01/24 11:37	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436873
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436873

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1941166-2								
Aluminum, Total	116		-		80-120	-		
Antimony, Total	116		-		80-120	-		
Arsenic, Total	107		-		80-120	-		
Barium, Total	112		-		80-120	-		
Beryllium, Total	115		-		80-120	-		
Cadmium, Total	109		-		80-120	-		
Calcium, Total	111		-		80-120	-		
Chromium, Total	109		-		80-120	-		
Cobalt, Total	111		-		80-120	-		
Copper, Total	112		-		80-120	-		
Iron, Total	118		-		80-120	-		
Lead, Total	109		-		80-120	-		
Magnesium, Total	108		-		80-120	-		
Manganese, Total	110		-		80-120	-		
Nickel, Total	108		-		80-120	-		
Potassium, Total	113		-		80-120	-		
Selenium, Total	109		-		80-120	-		
Silver, Total	113		-		80-120	-		
Sodium, Total	113		-		80-120	-		
Thallium, Total	95		-		80-120	-		
Vanadium, Total	112		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436873

Report Date: 07/02/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1941166-2					
Zinc, Total	108	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1941167-2					
Mercury, Total	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436873
Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1941166-3 WG1941166-4 QC Sample: L2436988-04 Client ID: MS Sample												
Aluminum, Total	10400	180	11600	**666**	Q	12200	**995**	Q	75-125	5		20
Antimony, Total	ND	45	37.3	83		34.4	76		75-125	8		20
Arsenic, Total	5.37	10.8	17.0	108		18.0	116		75-125	6		20
Barium, Total	93.9	180	273	99		265	94		75-125	3		20
Beryllium, Total	0.514	4.5	5.01	100		4.91	97		75-125	2		20
Cadmium, Total	0.134J	4.77	4.19	88		4.12	86		75-125	2		20
Calcium, Total	67700	900	65800	**0**	Q	54900	**0**	Q	75-125	18		20
Chromium, Total	15.5	18	33.2	98		34.2	103		75-125	3		20
Cobalt, Total	9.03	45	47.9	86		47.8	86		75-125	0		20
Copper, Total	18.8	22.5	41.6	101		43.7	110		75-125	5		20
Iron, Total	20300	90	21300	**1110**	Q	22700	**2650**	Q	75-125	6		20
Lead, Total	16.7	47.7	61.8	94		59.6	89		75-125	4		20
Magnesium, Total	22700	900	22300	**0**	Q	19800	**0**	Q	75-125	12		20
Manganese, Total	616	45	569	**0**	Q	513	**0**	Q	75-125	10		20
Nickel, Total	20.5	45	58.8	85		60.5	88		75-125	3		20
Potassium, Total	1390	900	2520	**126**	Q	2470	119		75-125	2		20
Selenium, Total	ND	10.8	10.0	92		10.1	93		75-125	1		20
Silver, Total	ND	4.5	4.54	101		4.45	98		75-125	2		20
Sodium, Total	257	900	1180	102		1190	103		75-125	1		20
Thallium, Total	ND	10.8	8.68	80		8.35	77		75-125	4		20
Vanadium, Total	23.2	45	68.7	101		69.7	103		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436873
Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1941166-3 WG1941166-4 QC Sample: L2436988-04 Client ID: MS Sample									
Zinc, Total	63.8	45	103	87	103	87	75-125	0	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1941167-3 WG1941167-4 QC Sample: L2436988-04 Client ID: MS Sample									
Mercury, Total	ND	1.47	1.48	100	1.50	100	80-120	1	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2436873
Report Date: 07/02/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1941166-6 QC Sample: L2436988-04 Client ID: DUP Sample						
Barium, Total	93.9	99.6	mg/kg	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436873
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436873-01
Client ID: E12_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 09:00
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.9		%	0.100	NA	1	-	06/29/24 07:16	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436873
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436873-02
Client ID: F15_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/19/24 11:45
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.5		%	0.100	NA	1	-	06/29/24 07:16	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436873
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436873-03
Client ID: F13_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 13:10
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	06/29/24 07:16	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2436873
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436873-04
Client ID: F12_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 13:55
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	06/29/24 07:16	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2436873

Report Date: 07/02/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1941121-1 QC Sample: L2436873-01 Client ID: E12_2-4						
Solids, Total	77.9	80.0	%	3		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2436873
Report Date: 07/02/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436873-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2436873-01B	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		TS(7),NYTCL-8081(14)
L2436873-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),HOLD-METAL(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2436873-02B	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		TS(7),NYTCL-8081(14)
L2436873-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HOLD-METAL(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2436873-03B	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		TS(7),NYTCL-8081(14)
L2436873-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),HOLD-METAL(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2436873-04B	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436873
Project Number:	3858.0004Y000	**Report Date:**	07/02/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436873
Project Number:	3858.0004Y000	**Report Date:**	07/02/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436873
Project Number:	3858.0004Y000	**Report Date:**	07/02/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2436873
Project Number:	3858.0004Y000	**Report Date:**	07/02/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/20/24

L2436873 DJL 6/28/24

ALPHA Job #: L2436410

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TAL	NYTCL-8081	Sample Specific Comments	Total Bottles
L2436410-01	E12-0-0.2	6/19/24	0850	S	EL			X	X	X	X			MS/MSD	9
-02	E12-0.2-2		0855	S	EL	X	X	X	X	X	X				7
36873 -01	E12-2-4		0900	S	EL			H	H	H	H	X	X	HOLD	3
	E12-4-6		0905	S	EL			H	H	H	H			HOLD	3
	E13-0-0.2		0935	S	EL			X	X	X	X				3
	E13-0.2-2		0940	S	EL	X	X	X	X	X	X				7
	E13-2-4		0945	S	EL			H	H	H	H			HOLD	3
	E13-4-6		0950	S	EL			H	H	H	H			HOLD	3
	E14-0-0.2		1025	S	EL			X	X	X	X				3
	E14-0.2-2		1030	S	EL	X	X	X	X	X	X				7

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/19/24 1445	GJAC (PACE)	6/19/24, 14:45
GJAC	6/19/24, 18:28	NJSC	6/19/24, 18:28
NJSC	6/19/24, 18:28		6/19/24 19:00
	6/19/24 2330		6/20 0800
	6/20 0800		6/20/24 0200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ~~4~~ 2 of 4

Date Rec'd in Lab: 6/20/24

L2436873 DJL 6/28/24
ALPHA Job #: ~~L2434640~~

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOC	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TAL	NYTCL-8081	Sample Specific Comments	Total Bottles
~~36873-11~~	~~EM-2-4~~	6/19/24	1035	S	RL			H	H	H	H			HOLD	3
~~-12~~	~~EM-4-6~~		1040	S	RL			H	H	H	H			HOLD	3
~~-13~~	~~FIS-0-0.2~~		1135	S	RL			X	X	X	X				3
~~-14~~	~~FIS-0.2-2~~		1140	S	RL	X	X	X	X	X	X				7
36873	-02 FIS-2-4		1145	S	RL			H	H	H	H	X	X	HOLD	3
~~-15~~	~~FIS-4-6~~		1150	S	RL			H	H	H	H			HOLD	3
~~-16~~	~~FIM-0-0.2~~		1220	S	RL			X	X	X	X				3
~~-17~~	~~FIM-0.2-2~~		1225	S	RL	X	X	X	X	X	X				7
~~-18~~	~~FIM-2-4~~		1230	S	RL			H	H	H	H			HOLD	3
~~-19~~	~~FIM-4-6~~		1235	S	RL			H	H	H	H			HOLD	3

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Relinquished By:	Date/Time	Received By:	Date/Time
RL	6/19/24 1445	GJAC (PACE)	6/19/24, 14:45
GJAC	6/19/24, 18:28	NJSC	6/19/24, 18:28
NJSC	6/19/24, 18:28		6/19 2330
	6/19		6/20/24 0200

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Date Rec'd in Lab: 6/20/24

ALPHA Job #: L2436873 DJL 6/28/24 ~~L2434640~~

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TAL	NYTCL-8081	Sample Specific Comments	Total Bottles
~~3416~~ 40-21	F13-0-0.2	6/19/24	1300	S	EL			X	X	X	X				3
~~22~~	F13-0.2-2		1305	S	EL	X	X	X	X	X	X				7
36873 -03	F13-2-4		1310	S	EL			H	H	H	H	X	X	HOLD	3
~~24~~	F13-4-6		1315	S	EL			H	H	H	H			HOLD	3
~~25~~	F12-0-0.2		1345	S	EL			X	X	X	X				3
~~26~~	F12-0.2-2		1350	S	EL	X	X	X	X	X	X				7
-04	F12-2-4		1355	S	EL			H	H	H	H	X	X	HOLD	3
~~28~~	F12-4-6		1400	S	EL			H	H	H	H			HOLD	3
~~29~~	DUP-06192024		1200	S	EL			X	X	X	X				3
~~30~~	FB-06192024		0930	W	EL			X	X	X	X				6
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/19/24 1445	GJAC (PACE)	6/19/24, 14:45
GJAC	6/19/24, 18:25	NJSC	6/19/24, 18:24
NJSC	6/19/24, 18:25		6/19/24 19:01
	6/19/24 2330		6/20 200
	6/20/24 0200		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2437014
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/11/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2437014-01	I9_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 09:00	06/28/24
L2437014-02	I9_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 09:05	06/28/24
L2437014-03	I9_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 09:10	06/28/24
L2437014-04	I9_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 09:15	06/28/24
L2437014-05	I10_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 09:30	06/28/24
L2437014-06	I10_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 09:35	06/28/24
L2437014-07	I10_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 09:40	06/28/24
L2437014-08	I10_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 09:45	06/28/24
L2437014-09	I11_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 10:00	06/28/24
L2437014-10	I11_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 10:05	06/28/24
L2437014-11	I11_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 10:10	06/28/24
L2437014-12	I11_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 10:15	06/28/24
L2437014-13	I12_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 11:20	06/28/24
L2437014-14	I12_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 11:25	06/28/24
L2437014-15	I12_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 11:30	06/28/24
L2437014-16	I12_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 11:35	06/28/24
L2437014-17	I13_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 12:10	06/28/24
L2437014-18	I13_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 12:15	06/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2437014-19	I13_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 12:20	06/28/24
L2437014-20	I13_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 12:25	06/28/24
L2437014-21	I14_0-0.2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 13:00	06/28/24
L2437014-22	I14_0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 13:05	06/28/24
L2437014-23	I14_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 13:10	06/28/24
L2437014-24	I14_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 13:15	06/28/24
L2437014-25	FB_06282024_1	FIELD BLANK	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 10:45	06/28/24
L2437014-26	FB_06282024_2	FIELD BLANK	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 12:55	06/28/24
L2437014-27	DUP_06282024_1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 12:00	06/28/24
L2437014-28	DUP_06282024_2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 12:05	06/28/24
L2437014-29	TB_06282024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 00:00	06/28/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437014
Project Number:	3858.0004Y000	**Report Date:**	07/11/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014
Project Number: 3858.0004Y000 **Report Date:** 07/11/24

Case Narrative (continued)

Report Submission
July 11, 2024: This final report includes the results of all requested analyses.
July 10, 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics
L2437014-26: The Field Blank has a result for acetone present above the reporting limit. The sample was re-analyzed and did not confirm the original results. The results of the original analysis are reported.
The WG1943498-5 Method Blank, associated with L2437014-02, -06, -10, -14, -18, -22, and -28, has a concentration above the reporting limit for methylene chloride. Since the associated sample concentrations are non-detect to the RL for this target analyte, no corrective action is required.

Semivolatile Organics
L2437014-26: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (6%) and 2,4,6-tribromophenol (0%); however, the criteria were achieved upon re-extraction outside of holding time. Only the results of the original analysis are reported.
The WG1943007-2/-3 LCS/LCSD recoveries, associated with L2437014-26, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Semivolatile Organics by SIM
L2437014-26: The surrogate recovery was outside the acceptance criteria for 2-fluorophenol (7%); however, the criteria were achieved upon re-extraction outside of holding time. Only the results of the original analysis are reported.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014
Project Number: 3858.0004Y000 **Report Date:** 07/11/24

Case Narrative (continued)

Pesticides

The WG1943356-5 MSD recovery, performed on L2437014-17, is outside the acceptance criteria for dieldrin (0%). The unacceptable percent recovery is attributed to the elevated concentration of target compound present in the native sample.

Total Metals

L2437014-01, -02, -05, -06, -09, -10, -13, -14, -17, -18, -21, -22, -27, and -28: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1942476-3/-4 MS/MSD recoveries for aluminum (885%/948%), arsenic (MS 130%), iron (803%/1030%), and manganese (154%/148%), performed on L2437014-14, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1942476-7/-8 MS/MSD recoveries for aluminum (0%/796%), arsenic (33%/0%), iron (0%/0%), and manganese (0%/0%), performed on L2437014-17, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1942476-7/-8 MS/MSD recoveries, performed on L2437014-17, are outside the acceptance criteria for beryllium (67%/70%) and potassium (70%/71%). A post digestion spike was performed and yielded unacceptable recoveries for beryllium (68%) and potassium (68%). The serial dilution recoveries were not applicable; therefore, these elements fail the matrix test and the results reported in the native sample should be considered estimated.

The WG1942476-8 MSD recovery, performed on L2437014-17, is outside the acceptance criteria for magnesium (128%). A post digestion spike was performed and was within acceptance criteria.

The WG1942476-10 serial dilution analysis, associated with L2437014-17, had a %D above the acceptance criteria for iron (48%).

The WG1942476-6 serial dilution analysis, associated with L2437014-14, had a %D above the acceptance criteria for iron (23%).

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437014
Project Number:	3858.0004Y000	**Report Date:**	07/11/24

Case Narrative (continued)

Hexavalent Chromium

The WG1944191-2 LCS recovery for chromium, hexavalent (79%), associated with L2437014-01, -02, -05, -06, -09, -10, -13, and -14, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

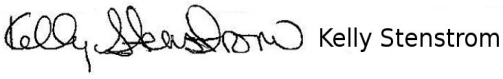
The WG1944193-2 LCS recovery for chromium, hexavalent (79%), associated with L2437014-17, -18, -21, -22, -27, and -28, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1944193-4/-5 Insoluble MS/MSD recoveries for chromium, hexavalent (69%/71%), performed on L2437014-17, are outside the acceptance criteria. The Soluble MS recovery for chromium, hexavalent (62%) was also outside criteria. This has been attributed to matrix interference. A post-spike was performed with a recovery of 114%.

Cyanide, Total

The WG1944462-2 LCS recovery for cyanide, total (74%), associated with L2437014-02 and -14, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 07/11/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-02
Client ID: I9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/03/24 09:33
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.6	3.5	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.3	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.41	1
Tetrachloroethene	ND		ug/kg	0.76	0.30	1
Chlorobenzene	ND		ug/kg	0.76	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.1	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.39	1
1,1,1-Trichloroethane	ND		ug/kg	0.76	0.26	1
Bromodichloromethane	ND		ug/kg	0.76	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.42	1
cis-1,3-Dichloropropene	ND		ug/kg	0.76	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.76	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.76	0.24	1
Bromoform	ND		ug/kg	6.1	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.76	0.25	1
Benzene	ND		ug/kg	0.76	0.25	1
Toluene	ND		ug/kg	1.5	0.83	1
Ethylbenzene	ND		ug/kg	1.5	0.22	1
Chloromethane	ND		ug/kg	6.1	1.4	1
Bromomethane	ND		ug/kg	3.0	0.89	1
Vinyl chloride	ND		ug/kg	1.5	0.51	1
Chloroethane	ND		ug/kg	3.0	0.69	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-02 Date Collected: 06/28/24 09:05

Client ID: I9_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.76	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.31	1
p/m-Xylene	ND		ug/kg	3.0	0.86	1
o-Xylene	ND		ug/kg	1.5	0.44	1
Xylenes, Total	ND		ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.27	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	3.0	0.36	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.4	1
Carbon disulfide	ND		ug/kg	15	7.0	1
2-Butanone	ND		ug/kg	15	3.4	1
Vinyl acetate	ND		ug/kg	15	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	15	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.43	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.76	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.26	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.29	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.1	0.26	1
Isopropylbenzene	ND		ug/kg	1.5	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.17	1
Naphthalene	ND		ug/kg	6.1	0.99	1
Acrylonitrile	ND		ug/kg	6.1	1.8	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-02 Date Collected: 06/28/24 09:05

Client ID: I9_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.49	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.42	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.51	1
1,4-Dioxane	ND		ug/kg	120	54.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.27	1
p-Ethyltoluene	ND		ug/kg	3.0	0.59	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.29	1
Ethyl ether	ND		ug/kg	3.0	0.52	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.6	2.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-06
Client ID: I10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:35
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/03/24 09:59
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.1	4.2	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.7	0.25	1
Carbon tetrachloride	ND		ug/kg	1.8	0.42	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.23	1
Dibromochloromethane	ND		ug/kg	1.8	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.48	1
Tetrachloroethene	ND		ug/kg	0.91	0.36	1
Chlorobenzene	ND		ug/kg	0.91	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.3	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.47	1
1,1,1-Trichloroethane	ND		ug/kg	0.91	0.30	1
Bromodichloromethane	ND		ug/kg	0.91	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.50	1
cis-1,3-Dichloropropene	ND		ug/kg	0.91	0.29	1
1,3-Dichloropropene, Total	ND		ug/kg	0.91	0.29	1
1,1-Dichloropropene	ND		ug/kg	0.91	0.29	1
Bromoform	ND		ug/kg	7.3	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.91	0.30	1
Benzene	ND		ug/kg	0.91	0.30	1
Toluene	ND		ug/kg	1.8	0.98	1
Ethylbenzene	ND		ug/kg	1.8	0.26	1
Chloromethane	ND		ug/kg	7.3	1.7	1
Bromomethane	ND		ug/kg	3.6	1.0	1
Vinyl chloride	ND		ug/kg	1.8	0.61	1
Chloroethane	ND		ug/kg	3.6	0.82	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.43	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.25	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-06 Date Collected: 06/28/24 09:35

Client ID: I10_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.91	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	3.6	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	3.6	0.31	1
Methyl tert butyl ether	ND		ug/kg	3.6	0.36	1
p/m-Xylene	ND		ug/kg	3.6	1.0	1
o-Xylene	ND		ug/kg	1.8	0.53	1
Xylenes, Total	ND		ug/kg	1.8	0.53	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.32	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.25	1
Dibromomethane	ND		ug/kg	3.6	0.43	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	18	1.7	1
Acetone	ND		ug/kg	18	8.7	1
Carbon disulfide	ND		ug/kg	18	8.2	1
2-Butanone	ND		ug/kg	18	4.0	1
Vinyl acetate	ND		ug/kg	18	3.9	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	3.6	0.23	1
2-Hexanone	ND		ug/kg	18	2.1	1
Bromochloromethane	ND		ug/kg	3.6	0.37	1
2,2-Dichloropropane	ND		ug/kg	3.6	0.37	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.51	1
1,3-Dichloropropane	ND		ug/kg	3.6	0.30	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.91	0.24	1
Bromobenzene	ND		ug/kg	3.6	0.26	1
n-Butylbenzene	ND		ug/kg	1.8	0.30	1
sec-Butylbenzene	ND		ug/kg	1.8	0.26	1
tert-Butylbenzene	ND		ug/kg	3.6	0.21	1
o-Chlorotoluene	ND		ug/kg	3.6	0.35	1
p-Chlorotoluene	ND		ug/kg	3.6	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.3	0.31	1
Isopropylbenzene	ND		ug/kg	1.8	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.20	1
Naphthalene	ND		ug/kg	7.3	1.2	1
Acrylonitrile	ND		ug/kg	7.3	2.1	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-06 Date Collected: 06/28/24 09:35

Client ID: I10_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.8	0.31	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	0.58	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	0.49	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.6	0.35	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.6	0.61	1
1,4-Dioxane	ND		ug/kg	140	64.	1
p-Diethylbenzene	ND		ug/kg	3.6	0.32	1
p-Ethyltoluene	ND		ug/kg	3.6	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.6	0.35	1
Ethyl ether	ND		ug/kg	3.6	0.62	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.1	2.6	1
Tentatively Identified Compounds						
Total TIC Compounds	9.26	J	ug/kg			1
Unknown Alkane	4.52	J	ug/kg			1
Unknown Alkane	4.74	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-10 Date Collected: 06/28/24 10:05
Client ID: I11_0.2-2 Date Received: 06/28/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/03/24 10:41
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-10 Date Collected: 06/28/24 10:05

Client ID: I11_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.74	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-10 Date Collected: 06/28/24 10:05

Client ID: I11_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-14
Client ID: I12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 11:25
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/03/24 11:07
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	11	5.0	1
1,1-Dichloroethane	ND		ug/kg	2.2	0.32	1
Chloroform	ND		ug/kg	3.3	0.31	1
Carbon tetrachloride	ND		ug/kg	2.2	0.51	1
1,2-Dichloropropane	ND		ug/kg	2.2	0.28	1
Dibromochloromethane	ND		ug/kg	2.2	0.31	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.59	1
Tetrachloroethene	ND		ug/kg	1.1	0.43	1
Chlorobenzene	ND		ug/kg	1.1	0.28	1
Trichlorofluoromethane	ND		ug/kg	8.8	1.5	1
1,2-Dichloroethane	ND		ug/kg	2.2	0.56	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.37	1
Bromodichloromethane	ND		ug/kg	1.1	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	2.2	0.60	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.35	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.35	1
1,1-Dichloropropene	ND		ug/kg	1.1	0.35	1
Bromoform	ND		ug/kg	8.8	0.54	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Benzene	ND		ug/kg	1.1	0.36	1
Toluene	ND		ug/kg	2.2	1.2	1
Ethylbenzene	ND		ug/kg	2.2	0.31	1
Chloromethane	ND		ug/kg	8.8	2.0	1
Bromomethane	ND		ug/kg	4.4	1.3	1
Vinyl chloride	ND		ug/kg	2.2	0.74	1
Chloroethane	ND		ug/kg	4.4	0.99	1
1,1-Dichloroethene	ND		ug/kg	2.2	0.52	1
trans-1,2-Dichloroethene	ND		ug/kg	3.3	0.30	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-14 Date Collected: 06/28/24 11:25

Client ID: I12_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	1.1	0.30	1
1,2-Dichlorobenzene	ND		ug/kg	4.4	0.32	1
1,3-Dichlorobenzene	ND		ug/kg	4.4	0.32	1
1,4-Dichlorobenzene	ND		ug/kg	4.4	0.38	1
Methyl tert butyl ether	ND		ug/kg	4.4	0.44	1
p/m-Xylene	ND		ug/kg	4.4	1.2	1
o-Xylene	ND		ug/kg	2.2	0.64	1
Xylenes, Total	ND		ug/kg	2.2	0.64	1
cis-1,2-Dichloroethene	ND		ug/kg	2.2	0.38	1
1,2-Dichloroethene, Total	ND		ug/kg	2.2	0.30	1
Dibromomethane	ND		ug/kg	4.4	0.52	1
Styrene	ND		ug/kg	2.2	0.43	1
Dichlorodifluoromethane	ND		ug/kg	22	2.0	1
Acetone	ND		ug/kg	22	10.	1
Carbon disulfide	ND		ug/kg	22	10.	1
2-Butanone	ND		ug/kg	22	4.9	1
Vinyl acetate	ND		ug/kg	22	4.7	1
4-Methyl-2-pentanone	ND		ug/kg	22	2.8	1
1,2,3-Trichloropropane	ND		ug/kg	4.4	0.28	1
2-Hexanone	ND		ug/kg	22	2.6	1
Bromochloromethane	ND		ug/kg	4.4	0.45	1
2,2-Dichloropropane	ND		ug/kg	4.4	0.44	1
1,2-Dibromoethane	ND		ug/kg	2.2	0.61	1
1,3-Dichloropropane	ND		ug/kg	4.4	0.37	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.29	1
Bromobenzene	ND		ug/kg	4.4	0.32	1
n-Butylbenzene	ND		ug/kg	2.2	0.37	1
sec-Butylbenzene	ND		ug/kg	2.2	0.32	1
tert-Butylbenzene	ND		ug/kg	4.4	0.26	1
o-Chlorotoluene	ND		ug/kg	4.4	0.42	1
p-Chlorotoluene	ND		ug/kg	4.4	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	2.2	1
Hexachlorobutadiene	ND		ug/kg	8.8	0.37	1
Isopropylbenzene	ND		ug/kg	2.2	0.24	1
p-Isopropyltoluene	ND		ug/kg	2.2	0.24	1
Naphthalene	ND		ug/kg	8.8	1.4	1
Acrylonitrile	ND		ug/kg	8.8	2.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-14 Date Collected: 06/28/24 11:25

Client ID: I12_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.2	0.38	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.4	0.71	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.4	0.60	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.4	0.42	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.4	0.74	1
1,4-Dioxane	ND		ug/kg	180	77.	1
p-Diethylbenzene	ND		ug/kg	4.4	0.39	1
p-Ethyltoluene	ND		ug/kg	4.4	0.84	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.4	0.42	1
Ethyl ether	ND		ug/kg	4.4	0.75	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	11	3.1	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-18
Client ID: I13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/03/24 11:33
Analyst: AJK
Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.0	4.1	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.7	0.25	1
Carbon tetrachloride	ND		ug/kg	1.8	0.41	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.22	1
Dibromochloromethane	ND		ug/kg	1.8	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.48	1
Tetrachloroethene	0.83	J	ug/kg	0.90	0.35	1
Chlorobenzene	ND		ug/kg	0.90	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.2	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.46	1
1,1,1-Trichloroethane	ND		ug/kg	0.90	0.30	1
Bromodichloromethane	ND		ug/kg	0.90	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.49	1
cis-1,3-Dichloropropene	ND		ug/kg	0.90	0.28	1
1,3-Dichloropropene, Total	ND		ug/kg	0.90	0.28	1
1,1-Dichloropropene	ND		ug/kg	0.90	0.29	1
Bromoform	ND		ug/kg	7.2	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.90	0.30	1
Benzene	ND		ug/kg	0.90	0.30	1
Toluene	ND		ug/kg	1.8	0.98	1
Ethylbenzene	ND		ug/kg	1.8	0.25	1
Chloromethane	ND		ug/kg	7.2	1.7	1
Bromomethane	ND		ug/kg	3.6	1.0	1
Vinyl chloride	ND		ug/kg	1.8	0.60	1
Chloroethane	ND		ug/kg	3.6	0.82	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.43	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.25	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-18 Date Collected: 06/28/24 12:15

Client ID: I13_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.90	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	3.6	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	3.6	0.31	1
Methyl tert butyl ether	ND		ug/kg	3.6	0.36	1
p/m-Xylene	ND		ug/kg	3.6	1.0	1
o-Xylene	ND		ug/kg	1.8	0.52	1
Xylenes, Total	ND		ug/kg	1.8	0.52	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.32	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.25	1
Dibromomethane	ND		ug/kg	3.6	0.43	1
Styrene	ND		ug/kg	1.8	0.35	1
Dichlorodifluoromethane	ND		ug/kg	18	1.6	1
Acetone	ND		ug/kg	18	8.7	1
Carbon disulfide	ND		ug/kg	18	8.2	1
2-Butanone	ND		ug/kg	18	4.0	1
Vinyl acetate	ND		ug/kg	18	3.9	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	3.6	0.23	1
2-Hexanone	ND		ug/kg	18	2.1	1
Bromochloromethane	ND		ug/kg	3.6	0.37	1
2,2-Dichloropropane	ND		ug/kg	3.6	0.36	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.50	1
1,3-Dichloropropane	ND		ug/kg	3.6	0.30	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.90	0.24	1
Bromobenzene	ND		ug/kg	3.6	0.26	1
n-Butylbenzene	ND		ug/kg	1.8	0.30	1
sec-Butylbenzene	ND		ug/kg	1.8	0.26	1
tert-Butylbenzene	ND		ug/kg	3.6	0.21	1
o-Chlorotoluene	ND		ug/kg	3.6	0.34	1
p-Chlorotoluene	ND		ug/kg	3.6	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.2	0.30	1
Isopropylbenzene	ND		ug/kg	1.8	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.20	1
Naphthalene	ND		ug/kg	7.2	1.2	1
Acrylonitrile	ND		ug/kg	7.2	2.1	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-18 Date Collected: 06/28/24 12:15

Client ID: I13_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.8	0.31	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	0.58	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	0.49	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.6	0.35	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.6	0.60	1
1,4-Dioxane	ND		ug/kg	140	63.	1
p-Diethylbenzene	ND		ug/kg	3.6	0.32	1
p-Ethyltoluene	ND		ug/kg	3.6	0.69	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.6	0.34	1
Ethyl ether	ND		ug/kg	3.6	0.62	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.0	2.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-22
Client ID: I14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/28/24 13:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/03/24 11:59
Analyst: AJK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	0.43	J	ug/kg	0.68	0.27	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.95	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.23	1
Benzene	ND		ug/kg	0.68	0.23	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.7	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.19	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-22 Date Collected: 06/28/24 13:05

Client ID: I14_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.77	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.5	0.89	1
Acrylonitrile	ND		ug/kg	5.5	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-22 Date Collected: 06/28/24 13:05

Client ID: I14_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.46	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-26 Date Collected: 06/28/24 12:55
Client ID: FB_06282024_2 Date Received: 06/28/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8260D
Analytical Date: 07/02/24 22:56
Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-26 Date Collected: 06/28/24 12:55

Client ID: FB_06282024_2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.8		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-26 Date Collected: 06/28/24 12:55

Client ID: FB_06282024_2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	116		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-28
Client ID: DUP_06282024_2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/03/24 12:25
Analyst: AJK
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.6	3.5	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.3	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.41	1
Tetrachloroethene	ND		ug/kg	0.76	0.30	1
Chlorobenzene	ND		ug/kg	0.76	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.1	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.39	1
1,1,1-Trichloroethane	ND		ug/kg	0.76	0.25	1
Bromodichloromethane	ND		ug/kg	0.76	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.42	1
cis-1,3-Dichloropropene	ND		ug/kg	0.76	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.76	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.76	0.24	1
Bromoform	ND		ug/kg	6.1	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.76	0.25	1
Benzene	ND		ug/kg	0.76	0.25	1
Toluene	ND		ug/kg	1.5	0.83	1
Ethylbenzene	ND		ug/kg	1.5	0.22	1
Chloromethane	ND		ug/kg	6.1	1.4	1
Bromomethane	ND		ug/kg	3.0	0.89	1
Vinyl chloride	ND		ug/kg	1.5	0.51	1
Chloroethane	ND		ug/kg	3.0	0.69	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-28 Date Collected: 06/28/24 12:05

Client ID: DUP_06282024_2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.76	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.31	1
p/m-Xylene	ND		ug/kg	3.0	0.85	1
o-Xylene	ND		ug/kg	1.5	0.44	1
Xylenes, Total	ND		ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.27	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	3.0	0.36	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.3	1
Carbon disulfide	ND		ug/kg	15	6.9	1
2-Butanone	ND		ug/kg	15	3.4	1
Vinyl acetate	ND		ug/kg	15	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	15	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.76	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.29	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.1	0.26	1
Isopropylbenzene	ND		ug/kg	1.5	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.17	1
Naphthalene	ND		ug/kg	6.1	0.99	1
Acrylonitrile	ND		ug/kg	6.1	1.8	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-28 Date Collected: 06/28/24 12:05

Client ID: DUP_06282024_2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.49	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.42	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.51	1
1,4-Dioxane	ND		ug/kg	120	54.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.27	1
p-Ethyltoluene	ND		ug/kg	3.0	0.59	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.29	1
Ethyl ether	ND		ug/kg	3.0	0.52	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.6	2.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-29 Date Collected: 06/26/24 00:00
Client ID: TB_06282024 Date Received: 06/28/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 07/02/24 23:19
Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-29 Date Collected: 06/26/24 00:00

Client ID: TB_06282024 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-29 Date Collected: 06/26/24 00:00

Client ID: TB_06282024 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	118		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/02/24 21:48
Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26,29 Batch: WG1942794-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/02/24 21:48
Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26,29 Batch: WG1942794-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/02/24 21:48
Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26,29 Batch: WG1942794-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/02/24 21:48
Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26,29 Batch: WG1942794-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	112		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/03/24 09:07
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,28 Batch: WG1943498-5					
Methylene chloride	9.8		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/03/24 09:07
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,28 Batch: WG1943498-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/03/24 09:07
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,28 Batch: WG1943498-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/03/24 09:07
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,10,14,18,22,28 Batch: WG1943498-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26,29 Batch: WG1942794-3 WG1942794-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	93		94		70-130	1		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	98		99		54-136	1		20
1,1,2,2-Tetrachloroethane	97		94		67-130	3		20
Benzene	100		100		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	**57**	Q	**53**	Q	64-130	7		20
Bromomethane	110		100		39-139	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26,29 Batch: WG1942794-3 WG1942794-4								
Vinyl chloride	81		77		55-140	5		20
Chloroethane	100		95		55-138	5		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	120		110		70-130	9		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	110		100		70-130	10		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	100		110		63-130	10		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	**69**	Q	71		70-130	3		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	41		40		36-147	2		20
Acetone	74		88		58-148	17		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	67		75		63-138	11		20
Vinyl acetate	80		81		70-130	1		20
4-Methyl-2-pentanone	71		76		59-130	7		20
2-Hexanone	64		70		57-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26,29 Batch: WG1942794-3 WG1942794-4								
Bromochloromethane	100		99		70-130	1		20
2,2-Dichloropropane	120		130		63-133	8		20
1,2-Dibromoethane	99		100		70-130	1		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	110		100		64-130	10		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	120		110		70-130	9		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	85		87		41-144	2		20
Hexachlorobutadiene	130		130		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	98		100		70-130	2		20
Naphthalene	81		82		70-130	1		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	100		97		70-130	3		20
1,2,4-Trichlorobenzene	94		92		70-130	2		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	88		96		56-162	9		20
p-Diethylbenzene	96		99		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26,29 Batch: WG1942794-3 WG1942794-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	91		88		70-130	3		20
Ethyl ether	110		110		59-134	0		20
trans-1,4-Dichloro-2-butene	96		93		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		112		70-130
Toluene-d8	105		102		70-130
4-Bromofluorobenzene	106		106		70-130
Dibromofluoromethane	107		107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 Batch: WG1943498-3 WG1943498-4								
Methylene chloride	92		90		70-130	2		30
1,1-Dichloroethane	96		96		70-130	0		30
Chloroform	87		90		70-130	3		30
Carbon tetrachloride	90		91		70-130	1		30
1,2-Dichloropropane	94		96		70-130	2		30
Dibromochloromethane	88		90		70-130	2		30
1,1,2-Trichloroethane	86		87		70-130	1		30
Tetrachloroethene	95		98		70-130	3		30
Chlorobenzene	94		95		70-130	1		30
Trichlorofluoromethane	107		103		70-139	4		30
1,2-Dichloroethane	83		86		70-130	4		30
1,1,1-Trichloroethane	92		92		70-130	0		30
Bromodichloromethane	83		88		70-130	6		30
trans-1,3-Dichloropropene	90		92		70-130	2		30
cis-1,3-Dichloropropene	90		93		70-130	3		30
1,1-Dichloropropene	97		98		70-130	1		30
Bromoform	81		85		70-130	5		30
1,1,2,2-Tetrachloroethane	86		88		70-130	2		30
Benzene	96		98		70-130	2		30
Toluene	93		94		70-130	1		30
Ethylbenzene	93		95		70-130	2		30
Chloromethane	80		77		52-130	4		30
Bromomethane	126		114		57-147	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 Batch: WG1943498-3 WG1943498-4								
Vinyl chloride	108		103		67-130	5		30
Chloroethane	115		106		50-151	8		30
1,1-Dichloroethene	99		96		65-135	3		30
trans-1,2-Dichloroethene	96		94		70-130	2		30
Trichloroethene	89		93		70-130	4		30
1,2-Dichlorobenzene	94		96		70-130	2		30
1,3-Dichlorobenzene	96		100		70-130	4		30
1,4-Dichlorobenzene	96		97		70-130	1		30
Methyl tert butyl ether	88		89		66-130	1		30
p/m-Xylene	95		97		70-130	2		30
o-Xylene	94		95		70-130	1		30
cis-1,2-Dichloroethene	92		90		70-130	2		30
Dibromomethane	84		89		70-130	6		30
Styrene	95		97		70-130	2		30
Dichlorodifluoromethane	89		84		30-146	6		30
Acetone	84		84		54-140	0		30
Carbon disulfide	97		94		59-130	3		30
2-Butanone	74		78		70-130	5		30
Vinyl acetate	84		80		70-130	5		30
4-Methyl-2-pentanone	88		92		70-130	4		30
1,2,3-Trichloropropane	86		88		68-130	2		30
2-Hexanone	78		77		70-130	1		30
Bromochloromethane	89		92		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 Batch: WG1943498-3 WG1943498-4								
2,2-Dichloropropane	92		93		70-130	1		30
1,2-Dibromoethane	83		86		70-130	4		30
1,3-Dichloropropane	90		91		69-130	1		30
1,1,1,2-Tetrachloroethane	86		89		70-130	3		30
Bromobenzene	94		96		70-130	2		30
n-Butylbenzene	103		105		70-130	2		30
sec-Butylbenzene	99		99		70-130	0		30
tert-Butylbenzene	97		98		70-130	1		30
o-Chlorotoluene	94		94		70-130	0		30
p-Chlorotoluene	92		92		70-130	0		30
1,2-Dibromo-3-chloropropane	80		86		68-130	7		30
Hexachlorobutadiene	105		110		67-130	5		30
Isopropylbenzene	97		97		70-130	0		30
p-Isopropyltoluene	102		102		70-130	0		30
Naphthalene	83		94		70-130	12		30
Acrylonitrile	83		83		70-130	0		30
n-Propylbenzene	100		99		70-130	1		30
1,2,3-Trichlorobenzene	94		102		70-130	8		30
1,2,4-Trichlorobenzene	105		110		70-130	5		30
1,3,5-Trimethylbenzene	97		96		70-130	1		30
1,2,4-Trimethylbenzene	97		97		70-130	0		30
1,4-Dioxane	105		113		65-136	7		30
p-Diethylbenzene	103		104		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 Batch: WG1943498-3 WG1943498-4								
p-Ethyltoluene	99		99		70-130	0		30
1,2,4,5-Tetramethylbenzene	97		99		70-130	2		30
Ethyl ether	91		90		67-130	1		30
trans-1,4-Dichloro-2-butene	87		87		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		89		70-130
Toluene-d8	98		96		70-130
4-Bromofluorobenzene	98		96		70-130
Dibromofluoromethane	96		95		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 QC Batch ID: WG1943498-6 WG1943498-7 QC Sample: L2437014-14 Client ID: I12_0.2-2												
Methylene chloride	ND	149	120	79		140	84		70-130	16		30
1,1-Dichloroethane	ND	149	130	87		150	92		70-130	15		30
Chloroform	ND	149	120	77		140	82		70-130	16		30
Carbon tetrachloride	ND	149	130	84		150	90		70-130	17		30
1,2-Dichloropropane	ND	149	130	84		150	91		70-130	17		30
Dibromochloromethane	ND	149	110	74		130	82		70-130	20		30
1,1,2-Trichloroethane	ND	149	110	72		130	80		70-130	19		30
Tetrachloroethene	ND	149	130	84		150	94		70-130	21		30
Chlorobenzene	ND	149	110	76		140	86		70-130	20		30
Trichlorofluoromethane	ND	149	150	99		170	104		70-139	14		30
1,2-Dichloroethane	ND	149	110	74		130	79		70-130	16		30
1,1,1-Trichloroethane	ND	149	130	84		150	90		70-130	15		30
Bromodichloromethane	ND	149	110	74		130	80		70-130	17		30
trans-1,3-Dichloropropene	ND	149	110	76		140	82		70-130	18		30
cis-1,3-Dichloropropene	ND	149	120	78		140	83		70-130	16		30
1,1-Dichloropropene	ND	149	130	90		160	96		70-130	16		30
Bromoform	ND	149	96	**64**	Q	120	74		70-130	23		30
1,1,2,2-Tetrachloroethane	ND	149	100	**67**	Q	130	76		70-130	22		30
Benzene	ND	149	130	88		150	94		70-130	15		30
Toluene	ND	149	120	83		150	91		70-130	18		30
Ethylbenzene	ND	149	120	78		140	87		70-130	19		30
Chloromethane	ND	149	110	72		120	76		52-130	14		30
Bromomethane	ND	149	150	103		180	108		57-147	13		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 QC Batch ID: WG1943498-6 WG1943498-7 QC Sample: L2437014-14 Client ID: I12_0.2-2												
Vinyl chloride	ND	149	150	100		170	105		67-130	14		30
Chloroethane	ND	149	150	98		170	104		50-151	15		30
1,1-Dichloroethene	ND	149	140	92		160	97		65-135	15		30
trans-1,2-Dichloroethene	ND	149	130	88		150	93		70-130	15		30
Trichloroethene	ND	149	120	78		140	84		70-130	17		30
1,2-Dichlorobenzene	ND	149	88	**59**	Q	110	**69**	Q	70-130	25		30
1,3-Dichlorobenzene	ND	149	95	**64**	Q	120	73		70-130	23		30
1,4-Dichlorobenzene	ND	149	93	**62**	Q	120	72		70-130	24		30
Methyl tert butyl ether	ND	149	110	76		130	82		66-130	16		30
p/m-Xylene	ND	299	240	79		280	87		70-130	19		30
o-Xylene	ND	299	230	75		270	84		70-130	19		30
cis-1,2-Dichloroethene	ND	149	120	81		140	86		70-130	15		30
Dibromomethane	ND	149	110	75		130	80		70-130	16		30
Styrene	ND	299	220	73		260	81		70-130	20		30
Dichlorodifluoromethane	ND	149	100	69		120	72		30-146	13		30
Acetone	ND	149	100	67		120	71		54-140	15		30
Carbon disulfide	ND	149	130	88		150	92		59-130	14		30
2-Butanone	ND	149	94	**63**	Q	110	**68**	Q	70-130	17		30
Vinyl acetate	ND	149	29	**19**	Q	30	**19**	Q	70-130	6		30
4-Methyl-2-pentanone	ND	149	120	78		140	82		70-130	15		30
1,2,3-Trichloropropane	ND	149	100	**67**	Q	120	76		68-130	21		30
2-Hexanone	ND	149	89	**60**	Q	100	**64**	Q	70-130	15		30
Bromochloromethane	ND	149	120	77		140	83		70-130	17		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 QC Batch ID: WG1943498-6 WG1943498-7 QC Sample: L2437014-14 Client ID: I12_0.2-2												
2,2-Dichloropropane	ND	149	130	86		150	91		70-130	14		30
1,2-Dibromoethane	ND	149	110	71		130	77		70-130	17		30
1,3-Dichloropropane	ND	149	120	77		140	84		69-130	17		30
1,1,1,2-Tetrachloroethane	ND	149	110	72		130	80		70-130	19		30
Bromobenzene	ND	149	100	70		130	80		70-130	22		30
n-Butylbenzene	ND	149	100	**69**	Q	130	81		70-130	25		30
sec-Butylbenzene	ND	149	110	74		140	84		70-130	22		30
tert-Butylbenzene	ND	149	110	74		140	84		70-130	22		30
o-Chlorotoluene	ND	149	100	**68**	Q	130	78		70-130	23		30
p-Chlorotoluene	ND	149	98	**65**	Q	120	75		70-130	22		30
1,2-Dibromo-3-chloropropane	ND	149	94	**63**	Q	120	72		68-130	23		30
Hexachlorobutadiene	ND	149	91	**61**	Q	120	73		67-130	27		30
Isopropylbenzene	ND	149	120	79		150	89		70-130	21		30
p-Isopropyltoluene	ND	149	110	73		140	83		70-130	22		30
Naphthalene	ND	149	69	**46**	Q	92	**56**	Q	70-130	28		30
Acrylonitrile	ND	149	110	71		120	73		70-130	12		30
n-Propylbenzene	ND	149	110	76		140	87		70-130	22		30
1,2,3-Trichlorobenzene	ND	149	67	**45**	Q	88	**54**	Q	70-130	27		30
1,2,4-Trichlorobenzene	ND	149	78	**52**	Q	100	**62**	Q	70-130	27		30
1,3,5-Trimethylbenzene	ND	149	110	71		130	81		70-130	22		30
1,2,4-Trimethylbenzene	ND	149	100	**68**	Q	130	80		70-130	24		30
1,4-Dioxane	ND	7470	9000	120		9000	110		65-136	0		30
p-Diethylbenzene	ND	149	110	70		130	82		70-130	24		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 QC Batch ID: WG1943498-6 WG1943498-7 QC Sample: L2437014-14 Client ID: I12_0.2-2												
p-Ethyltoluene	ND	149	110	73		140	84		70-130	23		30
1,2,4,5-Tetramethylbenzene	ND	149	91	**61**	Q	120	71		70-130	24		30
Ethyl ether	ND	149	120	80		140	84		67-130	14		30
trans-1,4-Dichloro-2-butene	ND	149	91	**61**	Q	110	**67**	Q	70-130	18		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		90		70-130
4-Bromofluorobenzene	96		99		70-130
Dibromofluoromethane	96		94		70-130
Toluene-d8	98		99		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-02
Client ID: I9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/07/24 18:31
Analyst: SZ
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 13:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	62	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-02 Date Collected: 06/28/24 09:05

Client ID: I9_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	33	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	48	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	36	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	26	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	26	J	ug/kg	140	25.	1
Pyrene	57	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-02 Date Collected: 06/28/24 09:05

Client ID: I9_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
Total TIC Compounds	4070	J	ug/kg			1
Unknown	169	J	ug/kg			1
Unknown Organic Acid	521	J	ug/kg			1
Unknown	302	J	ug/kg			1
Unknown	164	J	ug/kg			1
Unknown	220	J	ug/kg			1
Unknown	1040	J	ug/kg			1
Unknown Organic Acid	157	J	ug/kg			1
Unknown	205	J	ug/kg			1
Unknown Alkane	551	J	ug/kg			1
Unknown	162	J	ug/kg			1
Unknown	154	J	ug/kg			1
Unknown	197	J	ug/kg			1
Unknown	231	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	60		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-06
Client ID: I10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:35
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/07/24 18:56
Analyst: SZ
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 13:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	60	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-06 Date Collected: 06/28/24 09:35

Client ID: I10_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	32	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	47	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	37	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	27	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	56	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-06 Date Collected: 06/28/24 09:35

Client ID: I10_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
Total TIC Compounds	2920	J	ug/kg			1
Unknown	228	J	ug/kg			1
Unknown	194	J	ug/kg			1
Unknown	1440	J	ug/kg			1
Unknown Organic Acid	548	J	ug/kg			1
Unknown	168	J	ug/kg			1
Unknown	186	J	ug/kg			1
Unknown Alkane	151	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	69		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-10
Client ID: I11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/28/24 10:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/07/24 19:21
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 13:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-10 Date Collected: 06/28/24 10:05

Client ID: I11_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-10 Date Collected: 06/28/24 10:05

Client ID: I11_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	62		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-14
Client ID: I12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 11:25
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/07/24 19:47
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 13:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	34.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	73	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-14 Date Collected: 06/28/24 11:25

Client ID: I12_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	35	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	37	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	33	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	41	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	65	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	81.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-14 Date Collected: 06/28/24 11:25

Client ID: I12_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
Total TIC Compounds	183	J	ug/kg			1
Unknown	183	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	67		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-18
Client ID: I13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/07/24 21:02
Analyst: SZ
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 13:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	190	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	27.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	32.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
1,2-Dichlorobenzene	ND		ug/kg	230	42.	1
1,3-Dichlorobenzene	ND		ug/kg	230	40.	1
1,4-Dichlorobenzene	ND		ug/kg	230	41.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	62.	1
2,4-Dinitrotoluene	ND		ug/kg	230	47.	1
2,6-Dinitrotoluene	ND		ug/kg	230	40.	1
Fluoranthene	56	J	ug/kg	140	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	40.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	670	210	1
Hexachloroethane	ND		ug/kg	190	38.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	ND		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	190	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	36.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	81.	1
Butyl benzyl phthalate	ND		ug/kg	230	59.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	79.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-18 Date Collected: 06/28/24 12:15

Client ID: I13_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	230	22.	1
Dimethyl phthalate	ND		ug/kg	230	49.	1
Benzo(a)anthracene	ND		ug/kg	140	26.	1
Benzo(a)pyrene	ND		ug/kg	190	57.	1
Benzo(b)fluoranthene	ND		ug/kg	140	39.	1
Benzo(k)fluoranthene	ND		ug/kg	140	37.	1
Chrysene	26	J	ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	190	36.	1
Anthracene	ND		ug/kg	140	46.	1
Benzo(ghi)perylene	ND		ug/kg	190	27.	1
Fluorene	ND		ug/kg	230	23.	1
Phenanthrene	31	J	ug/kg	140	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	27.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	190	32.	1
Pyrene	45	J	ug/kg	140	23.	1
Biphenyl	ND		ug/kg	530	30.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	45.	1
3-Nitroaniline	ND		ug/kg	230	44.	1
4-Nitroaniline	ND		ug/kg	230	97.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	ND		ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	29.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	35.	1
2-Chlorophenol	ND		ug/kg	230	28.	1
2,4-Dichlorophenol	ND		ug/kg	210	38.	1
2,4-Dimethylphenol	ND		ug/kg	230	77.	1
2-Nitrophenol	ND		ug/kg	500	88.	1
4-Nitrophenol	ND		ug/kg	330	95.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	610	110	1
Pentachlorophenol	ND		ug/kg	190	51.	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	340	36.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-18 Date Collected: 06/28/24 12:15

Client ID: I13_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	230	45.	1
Benzoic Acid	ND		ug/kg	760	240	1
Benzyl Alcohol	ND		ug/kg	230	71.	1
Carbazole	ND		ug/kg	230	23.	1
1,4-Dioxane	ND		ug/kg	35	11.	1
Tentatively Identified Compounds						
Total TIC Compounds	2270	J	ug/kg			1
Unknown Organic Acid	616	J	ug/kg			1
Unknown Organic Acid	425	J	ug/kg			1
Unknown	356	J	ug/kg			1
Unknown	199	J	ug/kg			1
Unknown	670	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	61		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-22
Client ID: I14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 13:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/07/24 21:28
Analyst: SZ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 13:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-22 Date Collected: 06/28/24 13:05

Client ID: I14_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-22 Date Collected: 06/28/24 13:05

Client ID: I14_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	74		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-26
Client ID: FB_06282024_2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:55
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E
Analytical Date: 07/05/24 17:56
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/03/24 14:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-26 Date Collected: 06/28/24 12:55

Client ID: FB_06282024_2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	53.2	J	ug/l			1
Trichloroethene	8.30	NJ	ug/l			1
Tetrachloroethene	44.9	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**6**	Q	21-120
Phenol-d6	17		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	**0**	Q	10-120
4-Terphenyl-d14	63		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-26
Client ID: FB_06282024_2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:55
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 07/02/24 16:05
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 07/01/24 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	153	34.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	33		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-26
Client ID: FB_06282024_2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:55
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 07/06/24 20:54
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 07/03/24 14:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-26 Date Collected: 06/28/24 12:55

Client ID: FB_06282024_2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**7**	Q	21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	10		10-120
4-Terphenyl-d14	64		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-28
Client ID: DUP_06282024_2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/28/24 12:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/07/24 21:53
Analyst: SZ
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-28 Date Collected: 06/28/24 12:05

Client ID: DUP_06282024_2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	20	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-28 Date Collected: 06/28/24 12:05

Client ID: DUP_06282024_2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1
Tentatively Identified Compounds						
Total TIC Compounds	384	J	ug/kg			1
Unknown	205	J	ug/kg			1
Unknown Organic Acid	179	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	58		18-120

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/02/24 11:41
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 07/01/24 16:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 26 Batch: WG1941771-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/05/24 08:28
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/03/24 14:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG1943007-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/05/24 08:28
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/03/24 14:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG1943007-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/05/24 08:28
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/03/24 14:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG1943007-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	7.90	J	ug/l
Tetrachloroethene	7.90	NJ	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	56		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/05/24 11:27
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/03/24 14:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 26 Batch: WG1943008-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/05/24 11:27
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/03/24 14:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 26 Batch: WG1943008-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	64		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/07/24 13:53
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 07/05/24 13:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,28 Batch: WG1943524-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/07/24 13:53
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 07/05/24 13:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,28 Batch: WG1943524-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/07/24 13:53
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 07/05/24 13:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,10,14,18,22,28 Batch: WG1943524-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	88		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 26 Batch: WG1941771-2 WG1941771-3								
1,4-Dioxane	128		133		40-140	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	41		36		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG1943007-2 WG1943007-3								
Acenaphthene	70		70		37-111	0		30
1,2,4-Trichlorobenzene	64		59		39-98	8		30
Hexachlorobenzene	75		71		40-140	5		30
Bis(2-chloroethyl)ether	72		71		40-140	1		30
2-Chloronaphthalene	69		68		40-140	1		30
1,2-Dichlorobenzene	64		65		40-140	2		30
1,3-Dichlorobenzene	64		60		40-140	6		30
1,4-Dichlorobenzene	64		62		36-97	3		30
3,3'-Dichlorobenzidine	70		65		40-140	7		30
2,4-Dinitrotoluene	72		74		48-143	3		30
2,6-Dinitrotoluene	77		75		40-140	3		30
Fluoranthene	70		71		40-140	1		30
4-Chlorophenyl phenyl ether	70		72		40-140	3		30
4-Bromophenyl phenyl ether	68		70		40-140	3		30
Bis(2-chloroisopropyl)ether	67		65		40-140	3		30
Bis(2-chloroethoxy)methane	72		73		40-140	1		30
Hexachlorobutadiene	61		58		40-140	5		30
Hexachlorocyclopentadiene	52		53		40-140	2		30
Hexachloroethane	62		59		40-140	5		30
Isophorone	71		72		40-140	1		30
Naphthalene	66		68		40-140	3		30
Nitrobenzene	69		71		40-140	3		30
NDPA/DPA	73		73		40-140	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG1943007-2 WG1943007-3								
n-Nitrosodi-n-propylamine	76		75		29-132	1		30
Bis(2-ethylhexyl)phthalate	69		73		40-140	6		30
Butyl benzyl phthalate	74		74		40-140	0		30
Di-n-butylphthalate	70		72		40-140	3		30
Di-n-octylphthalate	72		72		40-140	0		30
Diethyl phthalate	75		78		40-140	4		30
Dimethyl phthalate	76		78		40-140	3		30
Benzo(a)anthracene	65		67		40-140	3		30
Benzo(a)pyrene	72		75		40-140	4		30
Benzo(b)fluoranthene	71		72		40-140	1		30
Benzo(k)fluoranthene	65		68		40-140	5		30
Chrysene	67		69		40-140	3		30
Acenaphthylene	71		74		45-123	4		30
Anthracene	68		71		40-140	4		30
Benzo(ghi)perylene	76		80		40-140	5		30
Fluorene	70		73		40-140	4		30
Phenanthrene	69		68		40-140	1		30
Dibenzo(a,h)anthracene	73		78		40-140	7		30
Indeno(1,2,3-cd)pyrene	72		75		40-140	4		30
Pyrene	70		70		26-127	0		30
Biphenyl	63		65		40-140	3		30
4-Chloroaniline	46		49		40-140	6		30
2-Nitroaniline	78		76		52-143	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG1943007-2 WG1943007-3								
3-Nitroaniline	74		80		25-145	8		30
4-Nitroaniline	76		79		51-143	4		30
Dibenzofuran	69		71		40-140	3		30
2-Methylnaphthalene	66		67		40-140	2		30
1,2,4,5-Tetrachlorobenzene	61		60		2-134	2		30
Acetophenone	72		71		39-129	1		30
2,4,6-Trichlorophenol	73		76		30-130	4		30
p-Chloro-m-cresol	76		75		23-97	1		30
2-Chlorophenol	68		66		27-123	3		30
2,4-Dichlorophenol	73		73		30-130	0		30
2,4-Dimethylphenol	66		58		30-130	13		30
2-Nitrophenol	71		73		30-130	3		30
4-Nitrophenol	49		50		10-80	2		30
2,4-Dinitrophenol	32		44		20-130	**32**	Q	30
4,6-Dinitro-o-cresol	74		80		20-164	8		30
Pentachlorophenol	62		70		9-103	12		30
Phenol	37		37		12-110	0		30
2-Methylphenol	63		64		30-130	2		30
3-Methylphenol/4-Methylphenol	61		62		30-130	2		30
2,4,5-Trichlorophenol	73		78		30-130	7		30
Benzoic Acid	**0**	Q	**0**	Q	10-164	NC		30
Benzyl Alcohol	66		68		26-116	3		30
Carbazole	70		73		55-144	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG1943007-2 WG1943007-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		45		21-120
Phenol-d6	32		31		10-120
Nitrobenzene-d5	69		68		23-120
2-Fluorobiphenyl	68		68		15-120
2,4,6-Tribromophenol	71		73		10-120
4-Terphenyl-d14	63		64		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 26 Batch: WG1943008-2 WG1943008-3								
Acenaphthene	74		79		40-140	7		40
2-Chloronaphthalene	66		71		40-140	7		40
Fluoranthene	78		84		40-140	7		40
Hexachlorobutadiene	57		60		40-140	5		40
Naphthalene	66		71		40-140	7		40
Benzo(a)anthracene	73		79		40-140	8		40
Benzo(a)pyrene	83		91		40-140	9		40
Benzo(b)fluoranthene	81		90		40-140	11		40
Benzo(k)fluoranthene	75		81		40-140	8		40
Chrysene	78		84		40-140	7		40
Acenaphthylene	73		78		40-140	7		40
Anthracene	76		82		40-140	8		40
Benzo(ghi)perylene	83		88		40-140	6		40
Fluorene	74		80		40-140	8		40
Phenanthrene	72		77		40-140	7		40
Dibenzo(a,h)anthracene	86		91		40-140	6		40
Indeno(1,2,3-cd)pyrene	91		98		40-140	7		40
Pyrene	77		83		40-140	8		40
2-Methylnaphthalene	74		78		40-140	5		40
Pentachlorophenol	67		79		40-140	16		40
Hexachlorobenzene	65		70		40-140	7		40
Hexachloroethane	64		68		40-140	6		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 26 Batch: WG1943008-2 WG1943008-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		55		21-120
Phenol-d6	40		41		10-120
Nitrobenzene-d5	86		91		23-120
2-Fluorobiphenyl	67		70		15-120
2,4,6-Tribromophenol	85		89		10-120
4-Terphenyl-d14	70		73		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 Batch: WG1943524-2 WG1943524-3								
Acenaphthene	81		73		31-137	10		50
1,2,4-Trichlorobenzene	80		70		38-107	13		50
Hexachlorobenzene	80		73		40-140	9		50
Bis(2-chloroethyl)ether	82		72		40-140	13		50
2-Chloronaphthalene	80		73		40-140	9		50
1,2-Dichlorobenzene	80		71		40-140	12		50
1,3-Dichlorobenzene	77		68		40-140	12		50
1,4-Dichlorobenzene	79		70		28-104	12		50
3,3'-Dichlorobenzidine	65		65		40-140	0		50
2,4-Dinitrotoluene	91		83		40-132	9		50
2,6-Dinitrotoluene	85		78		40-140	9		50
Fluoranthene	89		83		40-140	7		50
4-Chlorophenyl phenyl ether	80		73		40-140	9		50
4-Bromophenyl phenyl ether	79		72		40-140	9		50
Bis(2-chloroisopropyl)ether	85		78		40-140	9		50
Bis(2-chloroethoxy)methane	82		74		40-117	10		50
Hexachlorobutadiene	78		70		40-140	11		50
Hexachlorocyclopentadiene	74		67		40-140	10		50
Hexachloroethane	80		71		40-140	12		50
Isophorone	81		73		40-140	10		50
Naphthalene	81		73		40-140	10		50
Nitrobenzene	85		76		40-140	11		50
NDPA/DPA	83		76		36-157	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 Batch: WG1943524-2 WG1943524-3								
n-Nitrosodi-n-propylamine	82		73		32-121	12		50
Bis(2-ethylhexyl)phthalate	87		80		40-140	8		50
Butyl benzyl phthalate	100		93		40-140	7		50
Di-n-butylphthalate	92		85		40-140	8		50
Di-n-octylphthalate	93		86		40-140	8		50
Diethyl phthalate	81		75		40-140	8		50
Dimethyl phthalate	79		73		40-140	8		50
Benzo(a)anthracene	78		72		40-140	8		50
Benzo(a)pyrene	80		72		40-140	11		50
Benzo(b)fluoranthene	78		73		40-140	7		50
Benzo(k)fluoranthene	82		74		40-140	10		50
Chrysene	80		74		40-140	8		50
Acenaphthylene	81		74		40-140	9		50
Anthracene	90		83		40-140	8		50
Benzo(ghi)perylene	80		74		40-140	8		50
Fluorene	83		76		40-140	9		50
Phenanthrene	85		78		40-140	9		50
Dibenzo(a,h)anthracene	84		77		40-140	9		50
Indeno(1,2,3-cd)pyrene	80		69		40-140	15		50
Pyrene	90		83		35-142	8		50
Biphenyl	82		75		37-127	9		50
4-Chloroaniline	61		78		40-140	24		50
2-Nitroaniline	91		83		47-134	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 Batch: WG1943524-2 WG1943524-3								
3-Nitroaniline	72		60		26-129	18		50
4-Nitroaniline	90		83		41-125	8		50
Dibenzofuran	82		75		40-140	9		50
2-Methylnaphthalene	81		73		40-140	10		50
1,2,4,5-Tetrachlorobenzene	81		73		40-117	10		50
Acetophenone	88		78		14-144	12		50
2,4,6-Trichlorophenol	81		74		30-130	9		50
p-Chloro-m-cresol	84		78		26-103	7		50
2-Chlorophenol	86		76		25-102	12		50
2,4-Dichlorophenol	83		74		30-130	11		50
2,4-Dimethylphenol	76		69		30-130	10		50
2-Nitrophenol	89		80		30-130	11		50
4-Nitrophenol	92		85		11-114	8		50
2,4-Dinitrophenol	71		67		4-130	6		50
4,6-Dinitro-o-cresol	84		78		10-130	7		50
Pentachlorophenol	82		77		17-109	6		50
Phenol	84		75		26-90	11		50
2-Methylphenol	85		76		30-130.	11		50
3-Methylphenol/4-Methylphenol	81		72		30-130	12		50
2,4,5-Trichlorophenol	82		76		30-130	8		50
Benzoic Acid	44		45		10-110	2		50
Benzyl Alcohol	84		75		40-140	11		50
Carbazole	88		82		54-128	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 Batch: WG1943524-2 WG1943524-3								
1,4-Dioxane	60		54		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		74		25-120
Phenol-d6	84		74		10-120
Nitrobenzene-d5	83		74		23-120
2-Fluorobiphenyl	77		70		30-120
2,4,6-Tribromophenol	83		75		10-136
4-Terphenyl-d14	83		77		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 QC Batch ID: WG1943524-4 WG1943524-5 QC Sample: L2437014-14 Client ID: I12_0.2-2												
Acenaphthene	ND	1530	1100	72		1000	65		31-137	10		50
1,2,4-Trichlorobenzene	ND	1530	1100	72		1000	65		38-107	10		50
Hexachlorobenzene	ND	1530	1000	66		1000	65		40-140	0		50
Bis(2-chloroethyl)ether	ND	1530	1100	72		1100	71		40-140	0		50
2-Chloronaphthalene	ND	1530	1100	72		1000	65		40-140	10		50
1,2-Dichlorobenzene	ND	1530	1100	72		1000	65		40-140	10		50
1,3-Dichlorobenzene	ND	1530	1000	66		1000	65		40-140	0		50
1,4-Dichlorobenzene	ND	1530	1000	66		1000	65		28-104	0		50
3,3'-Dichlorobenzidine	ND	1530	850	56		860	56		40-140	1		50
2,4-Dinitrotoluene	ND	1530	1300	85		1200	78		40-132	8		50
2,6-Dinitrotoluene	ND	1530	1200	79		1200	78		40-140	0		50
Fluoranthene	73J	1530	1200	79		1200	78		40-140	0		50
4-Chlorophenyl phenyl ether	ND	1530	1000	66		1000	65		40-140	0		50
4-Bromophenyl phenyl ether	ND	1530	1000	66		1000	65		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1530	1200	79		1200	78		40-140	0		50
Bis(2-chloroethoxy)methane	ND	1530	1200	79		1100	71		40-117	9		50
Hexachlorobutadiene	ND	1530	990	65		940	61		40-140	5		50
Hexachlorocyclopentadiene	ND	1530	710	47		720	47		40-140	1		50
Hexachloroethane	ND	1530	1000	66		1000	65		40-140	0		50
Isophorone	ND	1530	1200	79		1100	71		40-140	9		50
Naphthalene	ND	1530	1100	72		1100	71		40-140	0		50
Nitrobenzene	ND	1530	1200	79		1200	78		40-140	0		50
NDPA/DPA	ND	1530	1100	72		1100	71		36-157	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 QC Batch ID: WG1943524-4 WG1943524-5 QC Sample: L2437014-14 Client ID: I12_0.2-2												
n-Nitrosodi-n-propylamine	ND	1530	1200	79		1100	71		32-121	9		50
Bis(2-ethylhexyl)phthalate	ND	1530	1100	72		1100	71		40-140	0		50
Butyl benzyl phthalate	ND	1530	1400	92		1300	84		40-140	7		50
Di-n-butylphthalate	ND	1530	1200	79		1200	78		40-140	0		50
Di-n-octylphthalate	ND	1530	1200	79		1200	78		40-140	0		50
Diethyl phthalate	ND	1530	1100	72		1100	71		40-140	0		50
Dimethyl phthalate	ND	1530	1100	72		1100	71		40-140	0		50
Benzo(a)anthracene	35J	1530	1000	66		990	64		40-140	1		50
Benzo(a)pyrene	ND	1530	1000	66		980	63		40-140	2		50
Benzo(b)fluoranthene	37J	1530	1000	66		1000	65		40-140	0		50
Benzo(k)fluoranthene	ND	1530	1000	66		1000	65		40-140	0		50
Chrysene	33J	1530	1000	66		1000	65		40-140	0		50
Acenaphthylene	ND	1530	1100	72		1100	71		40-140	0		50
Anthracene	ND	1530	1200	79		1100	71		40-140	9		50
Benzo(ghi)perylene	ND	1530	1000	66		960	62		40-140	4		50
Fluorene	ND	1530	1100	72		1100	71		40-140	0		50
Phenanthrene	41J	1530	1100	72		1100	71		40-140	0		50
Dibenzo(a,h)anthracene	ND	1530	1000	66		1000	65		40-140	0		50
Indeno(1,2,3-cd)pyrene	ND	1530	950	62		920	60		40-140	3		50
Pyrene	65J	1530	1200	79		1200	78		35-142	0		50
Biphenyl	ND	1530	1100	72		1100	71		37-127	0		50
4-Chloroaniline	ND	1530	820	54		820	53		40-140	0		50
2-Nitroaniline	ND	1530	1300	85		1300	84		47-134	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 QC Batch ID: WG1943524-4 WG1943524-5 QC Sample: L2437014-14 Client ID: I12_0.2-2												
3-Nitroaniline	ND	1530	1000	66		1000	65		26-129	0		50
4-Nitroaniline	ND	1530	1200	79		1200	78		41-125	0		50
Dibenzofuran	ND	1530	1100	72		1100	71		40-140	0		50
2-Methylnaphthalene	ND	1530	1100	72		1100	71		40-140	0		50
1,2,4,5-Tetrachlorobenzene	ND	1530	1100	72		1000	65		40-117	10		50
Acetophenone	ND	1530	1200	79		1200	78		14-144	0		50
2,4,6-Trichlorophenol	ND	1530	1200	79		1100	71		30-130	9		50
p-Chloro-m-cresol	ND	1530	1200	79		1200	78		26-103	0		50
2-Chlorophenol	ND	1530	1200	79		1200	78		25-102	0		50
2,4-Dichlorophenol	ND	1530	1200	79		1200	78		30-130	0		50
2,4-Dimethylphenol	ND	1530	1000	66		990	64		30-130	1		50
2-Nitrophenol	ND	1530	1300	85		1300	84		30-130	0		50
4-Nitrophenol	ND	1530	1300	85		1300	84		11-114	0		50
2,4-Dinitrophenol	ND	1530	1200	79		1100	71		4-130	9		50
4,6-Dinitro-o-cresol	ND	1530	1200	79		1200	78		10-130	0		50
Pentachlorophenol	ND	1530	1300	85		1200	78		17-109	8		50
Phenol	ND	1530	1200	79		1100	71		26-90	9		50
2-Methylphenol	ND	1530	1200	79		1200	78		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1530	1100	72		1100	71		30-130	0		50
2,4,5-Trichlorophenol	ND	1530	1200	79		1200	78		30-130	0		50
Benzoic Acid	ND	1530	1300	85		1200	78		10-110	8		50
Benzyl Alcohol	ND	1530	1200	79		1200	78		40-140	0		50
Carbazole	ND	1530	1200	79		1200	78		54-128	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 QC Batch ID: WG1943524-4 WG1943524-5 QC Sample: L2437014-14 Client ID: I12_0.2-2												
1,4-Dioxane	ND	1530	740	48		750	49		40-140	1		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	78		73		10-136
2-Fluorobiphenyl	65		60		30-120
2-Fluorophenol	75		72		25-120
4-Terphenyl-d14	67		59		18-120
Nitrobenzene-d5	76		75		23-120
Phenol-d6	76		73		10-120

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-02
Client ID: I9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/06/24 03:47
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 12:28
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.1	4.71	1	A
Aroclor 1221	ND		ug/kg	53.1	5.32	1	A
Aroclor 1232	ND		ug/kg	53.1	11.2	1	A
Aroclor 1242	ND		ug/kg	53.1	7.16	1	A
Aroclor 1248	ND		ug/kg	53.1	7.96	1	A
Aroclor 1254	ND		ug/kg	53.1	5.81	1	A
Aroclor 1260	ND		ug/kg	53.1	9.81	1	A
Aroclor 1262	ND		ug/kg	53.1	6.74	1	A
Aroclor 1268	ND		ug/kg	53.1	5.50	1	A
PCBs, Total	ND		ug/kg	53.1	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-06
Client ID: I10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:35
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/06/24 03:55
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 12:28
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.5	4.84	1	A
Aroclor 1221	ND		ug/kg	54.5	5.46	1	A
Aroclor 1232	ND		ug/kg	54.5	11.6	1	A
Aroclor 1242	ND		ug/kg	54.5	7.34	1	A
Aroclor 1248	ND		ug/kg	54.5	8.17	1	A
Aroclor 1254	ND		ug/kg	54.5	5.96	1	A
Aroclor 1260	ND		ug/kg	54.5	10.1	1	A
Aroclor 1262	ND		ug/kg	54.5	6.92	1	A
Aroclor 1268	ND		ug/kg	54.5	5.64	1	A
PCBs, Total	ND		ug/kg	54.5	4.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-10
Client ID: I11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 10:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/06/24 04:03
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 12:28
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.6	5.03	1	A
Aroclor 1221	ND		ug/kg	56.6	5.68	1	A
Aroclor 1232	ND		ug/kg	56.6	12.0	1	A
Aroclor 1242	ND		ug/kg	56.6	7.64	1	A
Aroclor 1248	ND		ug/kg	56.6	8.50	1	A
Aroclor 1254	ND		ug/kg	56.6	6.20	1	A
Aroclor 1260	ND		ug/kg	56.6	10.5	1	A
Aroclor 1262	ND		ug/kg	56.6	7.20	1	A
Aroclor 1268	ND		ug/kg	56.6	5.87	1	A
PCBs, Total	ND		ug/kg	56.6	5.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-14
Client ID: I12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 11:25
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/06/24 02:51
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 12:28
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.8	4.95	1	A
Aroclor 1221	ND		ug/kg	55.8	5.59	1	A
Aroclor 1232	ND		ug/kg	55.8	11.8	1	A
Aroclor 1242	ND		ug/kg	55.8	7.52	1	A
Aroclor 1248	ND		ug/kg	55.8	8.36	1	A
Aroclor 1254	ND		ug/kg	55.8	6.10	1	A
Aroclor 1260	15.2	J	ug/kg	55.8	10.3	1	A
Aroclor 1262	ND		ug/kg	55.8	7.08	1	A
Aroclor 1268	ND		ug/kg	55.8	5.78	1	A
PCBs, Total	15.2	J	ug/kg	55.8	4.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-18
Client ID: I13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/06/24 04:11
Analyst: MEO
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 12:28
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	70.3	6.24	1	A
Aroclor 1221	ND		ug/kg	70.3	7.04	1	A
Aroclor 1232	ND		ug/kg	70.3	14.9	1	A
Aroclor 1242	ND		ug/kg	70.3	9.48	1	A
Aroclor 1248	ND		ug/kg	70.3	10.5	1	A
Aroclor 1254	ND		ug/kg	70.3	7.69	1	A
Aroclor 1260	ND		ug/kg	70.3	13.0	1	A
Aroclor 1262	ND		ug/kg	70.3	8.93	1	A
Aroclor 1268	ND		ug/kg	70.3	7.28	1	A
PCBs, Total	ND		ug/kg	70.3	6.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-22
Client ID: I14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 13:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/06/24 04:19
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 12:28
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.1	4.62	1	A
Aroclor 1221	ND		ug/kg	52.1	5.22	1	A
Aroclor 1232	ND		ug/kg	52.1	11.0	1	A
Aroclor 1242	ND		ug/kg	52.1	7.02	1	A
Aroclor 1248	ND		ug/kg	52.1	7.81	1	A
Aroclor 1254	ND		ug/kg	52.1	5.70	1	A
Aroclor 1260	ND		ug/kg	52.1	9.62	1	A
Aroclor 1262	ND		ug/kg	52.1	6.62	1	A
Aroclor 1268	ND		ug/kg	52.1	5.40	1	A
PCBs, Total	ND		ug/kg	52.1	4.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-26
Client ID: FB_06282024_2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:55
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8082A
Analytical Date: 07/07/24 09:24
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/06/24 07:47
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-28
Client ID: DUP_06282024_2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/06/24 04:27
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 12:28
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.6	4.94	1	A
Aroclor 1221	ND		ug/kg	55.6	5.57	1	A
Aroclor 1232	ND		ug/kg	55.6	11.8	1	A
Aroclor 1242	ND		ug/kg	55.6	7.50	1	A
Aroclor 1248	ND		ug/kg	55.6	8.34	1	A
Aroclor 1254	ND		ug/kg	55.6	6.08	1	A
Aroclor 1260	16.1	J	ug/kg	55.6	10.3	1	A
Aroclor 1262	ND		ug/kg	55.6	7.06	1	A
Aroclor 1268	ND		ug/kg	55.6	5.76	1	A
PCBs, Total	16.1	J	ug/kg	55.6	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/06/24 02:27
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 07/05/24 12:28
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,06,10,14,18,22,28 Batch: WG1943504-1						
Aroclor 1016	ND		ug/kg	49.0	4.35	A
Aroclor 1221	ND		ug/kg	49.0	4.91	A
Aroclor 1232	ND		ug/kg	49.0	10.4	A
Aroclor 1242	ND		ug/kg	49.0	6.60	A
Aroclor 1248	ND		ug/kg	49.0	7.34	A
Aroclor 1254	ND		ug/kg	49.0	5.36	A
Aroclor 1260	ND		ug/kg	49.0	9.05	A
Aroclor 1262	ND		ug/kg	49.0	6.22	A
Aroclor 1268	ND		ug/kg	49.0	5.07	A
PCBs, Total	ND		ug/kg	49.0	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/07/24 08:18
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/06/24 07:47
Cleanup Method: EPA 3665A
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 26 Batch: WG1943726-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	113		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 Batch: WG1943504-2 WG1943504-3									
Aroclor 1016	77		79		40-140	3		50	A
Aroclor 1260	73		77		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		76		30-150	A
Decachlorobiphenyl	66		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		82		30-150	B
Decachlorobiphenyl	72		76		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 26 Batch: WG1943726-2 WG1943726-3									
Aroclor 1016	74		78		40-140	6		50	A
Aroclor 1260	69		77		40-140	10		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		75		30-150	A
Decachlorobiphenyl	81		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		76		30-150	B
Decachlorobiphenyl	120		127		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 QC Batch ID: WG1943504-4 WG1943504-5 QC Sample: L2437014-14 Client ID: I12_0.2-2													
Aroclor 1016	ND	356	287	81		290	81		40-140	1		50	A
Aroclor 1260	15.2J	356	291	82		292	82		40-140	0		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		77		30-150	A
Decachlorobiphenyl	69		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		84		30-150	B
Decachlorobiphenyl	76		76		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-01
Client ID: I9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/06/24 10:25
Analyst: MMG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 08:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.378	1	A
Lindane	ND		ug/kg	0.804	0.360	1	A
Alpha-BHC	ND		ug/kg	0.804	0.228	1	A
Beta-BHC	ND		ug/kg	1.93	0.732	1	A
Heptachlor	ND		ug/kg	0.965	0.433	1	A
Aldrin	ND		ug/kg	1.93	0.680	1	A
Heptachlor epoxide	111		ug/kg	3.62	1.09	1	B
Endrin	ND		ug/kg	0.804	0.330	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.845	1	A
Endrin ketone	ND		ug/kg	1.93	0.497	1	A
4,4'-DDE	268		ug/kg	1.93	0.446	1	A
4,4'-DDD	3.40		ug/kg	1.93	0.689	1	A
4,4'-DDT	64.3		ug/kg	1.93	1.55	1	A
Endosulfan I	ND		ug/kg	1.93	0.456	1	A
Endosulfan II	ND		ug/kg	1.93	0.645	1	A
Endosulfan sulfate	ND		ug/kg	0.804	0.383	1	A
Methoxychlor	ND		ug/kg	3.62	1.13	1	A
Toxaphene	ND		ug/kg	36.2	10.1	1	A
cis-Chlordane	117		ug/kg	2.41	0.672	1	B
trans-Chlordane	103		ug/kg	2.41	0.637	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-01
Client ID: I9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/24 09:54
Analyst: JAG
Percent Solids: 82%
Methylation Date: 07/06/24 03:12

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 15:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	202	12.7	1	A
2,4,5-T	ND		ug/kg	202	6.26	1	A
2,4,5-TP (Silvex)	ND		ug/kg	202	5.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-01 D
Client ID: I9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/06/24 14:39
Analyst: MMG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 08:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	606		ug/kg	6.03	3.02	5	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-02
Client ID: I9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/07/24 16:01
Analyst: AKM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 11:42
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.332	1	A
Lindane	ND		ug/kg	0.706	0.315	1	A
Alpha-BHC	ND		ug/kg	0.706	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.642	1	A
Heptachlor	ND		ug/kg	0.847	0.380	1	A
Aldrin	ND		ug/kg	1.69	0.596	1	A
Heptachlor epoxide	56.7		ug/kg	3.18	0.953	1	B
Endrin	ND		ug/kg	0.706	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.741	1	A
Endrin ketone	ND		ug/kg	1.69	0.436	1	A
4,4'-DDE	179		ug/kg	1.69	0.392	1	B
4,4'-DDD	ND		ug/kg	1.69	0.604	1	A
4,4'-DDT	50.1		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.706	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.988	1	A
Toxaphene	ND		ug/kg	31.8	8.89	1	A
cis-Chlordane	69.1	IP	ug/kg	2.12	0.590	1	B
trans-Chlordane	62.8		ug/kg	2.12	0.559	1	B
Chlordane	452		ug/kg	14.1	5.61	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-02
Client ID: I9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/24 10:13
Analyst: JAG
Percent Solids: 90%
Methylation Date: 07/06/24 03:12

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 15:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	181	11.4	1	A
2,4,5-T	ND		ug/kg	181	5.61	1	A
2,4,5-TP (Silvex)	ND		ug/kg	181	4.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	85		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-02 D
Client ID: I9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/24 11:05
Analyst: MMG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 11:42
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	368		ug/kg	5.29	2.65	5	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-05
Client ID: I10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:30
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/06/24 10:37
Analyst: MMG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 08:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.368	1	A
Lindane	ND		ug/kg	0.783	0.350	1	A
Alpha-BHC	ND		ug/kg	0.783	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.713	1	A
Heptachlor	ND		ug/kg	0.940	0.421	1	A
Aldrin	ND		ug/kg	1.88	0.662	1	A
Heptachlor epoxide	207		ug/kg	3.52	1.06	1	B
Endrin	ND		ug/kg	0.783	0.321	1	A
Endrin aldehyde	ND		ug/kg	2.35	0.823	1	A
Endrin ketone	ND		ug/kg	1.88	0.484	1	A
4,4'-DDD	9.07		ug/kg	1.88	0.671	1	A
4,4'-DDT	301		ug/kg	1.88	1.51	1	B
Endosulfan I	ND		ug/kg	1.88	0.444	1	A
Endosulfan II	ND		ug/kg	1.88	0.628	1	A
Endosulfan sulfate	ND		ug/kg	0.783	0.373	1	A
Methoxychlor	ND		ug/kg	3.52	1.10	1	A
Toxaphene	ND		ug/kg	35.2	9.87	1	A
cis-Chlordane	88.0	IP	ug/kg	2.35	0.655	1	B
trans-Chlordane	94.1		ug/kg	2.35	0.620	1	B
Chlordane	725		ug/kg	15.7	6.23	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-05
Client ID: I10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:30
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/24 10:32
Analyst: JAG
Percent Solids: 84%
Methylation Date: 07/06/24 03:12

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 15:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.00	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-05 D
Client ID: I10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:30
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/06/24 14:52
Analyst: MMG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 08:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	768		ug/kg	11.8	5.88	10	A
4,4'-DDE	800		ug/kg	18.8	4.35	10	A

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-06
Client ID: I10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:35
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/07/24 16:13
Analyst: AKM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 11:42
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.342	1	A
Lindane	ND		ug/kg	0.728	0.325	1	A
Alpha-BHC	ND		ug/kg	0.728	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.662	1	A
Heptachlor	ND		ug/kg	0.873	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.615	1	A
Heptachlor epoxide	96.6		ug/kg	3.28	0.983	1	B
Endrin	ND		ug/kg	0.728	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.764	1	A
Endrin ketone	ND		ug/kg	1.75	0.450	1	A
4,4'-DDD	ND		ug/kg	1.75	0.623	1	A
4,4'-DDT	154		ug/kg	1.75	1.40	1	A
Endosulfan I	ND		ug/kg	1.75	0.413	1	A
Endosulfan II	ND		ug/kg	1.75	0.584	1	A
Endosulfan sulfate	ND		ug/kg	0.728	0.346	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.17	1	A
cis-Chlordane	47.3	IP	ug/kg	2.18	0.608	1	B
trans-Chlordane	48.2		ug/kg	2.18	0.576	1	B
Chlordane	344		ug/kg	14.6	5.79	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-06
Client ID: I10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:35
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/24 10:50
Analyst: JAG
Percent Solids: 87%
Methylation Date: 07/06/24 03:12

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 15:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	191	12.0	1	A
2,4,5-T	ND		ug/kg	191	5.91	1	A
2,4,5-TP (Silvex)	ND		ug/kg	191	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	88		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-06 D
Client ID: I10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:35
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/24 11:17
Analyst: MMG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 11:42
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	417		ug/kg	5.46	2.73	5	B
4,4'-DDE	438		ug/kg	8.73	2.02	5	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-09
Client ID: I11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 10:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/06/24 10:50
Analyst: MMG
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 08:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.09	0.409	1	A
Lindane	ND		ug/kg	0.871	0.389	1	A
Alpha-BHC	ND		ug/kg	0.871	0.247	1	A
Beta-BHC	ND		ug/kg	2.09	0.792	1	A
Heptachlor	ND		ug/kg	1.04	0.468	1	A
Aldrin	ND		ug/kg	2.09	0.736	1	A
Heptachlor epoxide	7.31		ug/kg	3.92	1.18	1	A
Endrin	ND		ug/kg	0.871	0.357	1	A
Endrin aldehyde	ND		ug/kg	2.61	0.914	1	A
Endrin ketone	ND		ug/kg	2.09	0.538	1	A
Dieldrin	2.94	IP	ug/kg	1.31	0.653	1	B
4,4'-DDE	221		ug/kg	2.09	0.483	1	A
4,4'-DDD	8.57		ug/kg	2.09	0.745	1	A
4,4'-DDT	72.6		ug/kg	2.09	1.68	1	A
Endosulfan I	ND		ug/kg	2.09	0.494	1	A
Endosulfan II	ND		ug/kg	2.09	0.698	1	A
Endosulfan sulfate	ND		ug/kg	0.871	0.414	1	A
Methoxychlor	ND		ug/kg	3.92	1.22	1	A
Toxaphene	ND		ug/kg	39.2	11.0	1	A
cis-Chlordane	2.03	JIP	ug/kg	2.61	0.728	1	B
trans-Chlordane	2.43	J	ug/kg	2.61	0.690	1	B
Chlordane	ND		ug/kg	17.4	6.92	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-09 Date Collected: 06/28/24 10:00

Client ID: I11_0-0.2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-09
Client ID: I11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 10:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/08/24 08:36
Analyst: AKM
Percent Solids: 74%
Methylation Date: 07/08/24 04:45

Extraction Method: EPA 8151A
Extraction Date: 07/06/24 09:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	223	14.0	1	A
2,4,5-T	ND		ug/kg	223	6.90	1	A
2,4,5-TP (Silvex)	ND		ug/kg	223	5.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	92		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-10
Client ID: I11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 10:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/07/24 16:24
Analyst: AKM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 11:42
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.753	0.337	1	A
Alpha-BHC	ND		ug/kg	0.753	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.685	1	A
Heptachlor	ND		ug/kg	0.904	0.405	1	A
Aldrin	ND		ug/kg	1.81	0.636	1	A
Heptachlor epoxide	ND		ug/kg	3.39	1.02	1	A
Endrin	ND		ug/kg	0.753	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.791	1	A
Endrin ketone	ND		ug/kg	1.81	0.465	1	A
Dieldrin	ND		ug/kg	1.13	0.565	1	A
4,4'-DDE	1.67	J	ug/kg	1.81	0.418	1	B
4,4'-DDD	ND		ug/kg	1.81	0.645	1	A
4,4'-DDT	ND		ug/kg	1.81	1.45	1	B
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	ND		ug/kg	1.81	0.604	1	A
Endosulfan sulfate	ND		ug/kg	0.753	0.358	1	A
Methoxychlor	ND		ug/kg	3.39	1.05	1	A
Toxaphene	ND		ug/kg	33.9	9.49	1	A
cis-Chlordane	ND		ug/kg	2.26	0.630	1	A
trans-Chlordane	ND		ug/kg	2.26	0.596	1	A
Chlordane	ND		ug/kg	15.1	5.99	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-10 Date Collected: 06/28/24 10:05

Client ID: I11_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	111		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-10
Client ID: I11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 10:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/24 11:09
Analyst: JAG
Percent Solids: 86%
Methylation Date: 07/06/24 03:12

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 15:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.96	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-13
Client ID: I12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 11:20
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/06/24 11:02
Analyst: MMG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 08:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	A
Lindane	ND		ug/kg	0.774	0.346	1	A
Alpha-BHC	ND		ug/kg	0.774	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.705	1	A
Heptachlor	ND		ug/kg	0.929	0.417	1	A
Aldrin	ND		ug/kg	1.86	0.654	1	A
Heptachlor epoxide	41.6		ug/kg	3.48	1.04	1	B
Endrin	ND		ug/kg	0.774	0.318	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.813	1	A
Endrin ketone	ND		ug/kg	1.86	0.479	1	A
Dieldrin	248		ug/kg	1.16	0.581	1	A
4,4'-DDE	95.2		ug/kg	1.86	0.430	1	A
4,4'-DDD	ND		ug/kg	1.86	0.663	1	A
4,4'-DDT	23.8		ug/kg	1.86	1.49	1	B
Endosulfan I	ND		ug/kg	1.86	0.439	1	A
Endosulfan II	ND		ug/kg	1.86	0.621	1	A
Endosulfan sulfate	ND		ug/kg	0.774	0.369	1	A
Methoxychlor	ND		ug/kg	3.48	1.08	1	A
Toxaphene	ND		ug/kg	34.8	9.76	1	A
cis-Chlordane	28.0	IP	ug/kg	2.32	0.648	1	B
trans-Chlordane	19.6		ug/kg	2.32	0.613	1	B
Chlordane	ND		ug/kg	15.5	6.16	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-13 Date Collected: 06/28/24 11:20

Client ID: I12_0-0.2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-13
Client ID: I12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 11:20
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/24 11:27
Analyst: JAG
Percent Solids: 84%
Methylation Date: 07/06/24 03:12

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 15:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	197	12.4	1	A
2,4,5-T	ND		ug/kg	197	6.11	1	A
2,4,5-TP (Silvex)	ND		ug/kg	197	5.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	72		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-14
Client ID: I12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 11:25
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/07/24 16:35
Analyst: AKM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 11:42
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.763	0.341	1	A
Alpha-BHC	ND		ug/kg	0.763	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.695	1	A
Heptachlor	ND		ug/kg	0.916	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.645	1	A
Heptachlor epoxide	22.9		ug/kg	3.44	1.03	1	B
Endrin	ND		ug/kg	0.763	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.802	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	154		ug/kg	1.14	0.572	1	B
4,4'-DDE	62.2		ug/kg	1.83	0.424	1	B
4,4'-DDD	ND		ug/kg	1.83	0.653	1	A
4,4'-DDT	15.6		ug/kg	1.83	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.433	1	A
Endosulfan II	ND		ug/kg	1.83	0.612	1	A
Endosulfan sulfate	ND		ug/kg	0.763	0.363	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.62	1	A
cis-Chlordane	18.9	IP	ug/kg	2.29	0.638	1	B
trans-Chlordane	13.6		ug/kg	2.29	0.604	1	B
Chlordane	110	IP	ug/kg	15.3	6.07	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-14 Date Collected: 06/28/24 11:25

Client ID: I12_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	44		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-14
Client ID: I12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 11:25
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/24 11:46
Analyst: JAG
Percent Solids: 85%
Methylation Date: 07/06/24 03:12

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 15:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.00	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	81		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-17
Client ID: I13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:10
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/06/24 11:15
Analyst: MMG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 08:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.06	0.403	1	A
Lindane	ND		ug/kg	0.858	0.384	1	A
Alpha-BHC	ND		ug/kg	0.858	0.244	1	A
Beta-BHC	ND		ug/kg	2.06	0.781	1	A
Heptachlor	ND		ug/kg	1.03	0.462	1	A
Aldrin	ND		ug/kg	2.06	0.725	1	A
Heptachlor epoxide	99.4		ug/kg	3.86	1.16	1	B
Endrin	ND		ug/kg	0.858	0.352	1	A
Endrin aldehyde	ND		ug/kg	2.57	0.901	1	A
Endrin ketone	ND		ug/kg	2.06	0.530	1	A
4,4'-DDE	286		ug/kg	2.06	0.476	1	A
4,4'-DDD	ND		ug/kg	2.06	0.735	1	A
4,4'-DDT	79.2		ug/kg	2.06	1.66	1	A
Endosulfan I	ND		ug/kg	2.06	0.487	1	A
Endosulfan II	ND		ug/kg	2.06	0.688	1	A
Endosulfan sulfate	ND		ug/kg	0.858	0.408	1	A
Methoxychlor	ND		ug/kg	3.86	1.20	1	A
Toxaphene	ND		ug/kg	38.6	10.8	1	A
cis-Chlordane	37.6	IP	ug/kg	2.57	0.718	1	B
trans-Chlordane	39.5		ug/kg	2.57	0.680	1	B
Chlordane	418		ug/kg	17.2	6.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-17
Client ID: I13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:10
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/24 12:42
Analyst: JAG
Percent Solids: 77%
Methylation Date: 07/06/24 03:12

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 15:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	213	13.4	1	A
2,4,5-T	ND		ug/kg	213	6.60	1	A
2,4,5-TP (Silvex)	ND		ug/kg	213	5.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-17 D
Client ID: I13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:10
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/06/24 15:04
Analyst: MMG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 08:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	524		ug/kg	6.44	3.22	5	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-18
Client ID: I13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/07/24 17:10
Analyst: AKM
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 11:42
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.21	0.433	1	A
Lindane	ND		ug/kg	0.920	0.411	1	A
Alpha-BHC	ND		ug/kg	0.920	0.261	1	A
Beta-BHC	ND		ug/kg	2.21	0.838	1	A
Heptachlor	ND		ug/kg	1.10	0.495	1	A
Aldrin	ND		ug/kg	2.21	0.778	1	A
Heptachlor epoxide	75.0		ug/kg	4.14	1.24	1	B
Endrin	ND		ug/kg	0.920	0.377	1	A
Endrin aldehyde	ND		ug/kg	2.76	0.966	1	A
Endrin ketone	ND		ug/kg	2.21	0.569	1	A
4,4'-DDE	216		ug/kg	2.21	0.511	1	A
4,4'-DDD	ND		ug/kg	2.21	0.788	1	A
4,4'-DDT	68.9		ug/kg	2.21	1.78	1	A
Endosulfan I	ND		ug/kg	2.21	0.522	1	A
Endosulfan II	ND		ug/kg	2.21	0.738	1	A
Endosulfan sulfate	ND		ug/kg	0.920	0.438	1	A
Methoxychlor	ND		ug/kg	4.14	1.29	1	A
Toxaphene	ND		ug/kg	41.4	11.6	1	A
cis-Chlordane	33.4	IP	ug/kg	2.76	0.770	1	B
trans-Chlordane	36.2		ug/kg	2.76	0.729	1	B
Chlordane	290		ug/kg	18.4	7.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-18
Client ID: I13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/24 13:38
Analyst: JAG
Percent Solids: 70%
Methylation Date: 07/06/24 03:12

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 15:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	236	14.8	1	A
2,4,5-T	ND		ug/kg	236	7.30	1	A
2,4,5-TP (Silvex)	ND		ug/kg	236	6.27	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-18 D
Client ID: I13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/24 11:28
Analyst: MMG
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 11:42
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	451		ug/kg	6.90	3.45	5	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-21
Client ID: I14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 13:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/06/24 11:52
Analyst: MMG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 08:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.741	0.331	1	A
Alpha-BHC	ND		ug/kg	0.741	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	ND		ug/kg	0.889	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.626	1	A
Heptachlor epoxide	ND	IP	ug/kg	3.34	1.00	1	B
Endrin	ND		ug/kg	0.741	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.778	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	1.80		ug/kg	1.11	0.556	1	A
4,4'-DDE	55.1		ug/kg	1.78	0.411	1	A
4,4'-DDD	ND		ug/kg	1.78	0.634	1	A
4,4'-DDT	10.0		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.741	0.353	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.34	1	A
cis-Chlordane	ND		ug/kg	2.22	0.620	1	A
trans-Chlordane	ND		ug/kg	2.22	0.587	1	A
Chlordane	ND		ug/kg	14.8	5.89	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-21 Date Collected: 06/28/24 13:00

Client ID: I14_0-0.2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-21
Client ID: I14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 13:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/24 13:56
Analyst: JAG
Percent Solids: 85%
Methylation Date: 07/06/24 03:12

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 15:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.01	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-22
Client ID: I14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 13:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/07/24 17:21
Analyst: AKM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 11:42
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.324	1	A
Lindane	ND		ug/kg	0.690	0.308	1	A
Alpha-BHC	ND		ug/kg	0.690	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.628	1	A
Heptachlor	ND		ug/kg	0.828	0.371	1	A
Aldrin	ND		ug/kg	1.66	0.583	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.932	1	A
Endrin	ND		ug/kg	0.690	0.283	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.724	1	A
Endrin ketone	ND		ug/kg	1.66	0.426	1	A
Dieldrin	ND		ug/kg	1.04	0.518	1	A
4,4'-DDE	3.79		ug/kg	1.66	0.383	1	B
4,4'-DDD	ND		ug/kg	1.66	0.591	1	A
4,4'-DDT	ND		ug/kg	1.66	1.33	1	B
Endosulfan I	ND		ug/kg	1.66	0.391	1	A
Endosulfan II	ND		ug/kg	1.66	0.553	1	A
Endosulfan sulfate	ND		ug/kg	0.690	0.328	1	A
Methoxychlor	ND		ug/kg	3.10	0.966	1	A
Toxaphene	ND		ug/kg	31.0	8.69	1	A
cis-Chlordane	ND		ug/kg	2.07	0.577	1	A
trans-Chlordane	ND		ug/kg	2.07	0.546	1	A
Chlordane	ND		ug/kg	13.8	5.49	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-22 Date Collected: 06/28/24 13:05

Client ID: I14_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-22
Client ID: I14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 13:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/24 14:33
Analyst: JAG
Percent Solids: 92%
Methylation Date: 07/06/24 03:12

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 15:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	177	11.1	1	A
2,4,5-T	ND		ug/kg	177	5.48	1	A
2,4,5-TP (Silvex)	ND		ug/kg	177	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-25
Client ID: FB_06282024_1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 10:45
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 07/06/24 12:13
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/05/24 11:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.009	J	ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-25 Date Collected: 06/28/24 10:45

Client ID: FB_06282024_1 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-25
Client ID: FB_06282024_1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 10:45
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 07/04/24 06:08
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 01:36

Methylation Date: 07/03/24 11:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	62		30-150	A
DCAA	61		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-26
Client ID: FB_06282024_2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/28/24 12:55
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 07/06/24 12:24
Analyst: JAG
Extraction Method: EPA 3510C
Extraction Date: 07/05/24 23:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.009	J	ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-26 Date Collected: 06/28/24 12:55

Client ID: FB_06282024_2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-26
Client ID: FB_06282024_2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:55
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 07/04/24 06:27
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 01:36

Methylation Date: 07/03/24 11:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	47		30-150	A
DCAA	47		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-27
Client ID: DUP_06282024_1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/06/24 12:04
Analyst: MMG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 08:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.768	0.343	1	A
Alpha-BHC	ND		ug/kg	0.768	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.699	1	A
Heptachlor	ND		ug/kg	0.921	0.413	1	A
Aldrin	ND		ug/kg	1.84	0.649	1	A
Heptachlor epoxide	45.2		ug/kg	3.46	1.04	1	B
Endrin	ND		ug/kg	0.768	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.806	1	A
Endrin ketone	ND		ug/kg	1.84	0.474	1	A
Dieldrin	281		ug/kg	1.15	0.576	1	A
4,4'-DDE	106		ug/kg	1.84	0.426	1	A
4,4'-DDD	ND		ug/kg	1.84	0.657	1	A
4,4'-DDT	26.5		ug/kg	1.84	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.435	1	A
Endosulfan II	ND		ug/kg	1.84	0.616	1	A
Endosulfan sulfate	ND		ug/kg	0.768	0.365	1	A
Methoxychlor	ND		ug/kg	3.46	1.07	1	A
Toxaphene	ND		ug/kg	34.6	9.67	1	A
cis-Chlordane	29.7	IP	ug/kg	2.30	0.642	1	B
trans-Chlordane	20.9		ug/kg	2.30	0.608	1	B
Chlordane	ND		ug/kg	15.4	6.10	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-27 Date Collected: 06/28/24 12:00

Client ID: DUP_06282024_1 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-27
Client ID: DUP_06282024_1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/24 14:52
Analyst: JAG
Percent Solids: 83%
Methylation Date: 07/06/24 03:12

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 15:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	195	12.3	1	A
2,4,5-T	ND		ug/kg	195	6.04	1	A
2,4,5-TP (Silvex)	ND		ug/kg	195	5.18	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-28
Client ID: DUP_06282024_2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/07/24 17:33
Analyst: AKM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 11:42
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.367	1	A
Lindane	ND		ug/kg	0.781	0.349	1	A
Alpha-BHC	ND		ug/kg	0.781	0.222	1	A
Beta-BHC	ND		ug/kg	1.87	0.711	1	A
Heptachlor	ND		ug/kg	0.937	0.420	1	A
Aldrin	ND		ug/kg	1.87	0.660	1	A
Heptachlor epoxide	45.3		ug/kg	3.52	1.05	1	B
Endrin	ND		ug/kg	0.781	0.320	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.820	1	A
Endrin ketone	ND		ug/kg	1.87	0.483	1	A
Dieldrin	246		ug/kg	1.17	0.586	1	B
4,4'-DDE	131		ug/kg	1.87	0.434	1	B
4,4'-DDD	ND		ug/kg	1.87	0.669	1	A
4,4'-DDT	41.2		ug/kg	1.87	1.51	1	A
Endosulfan I	ND		ug/kg	1.87	0.443	1	A
Endosulfan II	ND		ug/kg	1.87	0.626	1	A
Endosulfan sulfate	ND		ug/kg	0.781	0.372	1	A
Methoxychlor	ND		ug/kg	3.52	1.09	1	A
Toxaphene	ND		ug/kg	35.2	9.84	1	A
cis-Chlordane	19.8	IP	ug/kg	2.34	0.653	1	B
trans-Chlordane	22.3		ug/kg	2.34	0.619	1	B
Chlordane	166		ug/kg	15.6	6.21	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-28 Date Collected: 06/28/24 12:05

Client ID: DUP_06282024_2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437014
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-28
Client ID: DUP_06282024_2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/06/24 15:11
Analyst: JAG
Percent Solids: 82%
Methylation Date: 07/06/24 03:12

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 15:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	198	12.5	1	A
2,4,5-T	ND		ug/kg	198	6.15	1	A
2,4,5-TP (Silvex)	ND		ug/kg	198	5.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/03/24 14:01
Analyst: SID

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 01:36

Methylation Date: 07/03/24 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 25-26 Batch: WG1942608-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	93		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/06/24 08:59
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 07/03/24 14:53

Methylation Date: 07/06/24 03:12

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,05-06,10,13-14,17-18,21-22,27-28 Batch: WG1943026-1						
2,4-D	ND		ug/kg	163	10.3	A
2,4,5-T	ND		ug/kg	163	5.06	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/06/24 09:48
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/05/24 08:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,05,09,13,17,21,27 Batch: WG1943356-1						
Delta-BHC	ND		ug/kg	1.57	0.308	A
Lindane	ND		ug/kg	0.655	0.293	A
Alpha-BHC	ND		ug/kg	0.655	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.596	A
Heptachlor	ND		ug/kg	0.786	0.352	A
Aldrin	ND		ug/kg	1.57	0.554	A
Heptachlor epoxide	ND		ug/kg	2.95	0.885	A
Endrin	ND		ug/kg	0.655	0.269	A
Endrin aldehyde	ND		ug/kg	1.96	0.688	A
Endrin ketone	ND		ug/kg	1.57	0.405	A
Dieldrin	ND		ug/kg	0.983	0.491	A
4,4'-DDE	ND		ug/kg	1.57	0.364	A
4,4'-DDD	ND		ug/kg	1.57	0.561	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.372	A
Endosulfan II	ND		ug/kg	1.57	0.526	A
Endosulfan sulfate	ND		ug/kg	0.655	0.312	A
Methoxychlor	ND		ug/kg	2.95	0.917	A
Toxaphene	ND		ug/kg	29.5	8.26	A
cis-Chlordane	ND		ug/kg	1.96	0.548	A
trans-Chlordane	ND		ug/kg	1.96	0.519	A
Chlordane	ND		ug/kg	13.1	5.21	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/06/24 09:48
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/05/24 08:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,05,09,13,17,21,27 Batch: WG1943356-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/06/24 10:12
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/05/24 11:37

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 25-26 Batch: WG1943476-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/06/24 10:12
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/05/24 11:37

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 25-26 Batch: WG1943476-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/07/24 13:33
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 07/05/24 11:42
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,06,10,14,18,22,28 Batch: WG1943481-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.658	0.294	A
Alpha-BHC	ND		ug/kg	0.658	0.187	A
Beta-BHC	ND		ug/kg	1.58	0.599	A
Heptachlor	ND		ug/kg	0.789	0.354	A
Aldrin	ND		ug/kg	1.58	0.556	A
Heptachlor epoxide	ND		ug/kg	2.96	0.888	A
Endrin	ND		ug/kg	0.658	0.270	A
Endrin aldehyde	ND		ug/kg	1.97	0.691	A
Endrin ketone	ND		ug/kg	1.58	0.406	A
Dieldrin	ND		ug/kg	0.987	0.493	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDD	ND		ug/kg	1.58	0.563	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.373	A
Endosulfan II	ND		ug/kg	1.58	0.528	A
Endosulfan sulfate	ND		ug/kg	0.658	0.313	A
Methoxychlor	ND		ug/kg	2.96	0.921	A
Toxaphene	ND		ug/kg	29.6	8.29	A
cis-Chlordane	ND		ug/kg	1.97	0.550	A
trans-Chlordane	ND		ug/kg	1.97	0.521	A
Chlordane	ND		ug/kg	13.2	5.23	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/07/24 13:33
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 07/05/24 11:42
Cleanup Method: EPA 3620B
Cleanup Date: 07/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,06,10,14,18,22,28 Batch: WG1943481-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/08/24 07:41
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 07/06/24 09:50

Methylation Date: 07/08/24 04:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 09 Batch: WG1943793-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 25-26 Batch: WG1942608-2 WG1942608-3									
2,4-D	85		84		30-150	1		25	A
2,4,5-T	89		88		30-150	1		25	A
2,4,5-TP (Silvex)	90		94		30-150	4		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	87		89		30-150	A
DCAA	84		83		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,10,13-14,17-18,21-22,27-28 Batch: WG1943026-2 WG1943026-3									
2,4-D	81		83		30-150	2		30	A
2,4,5-T	77		78		30-150	1		30	A
2,4,5-TP (Silvex)	88		86		30-150	2		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	81		84		30-150	A
DCAA	91		97		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,05,09,13,17,21,27 Batch: WG1943356-2 WG1943356-3									
Delta-BHC	67		62		30-150	8		30	A
Lindane	64		62		30-150	3		30	A
Alpha-BHC	67		65		30-150	3		30	A
Beta-BHC	64		62		30-150	3		30	A
Heptachlor	64		61		30-150	5		30	A
Aldrin	67		64		30-150	5		30	A
Heptachlor epoxide	65		62		30-150	5		30	A
Endrin	76		72		30-150	5		30	A
Endrin aldehyde	69		64		30-150	8		30	A
Endrin ketone	77		70		30-150	10		30	A
Dieldrin	81		76		30-150	6		30	A
4,4'-DDE	75		70		30-150	7		30	A
4,4'-DDD	83		77		30-150	8		30	A
4,4'-DDT	80		74		30-150	8		30	A
Endosulfan I	71		67		30-150	6		30	A
Endosulfan II	76		72		30-150	5		30	A
Endosulfan sulfate	80		74		30-150	8		30	A
Methoxychlor	91		84		30-150	8		30	A
cis-Chlordane	69		65		30-150	6		30	A
trans-Chlordane	76		72		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,05,09,13,17,21,27 Batch: WG1943356-2 WG1943356-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		55		30-150	A
Decachlorobiphenyl	69		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		58		30-150	B
Decachlorobiphenyl	83		76		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 25-26 Batch: WG1943476-2 WG1943476-3									
Delta-BHC	80		76		30-150	5		20	A
Lindane	82		78		30-150	5		20	A
Alpha-BHC	85		81		30-150	5		20	A
Beta-BHC	88		83		30-150	5		20	A
Heptachlor	88		83		30-150	6		20	A
Aldrin	82		75		30-150	9		20	A
Heptachlor epoxide	86		80		30-150	7		20	A
Endrin	88		83		30-150	6		20	A
Endrin aldehyde	89		82		30-150	8		20	A
Endrin ketone	97		92		30-150	6		20	A
Dieldrin	95		88		30-150	7		20	A
4,4'-DDE	84		78		30-150	8		20	A
4,4'-DDD	94		88		30-150	7		20	A
4,4'-DDT	96		87		30-150	9		20	A
Endosulfan I	84		78		30-150	7		20	A
Endosulfan II	92		87		30-150	6		20	A
Endosulfan sulfate	89		83		30-150	6		20	A
Methoxychlor	115		108		30-150	6		20	A
cis-Chlordane	78		73		30-150	7		20	A
trans-Chlordane	95		88		30-150	8		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 25-26 Batch: WG1943476-2 WG1943476-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		73		30-150	A
Decachlorobiphenyl	109		102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		82		30-150	B
Decachlorobiphenyl	107		99		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 Batch: WG1943481-2 WG1943481-3									
Delta-BHC	63		76		30-150	19		30	A
Lindane	55		63		30-150	14		30	A
Alpha-BHC	57		65		30-150	13		30	A
Beta-BHC	64		72		30-150	12		30	A
Heptachlor	59		68		30-150	14		30	A
Aldrin	57		65		30-150	13		30	A
Heptachlor epoxide	50		56		30-150	11		30	A
Endrin	63		71		30-150	12		30	A
Endrin aldehyde	63		70		30-150	11		30	A
Endrin ketone	64		73		30-150	13		30	A
Dieldrin	64		73		30-150	13		30	A
4,4'-DDE	60		70		30-150	15		30	A
4,4'-DDD	66		75		30-150	13		30	A
4,4'-DDT	64		73		30-150	13		30	A
Endosulfan I	59		67		30-150	13		30	A
Endosulfan II	62		70		30-150	12		30	A
Endosulfan sulfate	63		72		30-150	13		30	A
Methoxychlor	63		69		30-150	9		30	A
cis-Chlordane	56		64		30-150	13		30	A
trans-Chlordane	69		78		30-150	12		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 Batch: WG1943481-2 WG1943481-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		57		30-150	A
Decachlorobiphenyl	57		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		63		30-150	B
Decachlorobiphenyl	71		82		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1943793-2 WG1943793-3									
2,4-D	78		86		30-150	10		30	A
2,4,5-T	76		87		30-150	13		30	A
2,4,5-TP (Silvex)	74		83		30-150	11		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	85		97		30-150	A
DCAA	94		108		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,10,13-14,17-18,21-22,27-28 QC Batch ID: WG1943026-4 WG1943026-5 QC Sample: L2437014-14 Client ID: I12_0.2-2													
2,4-D	ND	194	183J	94		185J	96		30-150	1		30	A
2,4,5-T	ND	194	184J	95		190J	99		30-150	3		30	A
2,4,5-TP (Silvex)	ND	194	185J	95		191J	100		30-150	3		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	98		99		30-150	A
DCAA	94		95		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,05-06,10,13-14,17-18,21-22,27-28 QC Batch ID: WG1943026-6 WG1943026-7 QC Sample: L2437014-17 Client ID: I13_0-0.2													
2,4-D	ND	217	212J	98		207J	96		30-150	2		30	A
2,4,5-T	ND	217	210J	97		213J	99		30-150	1		30	A
2,4,5-TP (Silvex)	ND	217	211J	97		212J	99		30-150	0		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	99		99		30-150	A
DCAA	93		94		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,05,09,13,17,21,27 QC Batch ID: WG1943356-4 WG1943356-5 QC Sample: L2437014-17 Client ID: I13_0-0.2													
Delta-BHC	ND	42.8	206	**481**	Q	154	**358**	Q	30-150	29		50	A
Lindane	ND	42.8	21.0	49		19.8	46		30-150	6		50	A
Alpha-BHC	ND	42.8	22.8	53		21.5	50		30-150	6		50	A
Beta-BHC	ND	42.8	23.6	55		22.5	52		30-150	5		50	A
Heptachlor	ND	42.8	22.8	53		21.7	51		30-150	5		50	A
Aldrin	ND	42.8	21.0	49		20.0	47		30-150	5		50	A
Heptachlor epoxide	99.4	42.8	133	78		126	62		30-150	5		50	B
Endrin	ND	42.8	24.2	57		24.1	56		30-150	0		50	A
Endrin aldehyde	ND	42.8	25.3	59		23.2	54		30-150	9		50	A
Endrin ketone	ND	42.8	29.8	70		27.8	65		30-150	7		50	A
4,4'-DDE	286	42.8	347E	142		323	86		30-150	7		50	A
4,4'-DDD	ND	42.8	29.3	68		29.2	68		30-150	0		50	A
4,4'-DDT	79.2	42.8	116	86		110	72		30-150	5		50	A
Endosulfan I	ND	42.8	23.7	55		21.0	49		30-150	12		50	A
Endosulfan II	ND	42.8	26.6	62		24.7	58		30-150	7		50	A
Endosulfan sulfate	ND	42.8	26.5	62		24.6	57		30-150	7		50	A
Methoxychlor	ND	42.8	29.8	70		27.8	65		30-150	7		50	A
cis-Chlordane	37.6IP	42.8	62.6	58		59.0	50		30-150	6		50	B
trans-Chlordane	39.5	42.8	70.5	72		65.7	61		30-150	7		50	B

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		44		30-150	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,05,09,13,17,21,27 QC Batch ID: WG1943356-4 WG1943356-5 QC Sample: L2437014-17 Client ID: I13_0-0.2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
Decachlorobiphenyl	59		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		47		30-150	B
Decachlorobiphenyl	62		58		30-150	B

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,05,09,13,17,21,27 QC Batch ID: WG1943356-4 WG1943356-5 QC Sample: L2437014-17 Client ID: I13_0-0.2													
Dieldrin	524	42.8	588	149		510	**0**	Q	30-150	14		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 QC Batch ID: WG1943481-4 WG1943481-5 QC Sample: L2437014-14 Client ID: I12_0.2-2													
Delta-BHC	ND	37.7	62.7	**166**	Q	81.6	**218**	Q	30-150	26		50	A
Lindane	ND	37.7	15.5	41		19.6	52		30-150	23		50	A
Alpha-BHC	ND	37.7	16.8	45		21.4	57		30-150	24		50	A
Beta-BHC	ND	37.7	21.1	56		26.2	70		30-150	22		50	A
Heptachlor	ND	37.7	17.3	46		21.3	57		30-150	21		50	A
Aldrin	ND	37.7	15.8	42		21.7	58		30-150	31		50	A
Heptachlor epoxide	22.9	37.7	39.3	43		49.9	72		30-150	24		50	B
Endrin	ND	37.7	18.4	49		26.5	71		30-150	36		50	A
Endrin aldehyde	ND	37.7	20.0	53		27.6	74		30-150	32		50	A
Endrin ketone	ND	37.7	21.9	58		26.3	70		30-150	18		50	A
Dieldrin	154	37.7	171	45		216	**165**	Q	30-150	23		50	B
4,4'-DDE	62.2	37.7	78.1	42		102	106		30-150	27		50	B
4,4'-DDD	ND	37.7	21.5	57		27.0	72		30-150	23		50	A
4,4'-DDT	15.6	37.7	33.4	47		43.1	73		30-150	25		50	A
Endosulfan I	ND	37.7	17.7	47		21.4	57		30-150	19		50	A
Endosulfan II	ND	37.7	19.5	52		23.9	64		30-150	20		50	A
Endosulfan sulfate	ND	37.7	18.4	49		23.5	63		30-150	24		50	A
Methoxychlor	ND	37.7	19.5	52		24.6	66		30-150	23		50	A
cis-Chlordane	18.9IP	37.7	35.0	43		45.9	72		30-150	27		50	B
trans-Chlordane	13.6	37.7	31.9	49		40.7	72		30-150	24		50	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,06,10,14,18,22,28 QC Batch ID: WG1943481-4 WG1943481-5 QC Sample: L2437014-14 Client ID: I12_0.2-2

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		49		30-150	A
Decachlorobiphenyl	45		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		57		30-150	B
Decachlorobiphenyl	56		72		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-01 Date Collected: 06/28/24 09:00

Client ID: I9_0-0.2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13800		mg/kg	9.32	2.52	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	4.66	0.354	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Arsenic, Total	40.5		mg/kg	0.932	0.194	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Barium, Total	67.6		mg/kg	0.932	0.162	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.406	J	mg/kg	0.466	0.031	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.698	J	mg/kg	0.932	0.091	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Calcium, Total	1260		mg/kg	9.32	3.26	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Chromium, Total	33.2		mg/kg	0.932	0.090	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Cobalt, Total	7.99		mg/kg	1.86	0.155	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Copper, Total	17.9		mg/kg	0.932	0.240	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Iron, Total	14100		mg/kg	4.66	0.842	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Lead, Total	118		mg/kg	4.66	0.250	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Magnesium, Total	4080		mg/kg	9.32	1.44	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Manganese, Total	283		mg/kg	0.932	0.148	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Mercury, Total	5.25		mg/kg	0.419	0.273	5	07/02/24 19:35	07/08/24 12:28	EPA 7471B	1,7471B	MJR
Nickel, Total	12.5		mg/kg	2.33	0.226	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Potassium, Total	572		mg/kg	233	13.4	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Selenium, Total	0.493	J	mg/kg	1.86	0.240	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.466	0.264	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Sodium, Total	35.8	J	mg/kg	186	2.94	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Thallium, Total	0.448	J	mg/kg	1.86	0.294	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Vanadium, Total	27.9		mg/kg	0.932	0.189	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA
Zinc, Total	76.3		mg/kg	4.66	0.273	2	07/02/24 19:15	07/07/24 18:29	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-02 Date Collected: 06/28/24 09:05

Client ID: I9_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11800		mg/kg	8.62	2.33	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	4.31	0.328	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Arsenic, Total	33.5		mg/kg	0.862	0.179	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Barium, Total	61.3		mg/kg	0.862	0.150	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.345	J	mg/kg	0.431	0.029	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.612	J	mg/kg	0.862	0.085	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Calcium, Total	1070		mg/kg	8.62	3.02	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Chromium, Total	29.8		mg/kg	0.862	0.083	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Cobalt, Total	5.55		mg/kg	1.72	0.143	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Copper, Total	16.4		mg/kg	0.862	0.222	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Iron, Total	13300		mg/kg	4.31	0.779	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Lead, Total	115		mg/kg	4.31	0.231	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Magnesium, Total	4100		mg/kg	8.62	1.33	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Manganese, Total	280		mg/kg	0.862	0.137	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Mercury, Total	3.95		mg/kg	0.179	0.116	2	07/02/24 19:35	07/08/24 12:32	EPA 7471B	1,7471B	MJR
Nickel, Total	11.7		mg/kg	2.16	0.209	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Potassium, Total	783		mg/kg	216	12.4	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Selenium, Total	0.548	J	mg/kg	1.72	0.222	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.431	0.244	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Sodium, Total	28.8	J	mg/kg	172	2.72	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Thallium, Total	0.455	J	mg/kg	1.72	0.272	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Vanadium, Total	25.8		mg/kg	0.862	0.175	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA
Zinc, Total	69.3		mg/kg	4.31	0.253	2	07/02/24 19:15	07/07/24 18:32	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-05 Date Collected: 06/28/24 09:30

Client ID: I10_0-0.2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13900		mg/kg	9.25	2.50	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Antimony, Total	0.627	J	mg/kg	4.63	0.352	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Arsenic, Total	188		mg/kg	0.925	0.192	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Barium, Total	64.3		mg/kg	0.925	0.161	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.439	J	mg/kg	0.463	0.031	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Cadmium, Total	1.45		mg/kg	0.925	0.091	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Calcium, Total	1200		mg/kg	9.25	3.24	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Chromium, Total	94.5		mg/kg	0.925	0.089	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Cobalt, Total	5.95		mg/kg	1.85	0.154	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Copper, Total	15.0		mg/kg	0.925	0.239	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Iron, Total	15500		mg/kg	4.63	0.836	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Lead, Total	206		mg/kg	4.63	0.248	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Magnesium, Total	3460		mg/kg	9.25	1.42	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Manganese, Total	322		mg/kg	0.925	0.147	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Mercury, Total	1.78		mg/kg	0.086	0.056	1	07/02/24 19:35	07/08/24 11:27	EPA 7471B	1,7471B	MJR
Nickel, Total	11.5		mg/kg	2.31	0.224	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Potassium, Total	373		mg/kg	231	13.3	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Selenium, Total	0.907	J	mg/kg	1.85	0.239	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Silver, Total	0.536		mg/kg	0.463	0.262	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Sodium, Total	36.6	J	mg/kg	185	2.92	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Thallium, Total	0.370	J	mg/kg	1.85	0.292	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Vanadium, Total	26.5		mg/kg	0.925	0.188	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA
Zinc, Total	74.1		mg/kg	4.63	0.271	2	07/02/24 19:15	07/07/24 18:36	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-06 Date Collected: 06/28/24 09:35

Client ID: I10_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12700		mg/kg	8.80	2.38	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	4.40	0.334	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Arsenic, Total	98.7		mg/kg	0.880	0.183	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Barium, Total	58.1		mg/kg	0.880	0.153	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.381	J	mg/kg	0.440	0.029	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.853	J	mg/kg	0.880	0.086	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Calcium, Total	1040		mg/kg	8.80	3.08	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Chromium, Total	56.0		mg/kg	0.880	0.084	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Cobalt, Total	6.78		mg/kg	1.76	0.146	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Copper, Total	11.4		mg/kg	0.880	0.227	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Iron, Total	15500		mg/kg	4.40	0.794	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Lead, Total	106		mg/kg	4.40	0.236	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Magnesium, Total	3490		mg/kg	8.80	1.35	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Manganese, Total	279		mg/kg	0.880	0.140	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Mercury, Total	0.813		mg/kg	0.086	0.056	1	07/02/24 19:35	07/08/24 11:31	EPA 7471B	1,7471B	MJR
Nickel, Total	11.4		mg/kg	2.20	0.213	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Potassium, Total	559		mg/kg	220	12.7	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Selenium, Total	0.554	J	mg/kg	1.76	0.227	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Silver, Total	0.314	J	mg/kg	0.440	0.249	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Sodium, Total	26.5	J	mg/kg	176	2.77	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Thallium, Total	0.375	J	mg/kg	1.76	0.277	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Vanadium, Total	25.0		mg/kg	0.880	0.178	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA
Zinc, Total	56.3		mg/kg	4.40	0.258	2	07/02/24 19:15	07/07/24 19:04	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-09 Date Collected: 06/28/24 10:00

Client ID: I11_0-0.2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15700		mg/kg	10.5	2.84	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	5.25	0.399	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Arsenic, Total	43.5		mg/kg	1.05	0.218	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Barium, Total	71.9		mg/kg	1.05	0.183	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.470	J	mg/kg	0.525	0.035	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.163	J	mg/kg	1.05	0.103	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Calcium, Total	694		mg/kg	10.5	3.68	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Chromium, Total	29.9		mg/kg	1.05	0.101	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Cobalt, Total	7.83		mg/kg	2.10	0.174	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Copper, Total	18.9		mg/kg	1.05	0.271	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Iron, Total	16400		mg/kg	5.25	0.949	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Lead, Total	140		mg/kg	5.25	0.282	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Magnesium, Total	4780		mg/kg	10.5	1.62	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Manganese, Total	528		mg/kg	1.05	0.167	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Mercury, Total	0.137		mg/kg	0.098	0.064	1	07/02/24 19:35	07/08/24 11:34	EPA 7471B	1,7471B	MJR
Nickel, Total	18.9		mg/kg	2.63	0.254	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Potassium, Total	586		mg/kg	263	15.1	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Selenium, Total	0.705	J	mg/kg	2.10	0.271	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.525	0.297	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Sodium, Total	27.7	J	mg/kg	210	3.31	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Thallium, Total	0.356	J	mg/kg	2.10	0.331	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Vanadium, Total	30.7		mg/kg	1.05	0.213	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA
Zinc, Total	63.4		mg/kg	5.25	0.308	2	07/02/24 19:15	07/07/24 19:07	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-10 Date Collected: 06/28/24 10:05

Client ID: I11_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15800		mg/kg	8.88	2.40	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	4.44	0.337	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Arsenic, Total	4.46		mg/kg	0.888	0.185	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Barium, Total	99.4		mg/kg	0.888	0.154	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.445		mg/kg	0.444	0.029	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.888	0.087	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Calcium, Total	438		mg/kg	8.88	3.11	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Chromium, Total	23.0		mg/kg	0.888	0.085	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Cobalt, Total	8.48		mg/kg	1.78	0.147	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Copper, Total	14.6		mg/kg	0.888	0.229	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Iron, Total	19600		mg/kg	4.44	0.802	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Lead, Total	15.9		mg/kg	4.44	0.238	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Magnesium, Total	3900		mg/kg	8.88	1.37	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Manganese, Total	360		mg/kg	0.888	0.141	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.079	0.051	1	07/02/24 19:35	07/08/24 11:37	EPA 7471B	1,7471B	MJR
Nickel, Total	15.0		mg/kg	2.22	0.215	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Potassium, Total	1210		mg/kg	222	12.8	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Selenium, Total	0.451	J	mg/kg	1.78	0.229	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.444	0.251	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Sodium, Total	29.0	J	mg/kg	178	2.80	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Thallium, Total	0.630	J	mg/kg	1.78	0.280	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Vanadium, Total	32.3		mg/kg	0.888	0.180	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA
Zinc, Total	42.6		mg/kg	4.44	0.260	2	07/02/24 19:15	07/07/24 19:11	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-13 Date Collected: 06/28/24 11:20

Client ID: I12_0-0.2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14000		mg/kg	9.48	2.56	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Antimony, Total	0.619	J	mg/kg	4.74	0.360	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Arsenic, Total	150		mg/kg	0.948	0.197	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Barium, Total	64.6		mg/kg	0.948	0.165	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.426	J	mg/kg	0.474	0.031	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.938	J	mg/kg	0.948	0.093	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Calcium, Total	847		mg/kg	9.48	3.32	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Chromium, Total	69.9		mg/kg	0.948	0.091	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Cobalt, Total	7.78		mg/kg	1.90	0.157	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Copper, Total	16.5		mg/kg	0.948	0.245	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Iron, Total	16600		mg/kg	4.74	0.856	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Lead, Total	120		mg/kg	4.74	0.254	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Magnesium, Total	2720		mg/kg	9.48	1.46	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Manganese, Total	518		mg/kg	0.948	0.151	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Mercury, Total	1.16		mg/kg	0.092	0.060	1	07/02/24 19:35	07/08/24 11:40	EPA 7471B	1,7471B	MJR
Nickel, Total	13.2		mg/kg	2.37	0.230	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Potassium, Total	500		mg/kg	237	13.6	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Selenium, Total	0.556	J	mg/kg	1.90	0.245	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Silver, Total	0.407	J	mg/kg	0.474	0.268	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Sodium, Total	27.6	J	mg/kg	190	2.99	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Thallium, Total	0.300	J	mg/kg	1.90	0.299	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Vanadium, Total	31.9		mg/kg	0.948	0.192	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA
Zinc, Total	62.9		mg/kg	4.74	0.278	2	07/02/24 19:15	07/07/24 19:14	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-14 Date Collected: 06/28/24 11:25

Client ID: I12_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9190		mg/kg	8.95	2.42	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Antimony, Total	0.657	J	mg/kg	4.48	0.340	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Arsenic, Total	77.7		mg/kg	0.895	0.186	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Barium, Total	42.5		mg/kg	0.895	0.156	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.267	J	mg/kg	0.448	0.030	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.561	J	mg/kg	0.895	0.088	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Calcium, Total	490		mg/kg	8.95	3.13	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Chromium, Total	47.0		mg/kg	0.895	0.086	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Cobalt, Total	4.39		mg/kg	1.79	0.149	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Copper, Total	11.4		mg/kg	0.895	0.231	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Iron, Total	9870		mg/kg	4.48	0.808	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Lead, Total	72.0		mg/kg	4.48	0.240	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Magnesium, Total	2120		mg/kg	8.95	1.38	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Manganese, Total	241		mg/kg	0.895	0.142	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Mercury, Total	0.545		mg/kg	0.078	0.051	1	07/02/24 19:35	07/08/24 10:51	EPA 7471B	1,7471B	MJR
Nickel, Total	9.27		mg/kg	2.24	0.217	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Potassium, Total	396		mg/kg	224	12.9	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Selenium, Total	0.391	J	mg/kg	1.79	0.231	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Silver, Total	0.294	J	mg/kg	0.448	0.253	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Sodium, Total	20.3	J	mg/kg	179	2.82	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Thallium, Total	0.350	J	mg/kg	1.79	0.282	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Vanadium, Total	18.1		mg/kg	0.895	0.182	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA
Zinc, Total	43.4		mg/kg	4.48	0.262	2	07/02/24 19:15	07/07/24 18:39	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-17 Date Collected: 06/28/24 12:10

Client ID: I13_0-0.2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	19800		mg/kg	10.1	2.72	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Antimony, Total	0.983	J	mg/kg	5.05	0.384	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Arsenic, Total	193		mg/kg	1.01	0.210	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Barium, Total	100		mg/kg	1.01	0.176	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.561		mg/kg	0.505	0.033	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Cadmium, Total	1.48		mg/kg	1.01	0.099	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Calcium, Total	1270		mg/kg	10.1	3.53	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Chromium, Total	96.6		mg/kg	1.01	0.097	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Cobalt, Total	7.44		mg/kg	2.02	0.168	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Copper, Total	20.8		mg/kg	1.01	0.260	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Iron, Total	15300		mg/kg	5.05	0.911	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Lead, Total	203		mg/kg	5.05	0.270	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Magnesium, Total	3390		mg/kg	10.1	1.55	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Manganese, Total	1030		mg/kg	1.01	0.160	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Mercury, Total	1.09		mg/kg	0.083	0.054	1	07/02/24 19:35	07/08/24 13:43	EPA 7471B	1,7471B	MJR
Nickel, Total	16.8		mg/kg	2.52	0.244	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Potassium, Total	383		mg/kg	252	14.5	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Selenium, Total	0.610	J	mg/kg	2.02	0.260	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Silver, Total	0.631		mg/kg	0.505	0.286	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Sodium, Total	33.1	J	mg/kg	202	3.18	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Thallium, Total	0.606	J	mg/kg	2.02	0.318	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Vanadium, Total	37.1		mg/kg	1.01	0.205	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA
Zinc, Total	86.4		mg/kg	5.05	0.296	2	07/02/24 19:15	07/07/24 19:21	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-18 Date Collected: 06/28/24 12:15

Client ID: I13_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17600		mg/kg	10.9	2.95	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Antimony, Total	0.542	J	mg/kg	5.46	0.415	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Arsenic, Total	134		mg/kg	1.09	0.227	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Barium, Total	88.9		mg/kg	1.09	0.190	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.494	J	mg/kg	0.546	0.036	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.992	J	mg/kg	1.09	0.107	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Calcium, Total	1050		mg/kg	10.9	3.82	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Chromium, Total	83.2		mg/kg	1.09	0.105	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Cobalt, Total	6.22		mg/kg	2.18	0.181	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Copper, Total	17.2		mg/kg	1.09	0.282	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Iron, Total	12200		mg/kg	5.46	0.985	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Lead, Total	144		mg/kg	5.46	0.292	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Magnesium, Total	3220		mg/kg	10.9	1.68	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Manganese, Total	725		mg/kg	1.09	0.174	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Mercury, Total	0.794		mg/kg	0.106	0.069	1	07/02/24 19:35	07/08/24 11:44	EPA 7471B	1,7471B	MJR
Nickel, Total	28.3		mg/kg	2.73	0.264	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Potassium, Total	443		mg/kg	273	15.7	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Selenium, Total	0.738	J	mg/kg	2.18	0.282	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Silver, Total	0.489	J	mg/kg	0.546	0.309	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Sodium, Total	31.7	J	mg/kg	218	3.44	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Thallium, Total	0.473	J	mg/kg	2.18	0.344	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Vanadium, Total	26.1		mg/kg	1.09	0.222	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA
Zinc, Total	68.5		mg/kg	5.46	0.320	2	07/02/24 19:15	07/07/24 19:18	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-21 Date Collected: 06/28/24 13:00

Client ID: I14_0-0.2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10100		mg/kg	9.01	2.43	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	4.50	0.342	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Arsenic, Total	34.7		mg/kg	0.901	0.187	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Barium, Total	48.2		mg/kg	0.901	0.157	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.275	J	mg/kg	0.450	0.030	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.157	J	mg/kg	0.901	0.088	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Calcium, Total	732		mg/kg	9.01	3.15	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Chromium, Total	20.5		mg/kg	0.901	0.087	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Cobalt, Total	5.46		mg/kg	1.80	0.150	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Copper, Total	16.8		mg/kg	0.901	0.232	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Iron, Total	12000		mg/kg	4.50	0.813	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Lead, Total	105		mg/kg	4.50	0.241	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Magnesium, Total	3060		mg/kg	9.01	1.39	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Manganese, Total	286		mg/kg	0.901	0.143	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Mercury, Total	0.135		mg/kg	0.083	0.054	1	07/02/24 19:35	07/08/24 11:47	EPA 7471B	1,7471B	MJR
Nickel, Total	11.4		mg/kg	2.25	0.218	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Potassium, Total	997		mg/kg	225	13.0	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Selenium, Total	0.367	J	mg/kg	1.80	0.232	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.450	0.255	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Sodium, Total	39.7	J	mg/kg	180	2.84	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Thallium, Total	0.314	J	mg/kg	1.80	0.284	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Vanadium, Total	20.7		mg/kg	0.901	0.183	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA
Zinc, Total	40.0		mg/kg	4.50	0.264	2	07/02/24 19:15	07/07/24 19:46	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-22 Date Collected: 06/28/24 13:05

Client ID: I14_0.2-2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12400		mg/kg	8.45	2.28	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	4.22	0.321	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Arsenic, Total	4.34		mg/kg	0.845	0.176	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Barium, Total	65.2		mg/kg	0.845	0.147	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.307	J	mg/kg	0.422	0.028	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.845	0.083	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Calcium, Total	1390		mg/kg	8.45	2.96	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Chromium, Total	17.4		mg/kg	0.845	0.081	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Cobalt, Total	8.48		mg/kg	1.69	0.140	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Copper, Total	28.1		mg/kg	0.845	0.218	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Iron, Total	14400		mg/kg	4.22	0.763	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Lead, Total	9.80		mg/kg	4.22	0.226	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Magnesium, Total	4490		mg/kg	8.45	1.30	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Manganese, Total	348		mg/kg	0.845	0.134	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.082	0.054	1	07/02/24 19:35	07/08/24 11:57	EPA 7471B	1,7471B	MJR
Nickel, Total	19.2		mg/kg	2.11	0.204	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Potassium, Total	1720		mg/kg	211	12.2	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.69	0.218	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.422	0.239	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Sodium, Total	51.3	J	mg/kg	169	2.66	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Thallium, Total	0.514	J	mg/kg	1.69	0.266	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Vanadium, Total	21.8		mg/kg	0.845	0.172	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA
Zinc, Total	34.1		mg/kg	4.22	0.248	2	07/02/24 19:15	07/07/24 19:49	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-25 Date Collected: 06/28/24 10:45

Client ID: FB_06282024_1 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/05/24 14:45	07/08/24 14:00	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00184	J	mg/l	0.00200	0.00055	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/05/24 11:53	07/08/24 10:08	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-26 Date Collected: 06/28/24 12:55

Client ID: FB_06282024_2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00414	J	mg/l	0.0100	0.00327	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Barium, Total	0.00017	J	mg/l	0.00050	0.00017	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/05/24 14:45	07/08/24 14:03	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/05/24 11:53	07/08/24 10:12	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-27 Date Collected: 06/28/24 12:00

Client ID: DUP_06282024_1 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15000		mg/kg	9.30	2.51	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	4.65	0.353	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Arsenic, Total	124		mg/kg	0.930	0.193	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Barium, Total	71.1		mg/kg	0.930	0.162	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.420	J	mg/kg	0.465	0.031	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Cadmium, Total	1.23		mg/kg	0.930	0.091	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Calcium, Total	964		mg/kg	9.30	3.26	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Chromium, Total	82.1		mg/kg	0.930	0.089	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Cobalt, Total	6.32		mg/kg	1.86	0.154	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Copper, Total	18.7		mg/kg	0.930	0.240	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Iron, Total	14800		mg/kg	4.65	0.840	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Lead, Total	119		mg/kg	4.65	0.249	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Magnesium, Total	3170		mg/kg	9.30	1.43	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Manganese, Total	435		mg/kg	0.930	0.148	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Mercury, Total	1.12		mg/kg	0.085	0.055	1	07/02/24 19:35	07/08/24 12:00	EPA 7471B	1,7471B	MJR
Nickel, Total	13.7		mg/kg	2.32	0.225	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Potassium, Total	615		mg/kg	232	13.4	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Selenium, Total	0.659	J	mg/kg	1.86	0.240	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Silver, Total	0.478		mg/kg	0.465	0.263	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Sodium, Total	34.8	J	mg/kg	186	2.93	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Thallium, Total	0.358	J	mg/kg	1.86	0.293	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Vanadium, Total	27.4		mg/kg	0.930	0.189	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA
Zinc, Total	73.7		mg/kg	4.65	0.272	2	07/02/24 19:15	07/07/24 19:53	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-28 Date Collected: 06/28/24 12:05

Client ID: DUP_06282024_2 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17300		mg/kg	9.52	2.57	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	4.76	0.362	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Arsenic, Total	112		mg/kg	0.952	0.198	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Barium, Total	86.5		mg/kg	0.952	0.166	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.467	J	mg/kg	0.476	0.031	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.929	J	mg/kg	0.952	0.093	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Calcium, Total	978		mg/kg	9.52	3.33	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Chromium, Total	93.2		mg/kg	0.952	0.091	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Cobalt, Total	6.42		mg/kg	1.90	0.158	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Copper, Total	16.5		mg/kg	0.952	0.246	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Iron, Total	11900		mg/kg	4.76	0.860	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Lead, Total	120		mg/kg	4.76	0.255	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Magnesium, Total	3420		mg/kg	9.52	1.47	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Manganese, Total	679		mg/kg	0.952	0.151	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Mercury, Total	0.609		mg/kg	0.087	0.056	1	07/02/24 19:35	07/08/24 12:04	EPA 7471B	1,7471B	MJR
Nickel, Total	34.8		mg/kg	2.38	0.230	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Potassium, Total	428		mg/kg	238	13.7	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Selenium, Total	0.681	J	mg/kg	1.90	0.246	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Silver, Total	0.443	J	mg/kg	0.476	0.270	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Sodium, Total	31.9	J	mg/kg	190	3.00	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Thallium, Total	0.338	J	mg/kg	1.90	0.300	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Vanadium, Total	26.2		mg/kg	0.952	0.193	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA
Zinc, Total	64.9		mg/kg	4.76	0.279	2	07/02/24 19:15	07/07/24 19:56	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,27-28 Batch: WG1942476-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Barium, Total	ND		mg/kg	0.400	0.070	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Copper, Total	ND		mg/kg	0.400	0.103	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Iron, Total	1.45	J	mg/kg	2.00	0.361	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Lead, Total	ND		mg/kg	2.00	0.107	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Potassium, Total	ND		mg/kg	100	5.76	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Silver, Total	ND		mg/kg	0.200	0.113	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Sodium, Total	ND		mg/kg	80.0	1.26	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/02/24 19:15	07/07/24 18:22	1,6010D	TAA

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,27-28 Batch: WG1942477-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/02/24 19:35	07/08/24 10:44	1,7471B	MJR

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437014

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 25-26 Batch: WG1943414-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Iron, Total	0.0499	J	mg/l	0.0500	0.0191	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Manganese, Total	0.00048	J	mg/l	0.00100	0.00044	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/05/24 11:53	07/08/24 09:10	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 25-26 Batch: WG1943416-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/05/24 14:45	07/08/24 12:46	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,27-28 Batch: WG1942476-2								
Aluminum, Total	104		-		80-120	-		
Antimony, Total	102		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	103		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Calcium, Total	102		-		80-120	-		
Chromium, Total	101		-		80-120	-		
Cobalt, Total	102		-		80-120	-		
Copper, Total	102		-		80-120	-		
Iron, Total	102		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	101		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	100		-		80-120	-		
Potassium, Total	102		-		80-120	-		
Selenium, Total	101		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	102		-		80-120	-		
Vanadium, Total	103		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,27-28 Batch: WG1942476-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,27-28 Batch: WG1942477-2					
Mercury, Total	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 25-26 Batch: WG1943414-2					
Aluminum, Total	101	-	80-120	-	
Antimony, Total	92	-	80-120	-	
Arsenic, Total	97	-	80-120	-	
Barium, Total	100	-	80-120	-	
Beryllium, Total	98	-	80-120	-	
Cadmium, Total	94	-	80-120	-	
Calcium, Total	91	-	80-120	-	
Chromium, Total	104	-	80-120	-	
Cobalt, Total	101	-	80-120	-	
Copper, Total	96	-	80-120	-	
Iron, Total	107	-	80-120	-	
Lead, Total	94	-	80-120	-	
Magnesium, Total	97	-	80-120	-	
Manganese, Total	103	-	80-120	-	
Nickel, Total	99	-	80-120	-	
Potassium, Total	108	-	80-120	-	
Selenium, Total	93	-	80-120	-	
Silver, Total	99	-	80-120	-	
Sodium, Total	101	-	80-120	-	
Thallium, Total	89	-	80-120	-	
Vanadium, Total	101	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 25-26 Batch: WG1943414-2					
Zinc, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 25-26 Batch: WG1943416-2					
Mercury, Total	115	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,27-28 QC Batch ID: WG1942476-3 WG1942476-4 QC Sample: L2437014-14 Client ID: I12_0.2-2												
Aluminum, Total	9190	182	10800	**885**	Q	10900	**948**	Q	75-125	1		20
Antimony, Total	0.657J	45.4	38.4	84		38.3	85		75-125	0		20
Arsenic, Total	77.7	10.9	91.9	**130**	Q	90.9	122		75-125	1		20
Barium, Total	42.5	182	240	109		240	109		75-125	0		20
Beryllium, Total	0.267J	4.54	4.44	98		4.43	98		75-125	0		20
Cadmium, Total	0.561J	4.82	5.04	104		5.02	105		75-125	0		20
Calcium, Total	490	909	1520	113		1490	111		75-125	2		20
Chromium, Total	47.0	18.2	66.7	108		64.4	96		75-125	4		20
Cobalt, Total	4.39	45.4	47.1	94		47.6	96		75-125	1		20
Copper, Total	11.4	22.7	34.8	103		34.7	103		75-125	0		20
Iron, Total	9870	90.9	10600	**803**	Q	10800	**1030**	Q	75-125	2		20
Lead, Total	72.0	48.2	124	108		119	98		75-125	4		20
Magnesium, Total	2120	909	2980	94		3000	98		75-125	1		20
Manganese, Total	241	45.4	311	**154**	Q	308	**148**	Q	75-125	1		20
Nickel, Total	9.27	45.4	51.1	92		51.6	94		75-125	1		20
Potassium, Total	396	909	1250	94		1260	96		75-125	1		20
Selenium, Total	0.391J	10.9	10.7	98		10.7	99		75-125	0		20
Silver, Total	0.294J	4.54	4.87	107		4.85	108		75-125	0		20
Sodium, Total	20.3J	909	1010	111		1000	111		75-125	1		20
Thallium, Total	0.350J	10.9	10.7	98		10.8	100		75-125	1		20
Vanadium, Total	18.1	45.4	62.8	98		62.9	99		75-125	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,27-28 QC Batch ID: WG1942476-3 WG1942476-4 QC Sample: L2437014-14 Client ID: I12_0.2-2									
Zinc, Total	43.4	45.4	87.2	96	87.4	98	75-125	0	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,27-28 QC Batch ID: WG1942476-7 WG1942476-8 QC Sample: L2437014-17 Client ID: I13_0-0.2											
Aluminum, Total	19800	202	19800	**0**	Q	21400	**796**	Q	75-125	8	20
Antimony, Total	0.983J	50.6	40.2	79		39.8	79		75-125	1	20
Arsenic, Total	193	12.1	197	**33**	Q	193	**0**	Q	75-125	2	20
Barium, Total	100	202	303	100		324	111		75-125	7	20
Beryllium, Total	0.561	5.06	3.96	**67**	Q	4.06	**70**	Q	75-125	2	20
Cadmium, Total	1.48	5.36	6.47	93		6.52	95		75-125	1	20
Calcium, Total	1270	1010	2210	93		2380	110		75-125	7	20
Chromium, Total	96.6	20.2	121	120		120	116		75-125	1	20
Cobalt, Total	7.44	50.6	54.6	93		55.0	95		75-125	1	20
Copper, Total	20.8	25.3	47.2	104		47.4	106		75-125	0	20
Iron, Total	15300	101	13200	**0**	Q	13200	**0**	Q	75-125	0	20
Lead, Total	203	53.6	245	78		245	79		75-125	0	20
Magnesium, Total	3390	1010	4480	108		4680	**128**	Q	75-125	4	20
Manganese, Total	1030	50.6	888	**0**	Q	931	**0**	Q	75-125	5	20
Nickel, Total	16.8	50.6	65.4	96		65.8	98		75-125	1	20
Potassium, Total	383	1010	1090	**70**	Q	1100	**71**	Q	75-125	1	20
Selenium, Total	0.610J	12.1	13.0	107		12.7	105		75-125	2	20
Silver, Total	0.631	5.06	5.75	101		5.77	102		75-125	0	20
Sodium, Total	33.1J	1010	1080	107		1150	114		75-125	6	20
Thallium, Total	0.606J	12.1	12.0	99		12.0	100		75-125	0	20
Vanadium, Total	37.1	50.6	82.4	90		81.9	89		75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,27-28 QC Batch ID: WG1942476-7 WG1942476-8 QC Sample: L2437014-17 Client ID: I13_0-0.2									
Zinc, Total	86.4	50.6	138	102	140	107	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,27-28 QC Batch ID: WG1942477-3 WG1942477-4 QC Sample: L2437014-14 Client ID: I12_0.2-2									
Mercury, Total	0.545	1.47	2.14	109	2.33	102	80-120	9	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,27-28 QC Batch ID: WG1942477-5 WG1942477-6 QC Sample: L2437014-17 Client ID: I13_0-0.2									
Mercury, Total	1.09	1.95	3.13	104	3.03	102	80-120	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 25-26 QC Batch ID: WG1943414-3 WG1943414-4 QC Sample: L2437048-01 Client ID: MS Sample											
Aluminum, Total	0.0601	2	2.19	106		2.26	110		75-125	3	20
Antimony, Total	ND	0.5	0.4963	99		0.5058	101		75-125	2	20
Arsenic, Total	0.00043J	0.12	0.1209	101		0.1234	103		75-125	2	20
Barium, Total	0.2079	2	2.228	101		2.280	104		75-125	2	20
Beryllium, Total	ND	0.05	0.05083	102		0.05168	103		75-125	2	20
Cadmium, Total	0.00010J	0.053	0.05260	99		0.05385	102		75-125	2	20
Calcium, Total	107.	10	115	80		118	110		75-125	3	20
Chromium, Total	0.00018J	0.2	0.2080	104		0.2115	106		75-125	2	20
Cobalt, Total	0.00843	0.5	0.5112	100		0.5121	101		75-125	0	20
Copper, Total	0.00203	0.25	0.2449	97		0.2449	97		75-125	0	20
Iron, Total	0.860	1	1.94	108		1.97	111		75-125	2	20
Lead, Total	ND	0.53	0.5084	96		0.5050	95		75-125	1	20
Magnesium, Total	32.7	10	44.0	113		45.4	**127**	Q	75-125	3	20
Manganese, Total	5.909	0.5	6.892	**197**	Q	7.106	**239**	Q	75-125	3	20
Nickel, Total	0.00655	0.5	0.5009	99		0.5085	100		75-125	2	20
Potassium, Total	27.7	10	38.0	103		39.5	118		75-125	4	20
Selenium, Total	ND	0.12	0.110	92		0.127	106		75-125	14	20
Silver, Total	ND	0.05	0.05072	101		0.05218	104		75-125	3	20
Sodium, Total	81.9	10	92.7	108		94.0	121		75-125	1	20
Thallium, Total	ND	0.12	0.1065	89		0.1076	90		75-125	1	20
Vanadium, Total	ND	0.5	0.5302	106		0.5304	106		75-125	0	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 25-26 QC Batch ID: WG1943414-3 WG1943414-4 QC Sample: L2437048-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4846	97	0.4949	99	75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 25-26 QC Batch ID: WG1943416-3 WG1943416-4 QC Sample: L2437048-01 Client ID: MS Sample									
Mercury, Total	0.00009J	0.005	0.00524	105	0.00477	96	75-125	9	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2437014
Report Date: 07/11/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,27-28 QC Batch ID: WG1942476-10 QC Sample: L2437014-17 Client ID: I13_0-0.2						
Aluminum, Total	19800	19900	mg/kg	1		20
Arsenic, Total	193	187	mg/kg	3		20
Barium, Total	100	102	mg/kg	2		20
Calcium, Total	1270	1280	mg/kg	1		20
Chromium, Total	96.6	97.5	mg/kg	1		20
Iron, Total	15300	22600	mg/kg	**48**	Q	20
Lead, Total	203	207	mg/kg	2		20
Magnesium, Total	3390	3540	mg/kg	4		20
Manganese, Total	1030	1070	mg/kg	4		20
Vanadium, Total	37.1	37.3	mg/kg	1		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2437014
Report Date: 07/11/24

Parameter	Native Sample	Serial Dilution	Units	% D		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-06,09-10,13-14,17-18,21-22,27-28 QC Batch ID: WG1942476-6 QC Sample: L2437014-14 Client ID: I12_0.2-2						
Aluminum, Total	9190	9780	mg/kg	6		20
Arsenic, Total	77.7	79.0	mg/kg	2		20
Barium, Total	42.5	45.2	mg/kg	6		20
Calcium, Total	490	530	mg/kg	8		20
Chromium, Total	47.0	47.6	mg/kg	1		20
Iron, Total	9870	12100	mg/kg	**23**	Q	20
Magnesium, Total	2120	2180	mg/kg	3		20
Manganese, Total	241	257	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-01
Client ID: I9_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 09:00
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.1		%	0.100	NA	1	-	06/29/24 08:01	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.974	0.195	1	07/08/24 09:55	07/08/24 16:30	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-02
Client ID: I9_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 09:05
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	06/29/24 08:01	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	07/08/24 16:50	07/09/24 12:53	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.886	0.177	1	07/08/24 09:55	07/08/24 16:30	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-05
Client ID: I10_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 09:30
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	06/29/24 08:01	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.956	0.191	1	07/08/24 09:55	07/08/24 16:30	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-06
Client ID: I10_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 09:35
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	06/29/24 08:01	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	07/08/24 20:10	07/09/24 13:48	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.920	0.184	1	07/08/24 09:55	07/08/24 16:30	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-09
Client ID: I11_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 10:00
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.9		%	0.100	NA	1	-	06/29/24 08:01	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.08	0.216	1	07/08/24 09:55	07/08/24 16:30	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-10
Client ID: I11_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 10:05
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	06/29/24 08:01	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	07/08/24 20:10	07/09/24 13:49	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.929	0.186	1	07/08/24 09:55	07/08/24 16:30	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-13
Client ID: I12_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 11:20
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	06/29/24 08:01	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.952	0.190	1	07/08/24 09:55	07/08/24 16:30	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-14
Client ID: I12_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 11:25
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	06/29/24 08:22	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	07/08/24 16:50	07/09/24 12:54	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.937	0.187	1	07/08/24 09:55	07/08/24 16:30	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-17
Client ID: I13_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 12:10
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.5		%	0.100	NA	1	-	06/29/24 08:22	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.04	0.209	1	07/08/24 09:55	07/08/24 17:36	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-18
Client ID: I13_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 12:15
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.0		%	0.100	NA	1	-	06/29/24 08:22	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.4	0.30	1	07/08/24 20:10	07/09/24 13:50	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.14	0.228	1	07/08/24 09:55	07/08/24 17:36	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-21
Client ID: I14_0-0.2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 13:00
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	06/29/24 08:22	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.937	0.187	1	07/08/24 09:55	07/08/24 17:36	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-22
Client ID: I14_0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 13:05
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	06/29/24 08:22	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	07/08/24 20:10	07/09/24 13:51	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.867	0.173	1	07/08/24 09:55	07/08/24 17:36	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-25
Client ID: FB_06282024_1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Field Blank

Date Collected: 06/28/24 10:45
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/29/24 07:55	06/29/24 08:15	1,7196A	KAF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-26
Client ID: FB_06282024_2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Field Blank

Date Collected: 06/28/24 12:55
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	07/09/24 17:05	07/10/24 12:35	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/29/24 07:55	06/29/24 08:15	1,7196A	KAF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-27
Client ID: DUP_06282024_1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 12:00
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.9		%	0.100	NA	1	-	06/29/24 08:22	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.965	0.193	1	07/08/24 09:55	07/08/24 17:36	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2437014-28
Client ID: DUP_06282024_2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 12:05
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	06/29/24 08:22	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	07/08/24 20:10	07/09/24 13:52	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.977	0.195	1	07/08/24 09:55	07/08/24 17:36	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437014
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 25-26 Batch: WG1941140-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/29/24 07:55	06/29/24 08:10	1,7196A	KAF
General Chemistry - Westborough Lab for sample(s): 01-02,05-06,09-10,13-14 Batch: WG1944191-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	07/08/24 09:55	07/08/24 16:30	1,7196A	LOF
General Chemistry - Westborough Lab for sample(s): 17-18,21-22,27-28 Batch: WG1944193-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	07/08/24 09:55	07/08/24 17:36	1,7196A	LOF
General Chemistry - Westborough Lab for sample(s): 02,14 Batch: WG1944462-1										
Cyanide, Total	ND		mg/kg	0.96	0.20	1	07/08/24 16:50	07/09/24 12:40	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 06,10,18,22,28 Batch: WG1944528-1										
Cyanide, Total	ND		mg/kg	0.83	0.18	1	07/08/24 20:10	07/09/24 13:31	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 26 Batch: WG1944951-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	07/09/24 17:05	07/10/24 12:13	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 25-26 Batch: WG1941140-2								
Chromium, Hexavalent	96		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14 Batch: WG1944191-2								
Chromium, Hexavalent	**79**	Q	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 17-18,21-22,27-28 Batch: WG1944193-2								
Chromium, Hexavalent	**79**	Q	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,14 Batch: WG1944462-2 WG1944462-3								
Cyanide, Total	**74**	Q	84		80-120	12		35
General Chemistry - Westborough Lab Associated sample(s): 06,10,18,22,28 Batch: WG1944528-2 WG1944528-3								
Cyanide, Total	81		96		80-120	19		35
General Chemistry - Westborough Lab Associated sample(s): 26 Batch: WG1944951-2 WG1944951-3								
Cyanide, Total	96		91		85-115	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 25-26 QC Batch ID: WG1941140-4 QC Sample: L2437014-26 Client ID: FB_06282024_2												
Chromium, Hexavalent	ND	0.1	0.099	99		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14 QC Batch ID: WG1944191-4 WG1944191-5 QC Sample: L2437014-14 Client ID: I12_0.2-2												
Chromium, Hexavalent	ND	1240	1090	88		1250	90		75-125	14		20
General Chemistry - Westborough Lab Associated sample(s): 17-18,21-22,27-28 QC Batch ID: WG1944193-4 WG1944193-5 QC Sample: L2437014-17 Client ID: I13_0-0.2												
Chromium, Hexavalent	ND	1570	1080	**69**	Q	1190	**71**	Q	75-125	10		20
General Chemistry - Westborough Lab Associated sample(s): 02,14 QC Batch ID: WG1944462-4 WG1944462-5 QC Sample: L2437014-14 Client ID: I12_0.2-2												
Cyanide, Total	ND	11	11	100		12	100		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 06,10,18,22,28 QC Batch ID: WG1944528-4 WG1944528-5 QC Sample: L2437277-01 Client ID: MS Sample												
Cyanide, Total	ND	11	12	110		11	100		75-125	9		35
General Chemistry - Westborough Lab Associated sample(s): 06,10,18,22,28 QC Batch ID: WG1944528-6 WG1944528-7 QC Sample: L2437277-02 Client ID: MS Sample												
Cyanide, Total	ND	11	12	110		11	100		75-125	9		35
General Chemistry - Westborough Lab Associated sample(s): 26 QC Batch ID: WG1944951-4 WG1944951-5 QC Sample: L2437048-01 Client ID: MS Sample												
Cyanide, Total	0.002J	0.2	0.186	93		0.208	104		80-120	11		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437014

Report Date: 07/11/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13 QC Batch ID: WG1941123-1 QC Sample: L2435879-01 Client ID: DUP Sample						
Solids, Total	96.9	97.1	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 14,17-18,21-22,27-28 QC Batch ID: WG1941124-1 QC Sample: L2437014-14 Client ID: I12_0.2-2						
Solids, Total	85.4	86.0	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 25-26 QC Batch ID: WG1941140-3 QC Sample: L2437014-25 Client ID: FB_06282024_1						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06,09-10,13-14 QC Batch ID: WG1944191-7 QC Sample: L2437014-14 Client ID: I12_0.2-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 17-18,21-22,27-28 QC Batch ID: WG1944193-7 QC Sample: L2437014-17 Client ID: I13_0-0.2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent
E	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437014-01A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2437014-01B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-01C	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-02A	5 gram Encore Sampler	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-02B	5 gram Encore Sampler	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-02C	5 gram Encore Sampler	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-02D	Plastic 2oz unpreserved for TS	D	NA		2.7	Y	Absent		TS(7)
L2437014-02E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2437014-02F	Glass 120ml/4oz unpreserved	D	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-02G	Glass 500ml/16oz unpreserved	D	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-02X	Vial MeOH preserved split	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437014-02Y	Vial Water preserved split	D	NA		2.7	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)
L2437014-02Z	Vial Water preserved split	D	NA		2.7	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)
L2437014-03A	Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		HOLD-METAL(180)
L2437014-03B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-03C	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-04A	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		HOLD-METAL(180)
L2437014-04B	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-04C	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-05A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2437014-05B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-05C	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-06A	5 gram Encore Sampler	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-06B	5 gram Encore Sampler	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-06C	5 gram Encore Sampler	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-06D	Plastic 2oz unpreserved for TS	D	NA		2.7	Y	Absent		TS(7)
L2437014-06E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2437014-06F	Glass 120ml/4oz unpreserved	D	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-06G	Glass 500ml/16oz unpreserved	D	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-06X	Vial MeOH preserved split	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-06Y	Vial Water preserved split	D	NA		2.7	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437014-06Z	Vial Water preserved split	D	NA		2.7	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)
L2437014-07A	Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		HOLD-METAL(180)
L2437014-07B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-07C	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-08A	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		HOLD-METAL(180)
L2437014-08B	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-08C	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-09A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2437014-09B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-09C	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-10A	5 gram Encore Sampler	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-10B	5 gram Encore Sampler	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-10C	5 gram Encore Sampler	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-10D	Plastic 2oz unpreserved for TS	D	NA		2.7	Y	Absent		TS(7)
L2437014-10E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2437014-10F	Glass 120ml/4oz unpreserved	D	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-10G	Glass 500ml/16oz unpreserved	D	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-10X	Vial MeOH preserved split	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-10Y	Vial Water preserved split	D	NA		2.7	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)
L2437014-10Z	Vial Water preserved split	D	NA		2.7	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437014-11A	Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		HOLD-METAL(180)
L2437014-11B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-11C	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-12A	Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		HOLD-METAL(180)
L2437014-12B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-12C	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-13A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2437014-13B	Glass 120ml/4oz unpreserved	D	NA		2.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-13C	Glass 250ml/8oz unpreserved	D	NA		2.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-14A	5 gram Encore Sampler	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-14A1	5 gram Encore Sampler	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2437014-14A2	5 gram Encore Sampler	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2437014-14B	5 gram Encore Sampler	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-14B1	5 gram Encore Sampler	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2437014-14B2	5 gram Encore Sampler	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2437014-14C	5 gram Encore Sampler	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-14C1	5 gram Encore Sampler	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2437014-14C2	5 gram Encore Sampler	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2437014-14D	Plastic 2oz unpreserved for TS	D	NA		2.7	Y	Absent		TS(7)
L2437014-14D1	Plastic 2oz unpreserved for TS	C	NA		4.6	Y	Absent		TS(7)
L2437014-14D2	Plastic 2oz unpreserved for TS	C	NA		4.6	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437014-14E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2437014-14E1	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2437014-14E2	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2437014-14F	Glass 120ml/4oz unpreserved	D	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-14F1	Glass 120ml/4oz unpreserved	C	NA		4.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-14F2	Glass 120ml/4oz unpreserved	C	NA		4.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-14G	Glass 500ml/16oz unpreserved	D	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-14G1	Glass 500ml/16oz unpreserved	C	NA		4.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-14G2	Glass 500ml/16oz unpreserved	C	NA		4.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-14X	Vial MeOH preserved split	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-14X1	Vial MeOH preserved split	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2437014-14X2	Vial MeOH preserved split	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2437014-14Y	Vial Water preserved split	D	NA		2.7	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)
L2437014-14Y1	Vial Water preserved split	C	NA		4.6	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)
L2437014-14Y2	Vial Water preserved split	C	NA		4.6	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)
L2437014-14Z	Vial Water preserved split	D	NA		2.7	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437014-14Z1	Vial Water preserved split	C	NA		4.6	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)
L2437014-14Z2	Vial Water preserved split	C	NA		4.6	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)
L2437014-15A	Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		HOLD-METAL(180)
L2437014-15B	Glass 120ml/4oz unpreserved	D	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-15C	Glass 250ml/8oz unpreserved	D	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-16A	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		HOLD-METAL(180)
L2437014-16B	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-16C	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-17A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2437014-17A1	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2437014-17A2	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2437014-17B	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-17B1	Glass 120ml/4oz unpreserved	C	NA		4.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-17B2	Glass 120ml/4oz unpreserved	D	NA		2.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-17C	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-17C1	Glass 250ml/8oz unpreserved	C	NA		4.6	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-17C2	Glass 250ml/8oz unpreserved	D	NA		2.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-18A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437014-18B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2437014-18C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2437014-18D	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2437014-18E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2437014-18F	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-18G	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-18X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2437014-18Y	Vial Water preserved split	A	NA		4.3	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)
L2437014-18Z	Vial Water preserved split	A	NA		4.3	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)
L2437014-19A	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		HOLD-METAL(180)
L2437014-19B	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-19C	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-20A	Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		HOLD-METAL(180)
L2437014-20B	Glass 120ml/4oz unpreserved	D	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-20C	Glass 250ml/8oz unpreserved	D	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-21A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2437014-21B	Glass 120ml/4oz unpreserved	D	NA		2.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-21C	Glass 250ml/8oz unpreserved	D	NA		2.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-22A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2437014-22B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437014-22C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2437014-22D	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2437014-22E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2437014-22F	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-22G	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-22X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2437014-22Y	Vial Water preserved split	A	NA		4.3	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)
L2437014-22Z	Vial Water preserved split	A	NA		4.3	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)
L2437014-23A	Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		HOLD-METAL(180)
L2437014-23B	Glass 120ml/4oz unpreserved	D	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-23C	Glass 250ml/8oz unpreserved	D	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-24A	Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		HOLD-METAL(180)
L2437014-24B	Glass 120ml/4oz unpreserved	D	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-24C	Glass 250ml/8oz unpreserved	D	NA		2.7	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14)
L2437014-25A	Amber 120ml unpreserved	D	7	7	2.7	Y	Absent		NYTCL-8081(7)
L2437014-25B	Amber 120ml unpreserved	D	7	7	2.7	Y	Absent		NYTCL-8081(7)
L2437014-25C	Plastic 250ml HNO3 preserved	D	<2	<2	2.7	Y	Absent		SE-6020T(180),TL-6020T(180),FE-6020T(180),BA-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2437014-25D	Plastic 250ml unpreserved	D	7	7	2.7	Y	Absent		HEXCR-7196(1)
L2437014-25E	Amber 1000ml unpreserved	D	7	7	2.7	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437014-25F	Amber 1000ml unpreserved	D	7	7	2.7	Y	Absent		HERB-APA(7)
L2437014-26A	Vial HCl preserved	C	NA		4.6	Y	Absent		NYTCL-8260(14)
L2437014-26B	Vial HCl preserved	C	NA		4.6	Y	Absent		NYTCL-8260(14)
L2437014-26C	Vial HCl preserved	C	NA		4.6	Y	Absent		NYTCL-8260(14)
L2437014-26D	Amber 100ml unpreserved	C	7	7	4.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2437014-26E	Amber 100ml unpreserved	C	7	7	4.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2437014-26F	Amber 120ml unpreserved	C	7	7	4.6	Y	Absent		NYTCL-8082-LVI(365)
L2437014-26G	Amber 120ml unpreserved	C	7	7	4.6	Y	Absent		NYTCL-8082-LVI(365)
L2437014-26H	Amber 120ml unpreserved	C	7	7	4.6	Y	Absent		NYTCL-8081(7)
L2437014-26J	Amber 120ml unpreserved	C	7	7	4.6	Y	Absent		NYTCL-8081(7)
L2437014-26K	Plastic 250ml HNO3 preserved	C	<2	<2	4.6	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),AG-6020T(180),MG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2437014-26L	Plastic 250ml NaOH preserved	C	>12	>12	4.6	Y	Absent		TCN-9010(14)
L2437014-26M	Plastic 250ml unpreserved	C	7	7	4.6	Y	Absent		HEXCR-7196(1)
L2437014-26N	Amber 250ml unpreserved	C	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2437014-26O	Amber 250ml unpreserved	C	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2437014-26P	Amber 1000ml unpreserved	C	7	7	4.6	Y	Absent		HERB-APA(7)
L2437014-27A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2437014-27B	Glass 120ml/4oz unpreserved	D	NA		2.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-27C	Glass 250ml/8oz unpreserved	D	NA		2.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2437014-28A	5 gram Encore Sampler	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-28B	5 gram Encore Sampler	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437014
Report Date: 07/11/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437014-28C	5 gram Encore Sampler	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-28D	Plastic 2oz unpreserved for TS	D	NA		2.7	Y	Absent		TS(7)
L2437014-28E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2437014-28F	Glass 120ml/4oz unpreserved	D	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-28G	Glass 500ml/16oz unpreserved	D	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2437014-28X	Vial MeOH preserved split	D	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2437014-28Y	Vial Water preserved split	D	NA		2.7	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)
L2437014-28Z	Vial Water preserved split	D	NA		2.7	Y	Absent	29-JUN-24 07:31	NYTCL-8260HLW(14)
L2437014-29A	Vial HCl preserved	D	NA		2.7	Y	Absent		NYTCL-8260(14)
L2437014-29B	Vial HCl preserved	D	NA		2.7	Y	Absent		NYTCL-8260(14)

Container Comments

L2437014-26M	Incorrect ID on container

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437014
Project Number:	3858.0004Y000	**Report Date:**	07/11/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437014
Project Number:	3858.0004Y000	**Report Date:**	07/11/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437014
Project Number:	3858.0004Y000	**Report Date:**	07/11/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437014
Project Number:	3858.0004Y000	**Report Date:**	07/11/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 6/29/24

ALPHA Job #: 22437024

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
37014-01	I9-0-0.2	6/28/24	0900	S	EL			X	X	X	X				3
-02	I9-0.2-2		0905	S	EL	X	X	X	X	X	X	X	X		7
-03	I9-2-4		0910	S	EL			H	H	H	H			H20	3
-04	I9-4-6		0915	S	EL			H	H	H	H			H20	3
-05	I10-0-0.2		0930	S	EL			X	X	X	X				3
-06	I10-0.2-2		0935	S	EL	X	X	X	X	X	X	X	X		7
-07	I10-2-4		0940	S	EL			H	H	H	H			H20	3
-08	I10-4-6		0945	S	EL			H	H	H	H			H20	3
-09	I11-0-0.2		1000	S	EL			X	X	X	X				3
-10	I11-0.2-2		1005	S	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/28/24 1440	SSMI Pail	6-28-24 1446
	6-28-24 1816		6/28/24 1840
	6/29/24		6/29/24 01:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 3

Date Rec'd in Lab: 6/29/24

ALPHA Job #: L2937014

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottle
37014-11	I11-2-4	6/28/24	1010	S	EL			H	H	H	H			HOLD	3
-12	I11-4-6		1015	S	EL			H	H	H	H			HOLD	3
-13	I12-0-0.2		1120	S	EL			X	X	X	X				3
-14	I12-0.2-2		1125	S	EL	X	X	X	X	X	X	X	X	MS/MSD	21
-15	I12-2-4		1130	S	EL			H	H	H	H			HOLD	3
-16	I12-4-6		1135	S	EL			H	H	H	H			HOLD	3
-17	I13-0-0.2		1210	S	EL			X	X	X	X			MS/MSD	9
-18	I13-0.2-2		1215	S	EL	X	X	X	X	X	X	X	X		7
-19	I13-2-4		1220	S	EL			H	H	H	H			HOLD	3
-20	I13-4-6		1225	S	EL			H	H	H	H			HOLD	3

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A	
Preservative	A	A	A	A	A	A	A	A	

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/28/24 1410	SSMZ Pace	6-28-24 1446
SSMZ	6-28-24 1916		6/28/24 18:40
	6/29/24		6/29/24 01:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 4 ~~3~~ of 3

Date Rec'd in Lab: 6/29/24

ALPHA Job #: L2437014

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☑ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottle
37014-21	IM-0-0.2	6/28/24	1300	S	EL			X	X	X	X				3
-22	IM-0.2-2		1305	S	EL	X	X	X	X	X	X	X	X		7
-23	IM-2-4		1310	S	EL			H	H	H	H			HOLD	3
-24	IM-4-6		1315	S	EL			H	H	H	H			HOLD	3
-25	FB-06282024-1		1345	W	EL			X	X	X	X				6
-26	FB-06282024-2		1355	W	EL	X	X	X	X	X	X	X	X		15
-27	DUP-06282024-1		1200	S	EL			X	X	X	X				3
-28	DUP-06282024-2		1205	S	EL	X	X	X	X	X	X	X	X		7
-29	TB-06282024	6/26/24	—	W	EL	X									2
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/28/24 1410	SGNC pace	6-28-24 1446
SGNC	6-28-24 1816		6/28/24 18:40
	6/29/24		6/29/24 01:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2437190
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/09/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437190
Report Date: 07/09/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2437190-01	E3_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 08:45	06/18/24
L2437190-02	E6_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 10:50	06/18/24
L2437190-03	E10_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/18/24 13:25	06/18/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437190
Project Number:	3858.0004Y000	**Report Date:**	07/09/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437190
Project Number:	3858.0004Y000	**Report Date:**	07/09/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2437190-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 07/09/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437190
Report Date: 07/09/24

SAMPLE RESULTS

Lab ID: L2437190-03
Client ID: E10_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/18/24 13:25
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/24 12:20
Analyst: MMG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 07/01/24 22:33
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.700	0.313	1	A
Alpha-BHC	ND		ug/kg	0.700	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.638	1	A
Heptachlor	ND		ug/kg	0.841	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.946	1	A
Endrin	ND		ug/kg	0.700	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.736	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.525	1	A
4,4'-DDE	0.570	J	ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.600	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	B
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.700	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.981	1	A
Toxaphene	ND		ug/kg	31.5	8.83	1	A
cis-Chlordane	ND		ug/kg	2.10	0.586	1	A
trans-Chlordane	ND		ug/kg	2.10	0.555	1	A
Chlordane	ND		ug/kg	14.0	5.57	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437190

Project Number: 3858.0004Y000 **Report Date:** 07/09/24

SAMPLE RESULTS

Lab ID: L2437190-03 Date Collected: 06/18/24 13:25

Client ID: E10_4-6 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	111		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437190
Report Date: 07/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/02/24 11:18
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/01/24 22:23
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1941954-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.654	0.292	A
Alpha-BHC	ND		ug/kg	0.654	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.595	A
Heptachlor	ND		ug/kg	0.784	0.352	A
Aldrin	ND		ug/kg	1.57	0.552	A
Heptachlor epoxide	ND		ug/kg	2.94	0.882	A
Endrin	ND		ug/kg	0.654	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.686	A
Endrin ketone	ND		ug/kg	1.57	0.404	A
Dieldrin	ND		ug/kg	0.980	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.559	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.370	A
Endosulfan II	ND		ug/kg	1.57	0.524	A
Endosulfan sulfate	ND		ug/kg	0.654	0.311	A
Methoxychlor	ND		ug/kg	2.94	0.915	A
Toxaphene	ND		ug/kg	29.4	8.24	A
cis-Chlordane	ND		ug/kg	1.96	0.546	A
trans-Chlordane	ND		ug/kg	1.96	0.518	A
Chlordane	ND		ug/kg	13.1	5.20	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437190
Report Date: 07/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/02/24 11:18
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/01/24 22:23
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1941954-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	129		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437190

Report Date: 07/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1941954-2 WG1941954-3									
Delta-BHC	82		79		30-150	4		30	A
Lindane	81		74		30-150	9		30	A
Alpha-BHC	83		75		30-150	10		30	A
Beta-BHC	79		74		30-150	7		30	A
Heptachlor	81		74		30-150	9		30	A
Aldrin	85		78		30-150	9		30	A
Heptachlor epoxide	86		78		30-150	10		30	A
Endrin	98		91		30-150	7		30	A
Endrin aldehyde	88		80		30-150	10		30	A
Endrin ketone	98		90		30-150	9		30	A
Dieldrin	103		96		30-150	7		30	A
4,4'-DDE	96		88		30-150	9		30	A
4,4'-DDD	106		99		30-150	7		30	A
4,4'-DDT	103		96		30-150	7		30	A
Endosulfan I	90		83		30-150	8		30	A
Endosulfan II	96		88		30-150	9		30	A
Endosulfan sulfate	99		91		30-150	8		30	A
Methoxychlor	117		109		30-150	7		30	A
cis-Chlordane	88		81		30-150	8		30	A
trans-Chlordane	98		90		30-150	9		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437190

Report Date: 07/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1941954-2 WG1941954-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		63		30-150	A
Decachlorobiphenyl	96		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		64		30-150	B
Decachlorobiphenyl	113		105		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437190

Project Number: 3858.0004Y000 **Report Date:** 07/09/24

SAMPLE RESULTS

Lab ID: L2437190-01 Date Collected: 06/18/24 08:45

Client ID: E3_4-6 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17900		mg/kg	8.71	2.35	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	4.36	0.331	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Arsenic, Total	0.742	J	mg/kg	0.871	0.181	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Barium, Total	92.6		mg/kg	0.871	0.152	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.506		mg/kg	0.436	0.029	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.871	0.085	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Calcium, Total	1010		mg/kg	8.71	3.05	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Chromium, Total	28.1		mg/kg	0.871	0.084	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Cobalt, Total	15.9		mg/kg	1.74	0.145	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Copper, Total	31.7		mg/kg	0.871	0.225	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Iron, Total	31800		mg/kg	4.36	0.787	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Lead, Total	7.70		mg/kg	4.36	0.234	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Magnesium, Total	8140		mg/kg	8.71	1.34	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Manganese, Total	307		mg/kg	0.871	0.138	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.081	0.053	1	07/03/24 12:13	07/08/24 18:23	EPA 7471B	1,7471B	JWN
Nickel, Total	24.2		mg/kg	2.18	0.211	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Potassium, Total	4200		mg/kg	218	12.5	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.74	0.225	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.436	0.247	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Sodium, Total	76.7	J	mg/kg	174	2.74	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Thallium, Total	1.03	J	mg/kg	1.74	0.274	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Vanadium, Total	34.3		mg/kg	0.871	0.177	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA
Zinc, Total	79.9		mg/kg	4.36	0.255	2	07/03/24 10:28	07/08/24 17:41	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437190

Project Number: 3858.0004Y000 **Report Date:** 07/09/24

SAMPLE RESULTS

Lab ID: L2437190-02 Date Collected: 06/18/24 10:50

Client ID: E6_4-6 Date Received: 06/18/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14300		mg/kg	9.14	2.47	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	4.57	0.347	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Arsenic, Total	1.27		mg/kg	0.914	0.190	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Barium, Total	84.9		mg/kg	0.914	0.159	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.414	J	mg/kg	0.457	0.030	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.914	0.090	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Calcium, Total	749		mg/kg	9.14	3.20	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Chromium, Total	23.6		mg/kg	0.914	0.088	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Cobalt, Total	10.8		mg/kg	1.83	0.152	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Copper, Total	27.6		mg/kg	0.914	0.236	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Iron, Total	22300		mg/kg	4.57	0.826	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Lead, Total	4.95		mg/kg	4.57	0.245	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Magnesium, Total	5370		mg/kg	9.14	1.41	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Manganese, Total	470		mg/kg	0.914	0.145	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.093	0.061	1	07/03/24 12:13	07/08/24 18:26	EPA 7471B	1,7471B	JWN
Nickel, Total	19.1		mg/kg	2.28	0.221	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Potassium, Total	3360		mg/kg	228	13.2	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.83	0.236	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.457	0.259	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Sodium, Total	56.6	J	mg/kg	183	2.88	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Thallium, Total	0.926	J	mg/kg	1.83	0.288	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Vanadium, Total	35.2		mg/kg	0.914	0.186	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA
Zinc, Total	48.3		mg/kg	4.57	0.268	2	07/03/24 10:28	07/08/24 17:45	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437190

Project Number: 3858.0004Y000 **Report Date:** 07/09/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1942659-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Arsenic, Total	0.086	J	mg/kg	0.400	0.083	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Barium, Total	ND		mg/kg	0.400	0.070	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Copper, Total	ND		mg/kg	0.400	0.103	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Iron, Total	1.74	J	mg/kg	2.00	0.361	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Lead, Total	ND		mg/kg	2.00	0.107	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Potassium, Total	ND		mg/kg	100	5.76	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Silver, Total	ND		mg/kg	0.200	0.113	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Sodium, Total	ND		mg/kg	80.0	1.26	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/03/24 10:28	07/08/24 16:19	1,6010D	TAA

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1942664-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/03/24 10:54	07/08/24 17:03	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437190
Report Date: 07/09/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437190

Report Date: 07/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1942659-2								
Aluminum, Total	96		-		80-120	-		
Antimony, Total	99		-		80-120	-		
Arsenic, Total	96		-		80-120	-		
Barium, Total	94		-		80-120	-		
Beryllium, Total	96		-		80-120	-		
Cadmium, Total	94		-		80-120	-		
Calcium, Total	95		-		80-120	-		
Chromium, Total	97		-		80-120	-		
Cobalt, Total	97		-		80-120	-		
Copper, Total	98		-		80-120	-		
Iron, Total	95		-		80-120	-		
Lead, Total	96		-		80-120	-		
Magnesium, Total	97		-		80-120	-		
Manganese, Total	92		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	96		-		80-120	-		
Selenium, Total	95		-		80-120	-		
Silver, Total	97		-		80-120	-		
Sodium, Total	96		-		80-120	-		
Thallium, Total	95		-		80-120	-		
Vanadium, Total	98		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437190

Report Date: 07/09/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1942659-2					
Zinc, Total	95	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1942664-2					
Mercury, Total	99	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437190
Report Date: 07/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1942659-3 QC Sample: L2436861-02 Client ID: MS Sample												
Aluminum, Total	8310	204	9630	**647**	Q	-	-		75-125	-		20
Antimony, Total	ND	51	43.3	85		-	-		75-125	-		20
Arsenic, Total	11.1	12.2	23.1	98		-	-		75-125	-		20
Barium, Total	80.6	204	269	92		-	-		75-125	-		20
Beryllium, Total	0.594	5.1	5.39	94		-	-		75-125	-		20
Cadmium, Total	0.147J	5.41	4.96	92		-	-		75-125	-		20
Calcium, Total	3500	1020	4170	**66**	Q	-	-		75-125	-		20
Chromium, Total	12.2	20.4	32.4	99		-	-		75-125	-		20
Cobalt, Total	7.12	51	53.3	90		-	-		75-125	-		20
Copper, Total	16.6	25.5	42.4	101		-	-		75-125	-		20
Iron, Total	18800	102	19000	**196**	Q	-	-		75-125	-		20
Lead, Total	17.7	54.1	68.8	94		-	-		75-125	-		20
Magnesium, Total	2280	1020	3370	107		-	-		75-125	-		20
Manganese, Total	230	51	236	**12**	Q	-	-		75-125	-		20
Nickel, Total	14.0	51	60.1	90		-	-		75-125	-		20
Potassium, Total	758	1020	1750	97		-	-		75-125	-		20
Selenium, Total	0.487J	12.2	11.1	91		-	-		75-125	-		20
Silver, Total	ND	5.1	5.04	99		-	-		75-125	-		20
Sodium, Total	26.7J	1020	970	95		-	-		75-125	-		20
Thallium, Total	ND	12.2	11.4	93		-	-		75-125	-		20
Vanadium, Total	20.0	51	69.8	98		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437190
Report Date: 07/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1942659-3 QC Sample: L2436861-02 Client ID: MS Sample									
Zinc, Total	52.4	51	101	95	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1942664-3 QC Sample: L2436866-01 Client ID: MS Sample									
Mercury, Total	0.092J	2.1	2.17	104	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437190

Report Date: 07/09/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1942659-4 QC Sample: L2436861-02 Client ID: DUP Sample						
Lead, Total	17.7	17.8	mg/kg	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1942664-4 QC Sample: L2436866-01 Client ID: DUP Sample						
Mercury, Total	0.092J	0.074J	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437190
Report Date: 07/09/24

SAMPLE RESULTS

Lab ID: L2437190-01
Client ID: E3_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 08:45
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	07/02/24 10:22	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437190
Report Date: 07/09/24

SAMPLE RESULTS

Lab ID: L2437190-02
Client ID: E6_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 10:50
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	07/02/24 10:22	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437190
Report Date: 07/09/24

SAMPLE RESULTS

Lab ID: L2437190-03
Client ID: E10_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/24 13:25
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	07/02/24 10:22	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437190

Report Date: 07/09/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1942119-1 QC Sample: L2434467-04 Client ID: DUP Sample						
Solids, Total	48.7	49.8	%	2		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437190
Report Date: 07/09/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437190-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2437190-01B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		TS(7)
L2437190-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2437190-02B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		TS(7)
L2437190-03A	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437190
Project Number:	3858.0004Y000	**Report Date:**	07/09/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437190
Project Number:	3858.0004Y000	**Report Date:**	07/09/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437190
Project Number:	3858.0004Y000	**Report Date:**	07/09/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437190
Project Number:	3858.0004Y000	**Report Date:**	07/09/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 6/19/24

L2437190 DJL 7/1/24

ALPHA Job #: L2434335

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	NYTCL-8081	TAL	Sample Specific Comments	Total Bottles
L2434335-01	E3-0-0.2	6/18/24	0830	S	EL			X	X	X	X				3
-02	E3-0.2-2		0835	S	EL	X	X	X	X	X	X				7
-03	E3-2-4		0840	S	EL			H	H	H	H			HOLD	3
37190 -01	E3-4-6		0845	X	EL			H	H	H	H		X	HOLD	3
-05	E4-0-0.2		1000	S	EL			X	X	X	X				3
-06	E4-0.2-2		1005	S	EL	X	X	X	X	X	X				7
-07	E4-2-4		1010	S	EL			H	H	H	H			HOLD	3
-08	E4-4-6		1015	S	EL			H	H	H	H			HOLD	3
-09	E6-0-0.2		1035	S	EL			X	X	X	X				3
-10	E6-0.2-2		1040	S	EL	X	X	X	X	X	X				7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/18/24 1440	Rice	6/18/24 1445
NJSC	6/18/24 1717	NJSC	6/18/24 1717
	6/18/24		6/18/24 18.50
	6/19 KO		6/18 2200
			6/19/24 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 3

Date Rec'd in Lab: 6/19/24

L2437190 DJL 7/1/24
ALPHA Job #: L2437190

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	NYTCL-8081	TAL	Sample Specific Comments	Total Bottles
34935-11 / 37190-02	E6-2-4	6/18/24	1045	S	EL			H	H	H	H			HOLD	3
	E6-4-6		1050	S	EL			H	H	H	H		X	HOLD	3
	E7-0-0.2		1105	S	EL			X	X	X	X				3
	E7-0.2-2		1110	S	EL	X	X	X	X	X	X				7
	E9-0-0.2		1225	S	EL			X	X	X	X				3
	E9-0.2-2		1230	S	EL	X	X	X	X	X	X				7
	E9-2-4		1235	S	EL			H	H	H	H			HOLD	3
	E9-4-6		1240	S	EL			H	H	H	H			HOLD	3
	E10-0-0.2		1310	S	EL			X	X	X	X				3
	E10-0.2-2		1315	S	EL	X	X	X	X	X	X				7

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A	
Preservative	A	A	A	A	A	A	A	A	

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/18/24 1440	Pace	6/18/24 1445
NYSC	6/18/24 1717	NYSC	6/18/24 1717
	6/18/24		6/18/24 18:5
	6/18/24		6/18 2200
	6/19		6/19/24 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 3

Date Rec'd in Lab: 6/19/24

L2437190 DJL 7/1/24
ALPHA Job #: ~~L2434335~~

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	NYTCL-8081	TAL	Sample Specific Comments	Total Bottles
~~34335~~ -01	[redacted] EID-2-4	6/18/24	1320	S	EL			H	H	H	H			HOLD	3
37190 -03	EID-4-6		1325	S	EL			H	H	H	H	X		HOLD	3
~~-04~~	EII-0-0.2			S	EL			X	X	X	X				3
~~-05~~	EII-0.2-2			S	EL	X	X	X	X	X	X				7
~~-06~~	EII-2-4			S	EL			H	H	H	H			HOLD	3
~~-07~~	EII-4-6			S	EL			H	H	H	H			HOLD	3
~~-08~~	TB-06182024	6/18/24	—	W	EL	X									

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/18/24 1440	[signature] Pace	6/18/24 1445
[signature] NJSC	6/18/24 1717	NJSC	6/18/24 1719
	6/18/24		6/18/24 1852
[signature]	6/19 140	[signature]	6/19/24 2200
			6/19/24 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2437361
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/03/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437361
Report Date: 07/03/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2437361-01	F11_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 09:10	06/20/24
L2437361-02	F10_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 09:55	06/20/24
L2437361-03	F9_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 10:40	06/20/24
L2437361-04	F8_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 11:10	06/20/24
L2437361-05	F7_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 12:50	06/20/24
L2437361-06	F6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 13:25	06/20/24
L2437361-07	F5_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/20/24 14:10	06/20/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437361
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437361
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2437361-01, -02, -04 and -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1942302-3 MS recoveries for aluminum (0%), iron (0%), magnesium (26%), manganese (0%), performed on L2437361-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1942302-3 MS recoveries, performed on L2437361-01, are outside the acceptance criteria for arsenic (72%), calcium (50%), and potassium (72%). A post digestion spike was performed and was within acceptance criteria.

The WG1942302-3 MS recoveries, performed on L2437361-01, are outside the acceptance criteria for antimony (74%) and selenium (67%). A post digestion spike was performed and yielded unacceptable recoveries for antimony (74%) and selenium (72%). The serial dilution recoveries were not applicable; therefore, these elements fail the matrix test and the results reported in the native sample should be considered estimated.

The WG1942302-4 Laboratory Duplicate RPD for calcium (27%), performed on L2437361-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 07/03/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437361
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-01
Client ID: F11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:10
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/24 08:42
Analyst: MMG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.717	0.320	1	A
Alpha-BHC	ND		ug/kg	0.717	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.860	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.606	1	A
Heptachlor epoxide	2.29	J	ug/kg	3.23	0.968	1	B
Endrin	ND		ug/kg	0.717	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.753	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	0.723	J	ug/kg	1.08	0.538	1	A
4,4'-DDE	0.418	J	ug/kg	1.72	0.398	1	A
4,4'-DDD	ND		ug/kg	1.72	0.614	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.575	1	A
Endosulfan sulfate	ND		ug/kg	0.717	0.341	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.03	1	A
cis-Chlordane	0.923	JIP	ug/kg	2.15	0.599	1	B
trans-Chlordane	1.91	JIP	ug/kg	2.15	0.568	1	B
Chlordane	ND		ug/kg	14.3	5.70	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437361

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-01 Date Collected: 06/20/24 09:10

Client ID: F11_2-4 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437361
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-02
Client ID: F10_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 09:55
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/24 08:53
Analyst: MMG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.342	1	A
Lindane	ND		ug/kg	0.727	0.325	1	A
Alpha-BHC	ND		ug/kg	0.727	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.662	1	A
Heptachlor	ND		ug/kg	0.872	0.391	1	A
Aldrin	ND		ug/kg	1.74	0.614	1	A
Heptachlor epoxide	ND		ug/kg	3.27	0.981	1	A
Endrin	ND		ug/kg	0.727	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.763	1	A
Endrin ketone	ND		ug/kg	1.74	0.449	1	A
Dieldrin	ND		ug/kg	1.09	0.545	1	A
4,4'-DDE	ND		ug/kg	1.74	0.403	1	B
4,4'-DDD	ND		ug/kg	1.74	0.622	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.412	1	A
Endosulfan II	ND		ug/kg	1.74	0.583	1	A
Endosulfan sulfate	ND		ug/kg	0.727	0.346	1	A
Methoxychlor	ND		ug/kg	3.27	1.02	1	A
Toxaphene	ND		ug/kg	32.7	9.16	1	A
cis-Chlordane	ND		ug/kg	2.18	0.608	1	A
trans-Chlordane	ND		ug/kg	2.18	0.576	1	A
Chlordane	ND		ug/kg	14.5	5.78	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437361

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-02 Date Collected: 06/20/24 09:55

Client ID: F10_2-4 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437361
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-03
Client ID: F9_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 10:40
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/24 09:04
Analyst: MMG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.714	0.319	1	A
Alpha-BHC	ND		ug/kg	0.714	0.203	1	A
Beta-BHC	ND		ug/kg	1.71	0.650	1	A
Heptachlor	ND		ug/kg	0.856	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.603	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.964	1	A
Endrin	ND		ug/kg	0.714	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.749	1	A
Endrin ketone	ND		ug/kg	1.71	0.441	1	A
Dieldrin	ND		ug/kg	1.07	0.535	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.611	1	A
4,4'-DDT	ND		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.405	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.714	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	0.999	1	A
Toxaphene	ND		ug/kg	32.1	8.99	1	A
cis-Chlordane	ND		ug/kg	2.14	0.597	1	A
trans-Chlordane	ND		ug/kg	2.14	0.565	1	A
Chlordane	ND		ug/kg	14.3	5.67	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437361

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-03 Date Collected: 06/20/24 10:40

Client ID: F9_2-4 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437361
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-04
Client ID: F8_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 11:10
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/24 09:16
Analyst: MMG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.338	1	A
Lindane	ND		ug/kg	0.720	0.322	1	A
Alpha-BHC	ND		ug/kg	0.720	0.204	1	A
Beta-BHC	ND		ug/kg	1.73	0.655	1	A
Heptachlor	ND		ug/kg	0.864	0.387	1	A
Aldrin	ND		ug/kg	1.73	0.608	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.972	1	A
Endrin	ND		ug/kg	0.720	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.756	1	A
Endrin ketone	ND		ug/kg	1.73	0.445	1	A
Dieldrin	ND		ug/kg	1.08	0.540	1	A
4,4'-DDE	ND		ug/kg	1.73	0.400	1	B
4,4'-DDD	ND		ug/kg	1.73	0.616	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.577	1	A
Endosulfan sulfate	ND		ug/kg	0.720	0.343	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.07	1	A
cis-Chlordane	ND		ug/kg	2.16	0.602	1	A
trans-Chlordane	ND		ug/kg	2.16	0.570	1	A
Chlordane	ND		ug/kg	14.4	5.72	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437361

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-04 Date Collected: 06/20/24 11:10

Client ID: F8_2-4 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437361
Project Number: 3858.0004Y000
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-05
Client ID: F7_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 12:50
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/24 09:27
Analyst: MMG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.322	1	A
Lindane	ND		ug/kg	0.686	0.307	1	A
Alpha-BHC	ND		ug/kg	0.686	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.624	1	A
Heptachlor	ND		ug/kg	0.823	0.369	1	A
Aldrin	ND		ug/kg	1.65	0.580	1	A
Heptachlor epoxide	ND		ug/kg	3.09	0.926	1	A
Endrin	ND		ug/kg	0.686	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.720	1	A
Endrin ketone	ND		ug/kg	1.65	0.424	1	A
Dieldrin	ND		ug/kg	1.03	0.514	1	A
4,4'-DDE	ND		ug/kg	1.65	0.381	1	B
4,4'-DDD	ND		ug/kg	1.65	0.587	1	A
4,4'-DDT	ND		ug/kg	1.65	1.32	1	A
Endosulfan I	ND		ug/kg	1.65	0.389	1	A
Endosulfan II	ND		ug/kg	1.65	0.550	1	A
Endosulfan sulfate	ND		ug/kg	0.686	0.326	1	A
Methoxychlor	ND		ug/kg	3.09	0.960	1	A
Toxaphene	ND		ug/kg	30.9	8.64	1	A
cis-Chlordane	ND		ug/kg	2.06	0.574	1	A
trans-Chlordane	ND		ug/kg	2.06	0.543	1	A
Chlordane	ND		ug/kg	13.7	5.45	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437361

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-05 Date Collected: 06/20/24 12:50

Client ID: F7_2-4 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437361
Project Number: 3858.0004Y000
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-06
Client ID: F6_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 13:25
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/24 09:39
Analyst: MMG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.358	1	A
Lindane	ND		ug/kg	0.762	0.340	1	A
Alpha-BHC	ND		ug/kg	0.762	0.216	1	A
Beta-BHC	ND		ug/kg	1.83	0.693	1	A
Heptachlor	ND		ug/kg	0.914	0.410	1	A
Aldrin	ND		ug/kg	1.83	0.644	1	A
Heptachlor epoxide	ND		ug/kg	3.43	1.03	1	A
Endrin	ND		ug/kg	0.762	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.800	1	A
Endrin ketone	ND		ug/kg	1.83	0.471	1	A
Dieldrin	ND		ug/kg	1.14	0.571	1	A
4,4'-DDE	2.12		ug/kg	1.83	0.423	1	B
4,4'-DDD	ND		ug/kg	1.83	0.652	1	A
4,4'-DDT	ND		ug/kg	1.83	1.47	1	B
Endosulfan I	ND		ug/kg	1.83	0.432	1	A
Endosulfan II	ND		ug/kg	1.83	0.611	1	A
Endosulfan sulfate	ND		ug/kg	0.762	0.362	1	A
Methoxychlor	ND		ug/kg	3.43	1.07	1	A
Toxaphene	ND		ug/kg	34.3	9.60	1	A
cis-Chlordane	ND		ug/kg	2.28	0.637	1	A
trans-Chlordane	ND		ug/kg	2.28	0.603	1	A
Chlordane	ND		ug/kg	15.2	6.05	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437361

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-06 Date Collected: 06/20/24 13:25

Client ID: F6_2-4 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2437361
Project Number: 3858.0004Y000
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-07
Client ID: F5_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/20/24 14:10
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/24 09:50
Analyst: MMG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.378	1	A
Lindane	ND		ug/kg	0.804	0.359	1	A
Alpha-BHC	ND		ug/kg	0.804	0.228	1	A
Beta-BHC	ND		ug/kg	1.93	0.732	1	A
Heptachlor	ND		ug/kg	0.965	0.432	1	A
Aldrin	ND		ug/kg	1.93	0.679	1	A
Heptachlor epoxide	ND		ug/kg	3.62	1.08	1	A
Endrin	ND		ug/kg	0.804	0.330	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.844	1	A
Endrin ketone	ND		ug/kg	1.93	0.497	1	A
Dieldrin	ND		ug/kg	1.20	0.603	1	A
4,4'-DDE	ND		ug/kg	1.93	0.446	1	A
4,4'-DDD	ND		ug/kg	1.93	0.688	1	A
4,4'-DDT	ND		ug/kg	1.93	1.55	1	A
Endosulfan I	ND		ug/kg	1.93	0.456	1	A
Endosulfan II	ND		ug/kg	1.93	0.645	1	A
Endosulfan sulfate	ND		ug/kg	0.804	0.383	1	A
Methoxychlor	ND		ug/kg	3.62	1.12	1	A
Toxaphene	ND		ug/kg	36.2	10.1	1	A
cis-Chlordane	ND		ug/kg	2.41	0.672	1	A
trans-Chlordane	ND		ug/kg	2.41	0.637	1	A
Chlordane	ND		ug/kg	16.1	6.39	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437361

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-07 Date Collected: 06/20/24 14:10

Client ID: F5_2-4 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437361
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/03/24 07:44
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-07 Batch: WG1942339-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.641	0.286	A
Alpha-BHC	ND		ug/kg	0.641	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.583	A
Heptachlor	ND		ug/kg	0.769	0.345	A
Aldrin	ND		ug/kg	1.54	0.542	A
Heptachlor epoxide	ND		ug/kg	2.88	0.865	A
Endrin	ND		ug/kg	0.641	0.263	A
Endrin aldehyde	ND		ug/kg	1.92	0.673	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.962	0.481	A
4,4'-DDE	ND		ug/kg	1.54	0.356	A
4,4'-DDD	ND		ug/kg	1.54	0.549	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.514	A
Endosulfan sulfate	ND		ug/kg	0.641	0.305	A
Methoxychlor	ND		ug/kg	2.88	0.897	A
Toxaphene	ND		ug/kg	28.8	8.08	A
cis-Chlordane	ND		ug/kg	1.92	0.536	A
trans-Chlordane	ND		ug/kg	1.92	0.508	A
Chlordane	ND		ug/kg	12.8	5.10	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437361
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/03/24 07:44
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-07 Batch: WG1942339-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437361

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG1942339-2 WG1942339-3									
Delta-BHC	76		77		30-150	1		30	A
Lindane	75		75		30-150	0		30	A
Alpha-BHC	78		77		30-150	1		30	A
Beta-BHC	85		85		30-150	0		30	A
Heptachlor	78		79		30-150	1		30	A
Aldrin	74		75		30-150	1		30	A
Heptachlor epoxide	66		68		30-150	3		30	A
Endrin	79		82		30-150	4		30	A
Endrin aldehyde	77		80		30-150	4		30	A
Endrin ketone	82		85		30-150	4		30	A
Dieldrin	84		86		30-150	2		30	A
4,4'-DDE	77		78		30-150	1		30	A
4,4'-DDD	84		87		30-150	4		30	A
4,4'-DDT	83		86		30-150	4		30	A
Endosulfan I	76		77		30-150	1		30	A
Endosulfan II	81		83		30-150	2		30	A
Endosulfan sulfate	77		79		30-150	3		30	A
Methoxychlor	79		82		30-150	4		30	A
cis-Chlordane	71		72		30-150	1		30	A
trans-Chlordane	88		90		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437361

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG1942339-2 WG1942339-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		64		30-150	A
Decachlorobiphenyl	64		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		69		30-150	B
Decachlorobiphenyl	83		87		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437361

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-01 Date Collected: 06/20/24 09:10

Client ID: F11_2-4 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10500		mg/kg	8.73	2.36	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.36	0.332	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Arsenic, Total	1.53		mg/kg	0.873	0.182	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Barium, Total	60.4		mg/kg	0.873	0.152	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.475		mg/kg	0.436	0.029	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.873	0.086	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Calcium, Total	1020		mg/kg	8.73	3.06	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Chromium, Total	20.8		mg/kg	0.873	0.084	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.32		mg/kg	1.75	0.145	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Copper, Total	18.1		mg/kg	0.873	0.225	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Iron, Total	17000		mg/kg	4.36	0.788	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Lead, Total	4.49		mg/kg	4.36	0.234	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Magnesium, Total	4480		mg/kg	8.73	1.34	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Manganese, Total	325		mg/kg	0.873	0.139	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.071	0.047	1	07/03/24 07:20	07/03/24 09:19	EPA 7471B	1,7471B	JWN
Nickel, Total	15.3		mg/kg	2.18	0.211	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Potassium, Total	1860		mg/kg	218	12.6	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.75	0.225	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.436	0.247	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Sodium, Total	41.1	J	mg/kg	175	2.75	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.75	0.275	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Vanadium, Total	26.4		mg/kg	0.873	0.177	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC
Zinc, Total	38.0		mg/kg	4.36	0.256	2	07/02/24 13:52	07/02/24 21:27	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2437361
Project Number: 3858.0004Y000
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-02
Client ID: F10_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 09:55
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15000		mg/kg	9.04	2.44	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.52	0.344	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Arsenic, Total	0.565	J	mg/kg	0.904	0.188	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Barium, Total	94.8		mg/kg	0.904	0.157	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.673		mg/kg	0.452	0.030	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.904	0.089	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Calcium, Total	520		mg/kg	9.04	3.16	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Chromium, Total	27.3		mg/kg	0.904	0.087	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Cobalt, Total	11.6		mg/kg	1.81	0.150	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Copper, Total	28.1		mg/kg	0.904	0.233	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Iron, Total	24100		mg/kg	4.52	0.816	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Lead, Total	5.07		mg/kg	4.52	0.242	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Magnesium, Total	5950		mg/kg	9.04	1.39	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Manganese, Total	370		mg/kg	0.904	0.144	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.072	0.047	1	07/03/24 07:20	07/03/24 09:23	EPA 7471B	1,7471B	JWN
Nickel, Total	19.9		mg/kg	2.26	0.219	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Potassium, Total	3750		mg/kg	226	13.0	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.81	0.233	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.452	0.256	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Sodium, Total	49.6	J	mg/kg	181	2.85	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.81	0.285	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Vanadium, Total	38.2		mg/kg	0.904	0.184	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC
Zinc, Total	54.2		mg/kg	4.52	0.265	2	07/02/24 13:52	07/02/24 21:13	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2437361
Project Number: 3858.0004Y000
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-04
Client ID: F8_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/20/24 11:10
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14900		mg/kg	8.85	2.39	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.42	0.336	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.885	0.184	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Barium, Total	111		mg/kg	0.885	0.154	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.660		mg/kg	0.442	0.029	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.885	0.087	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Calcium, Total	454		mg/kg	8.85	3.10	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Chromium, Total	30.1		mg/kg	0.885	0.085	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Cobalt, Total	12.0		mg/kg	1.77	0.147	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Copper, Total	31.6		mg/kg	0.885	0.228	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Iron, Total	22900		mg/kg	4.42	0.799	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Lead, Total	4.32	J	mg/kg	4.42	0.237	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Magnesium, Total	6250		mg/kg	8.85	1.36	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Manganese, Total	332		mg/kg	0.885	0.141	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.071	0.046	1	07/03/24 07:20	07/03/24 09:26	EPA 7471B	1,7471B	JWN
Nickel, Total	23.2		mg/kg	2.21	0.214	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Potassium, Total	5100		mg/kg	221	12.7	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.77	0.228	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.442	0.250	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Sodium, Total	77.9	J	mg/kg	177	2.79	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Thallium, Total	0.315	J	mg/kg	1.77	0.279	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Vanadium, Total	40.0		mg/kg	0.885	0.180	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC
Zinc, Total	56.1		mg/kg	4.42	0.259	2	07/02/24 13:52	07/02/24 21:20	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437361

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-05 Date Collected: 06/20/24 12:50

Client ID: F7_2-4 Date Received: 06/20/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12400		mg/kg	8.22	2.22	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.11	0.312	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Arsenic, Total	0.331	J	mg/kg	0.822	0.171	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Barium, Total	86.0		mg/kg	0.822	0.143	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.520		mg/kg	0.411	0.027	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.822	0.081	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Calcium, Total	1140		mg/kg	8.22	2.88	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Chromium, Total	24.5		mg/kg	0.822	0.079	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Cobalt, Total	11.9		mg/kg	1.64	0.136	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Copper, Total	22.5		mg/kg	0.822	0.212	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Iron, Total	20100		mg/kg	4.11	0.742	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Lead, Total	3.51	J	mg/kg	4.11	0.220	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Magnesium, Total	6290		mg/kg	8.22	1.27	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Manganese, Total	258		mg/kg	0.822	0.131	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.066	0.043	1	07/03/24 07:20	07/03/24 09:29	EPA 7471B	1,7471B	JWN
Nickel, Total	22.0		mg/kg	2.06	0.199	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Potassium, Total	4290		mg/kg	206	11.8	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.64	0.212	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.411	0.233	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Sodium, Total	65.3	J	mg/kg	164	2.59	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.64	0.259	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Vanadium, Total	29.6		mg/kg	0.822	0.167	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC
Zinc, Total	49.9		mg/kg	4.11	0.241	2	07/02/24 13:52	07/02/24 22:15	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437361

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04-05 Batch: WG1942302-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Iron, Total	0.632	J	mg/kg	2.00	0.361	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	1.26	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04-05 Batch: WG1942643-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/03/24 07:20	07/03/24 08:56	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437361
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437361

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 Batch: WG1942302-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	98		-		80-120	-		
Arsenic, Total	96		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	105		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	103		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Cobalt, Total	102		-		80-120	-		
Copper, Total	99		-		80-120	-		
Iron, Total	106		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	104		-		80-120	-		
Nickel, Total	99		-		80-120	-		
Potassium, Total	102		-		80-120	-		
Selenium, Total	90		-		80-120	-		
Silver, Total	102		-		80-120	-		
Sodium, Total	101		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	103		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437361

Report Date: 07/03/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 Batch: WG1942302-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 Batch: WG1942643-2					
Mercury, Total	106	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437361
Report Date: 07/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1942302-3 QC Sample: L2437361-01 Client ID: F11_2-4												
Aluminum, Total	10500	175	9670	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	43.8	32.2	**74**	Q	-	-		75-125	-		20
Arsenic, Total	1.53	10.5	9.06	**72**	Q	-	-		75-125	-		20
Barium, Total	60.4	175	212	87		-	-		75-125	-		20
Beryllium, Total	0.475	4.38	4.49	92		-	-		75-125	-		20
Cadmium, Total	ND	4.64	4.50	97		-	-		75-125	-		20
Calcium, Total	1020	875	1460	**50**	Q	-	-		75-125	-		20
Chromium, Total	20.8	17.5	34.2	76		-	-		75-125	-		20
Cobalt, Total	7.32	43.8	48.4	94		-	-		75-125	-		20
Copper, Total	18.1	21.9	36.6	84		-	-		75-125	-		20
Iron, Total	17000	87.5	15600	**0**	Q	-	-		75-125	-		20
Lead, Total	4.49	46.4	46.9	91		-	-		75-125	-		20
Magnesium, Total	4480	875	4710	**26**	Q	-	-		75-125	-		20
Manganese, Total	325	43.8	322	**0**	Q	-	-		75-125	-		20
Nickel, Total	15.3	43.8	53.8	88		-	-		75-125	-		20
Potassium, Total	1860	875	2490	**72**	Q	-	-		75-125	-		20
Selenium, Total	ND	10.5	7.07	**67**	Q	-	-		75-125	-		20
Silver, Total	ND	4.38	4.07	93		-	-		75-125	-		20
Sodium, Total	41.1J	875	830	95		-	-		75-125	-		20
Thallium, Total	ND	10.5	9.22	88		-	-		75-125	-		20
Vanadium, Total	26.4	43.8	63.8	85		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437361
Report Date: 07/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1942302-3 QC Sample: L2437361-01 Client ID: F11_2-4									
Zinc, Total	38.0	43.8	75.8	86	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1942643-3 WG1942643-4 QC Sample: L2437277-05 Client ID: MS Sample									
Mercury, Total	ND	1.46	1.43	98	1.57	106	80-120	9	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437361
Report Date: 07/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1942302-4 QC Sample: L2437361-01 Client ID: F11_2-4						
Aluminum, Total	10500	10100	mg/kg	4		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.53	1.74	mg/kg	13		20
Barium, Total	60.4	67.9	mg/kg	12		20
Beryllium, Total	0.475	0.469	mg/kg	1		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	1020	779	mg/kg	**27**	Q	20
Chromium, Total	20.8	17.8	mg/kg	16		20
Cobalt, Total	7.32	6.42	mg/kg	13		20
Copper, Total	18.1	15.8	mg/kg	14		20
Iron, Total	17000	16300	mg/kg	4		20
Lead, Total	4.49	3.88J	mg/kg	NC		20
Magnesium, Total	4480	3880	mg/kg	14		20
Manganese, Total	325	320	mg/kg	2		20
Nickel, Total	15.3	13.6	mg/kg	12		20
Potassium, Total	1860	2020	mg/kg	8		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	41.1J	40.3J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437361

Report Date: 07/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1942302-4 QC Sample: L2437361-01 Client ID: F11_2-4					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	26.4	23.3	mg/kg	12	20
Zinc, Total	38.0	33.9	mg/kg	11	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2437361
Report Date: 07/03/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1942302-6 QC Sample: L2437361-01 Client ID: F11_2-4						
Aluminum, Total	10500	10800	mg/kg	3		20
Barium, Total	60.4	61.6	mg/kg	2		20
Calcium, Total	1020	1080	mg/kg	6		20
Iron, Total	17000	18300	mg/kg	8		20
Magnesium, Total	4480	4710	mg/kg	5		20
Manganese, Total	325	342	mg/kg	5		20
Selenium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	26.4	27.8	mg/kg	5		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437361
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-01
Client ID: F11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 09:10
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	07/02/24 15:20	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437361
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-02
Client ID: F10_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 09:55
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	07/02/24 15:20	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437361
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-03
Client ID: F9_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 10:40
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	07/02/24 15:20	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437361
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-04
Client ID: F8_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 11:10
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	07/02/24 15:20	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437361
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-05
Client ID: F7_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 12:50
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.9		%	0.100	NA	1	-	07/02/24 15:20	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437361
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-06
Client ID: F6_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 13:25
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	07/02/24 15:20	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437361
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437361-07
Client ID: F5_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/20/24 14:10
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	07/02/24 15:20	121,2540G	SJB

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437361

Report Date: 07/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1942426-1 QC Sample: L2437361-01 Client ID: F11_2-4						
Solids, Total	89.7	89.2	%	1		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437361
Report Date: 07/03/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437361-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2437361-01C	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		TS(7),NYTCL-8081(14)
L2437361-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2437361-02C	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		TS(7),NYTCL-8081(14)
L2437361-03C	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		TS(7),NYTCL-8081(14)
L2437361-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2437361-04C	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		TS(7),NYTCL-8081(14)
L2437361-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2437361-05C	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		TS(7),NYTCL-8081(14)
L2437361-06C	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		TS(7),NYTCL-8081(14)
L2437361-07C	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437361
Report Date: 07/03/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437361
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437361
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437361
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437361
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 6/21/24

L2437361 DJL 7/2/24
ALPHA Job #: ~~L2435023~~

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	NYTCL-8081	TAL	Sample Specific Comments	Total # Bottles
~~37361-01~~	FII-0-0.2	6/20/24	0900	S	EL			X	X	X	X				3
~~-02~~	FII-0.2-2		0905	S	EL	X	X	X	X	X	X				7
37361 -01	FII-2-4		0910	S	EL			H	H	H	H	X	X	HOLD	3
~~-04~~	FII-4-6		0915	S	EL			H	H	H	H			HOLD	3
~~-05~~	FIO-0-0.2		0945	S	EL			X	X	X	X				3
~~-06~~	FIO-0.2-2		0950	S	EL	X	X	X	X	X	X			MS/MSD	21
-02	FIO-2-4		0955	S	EL			H	H	H	H	X	X	HOLD	3
~~-08~~	FIO-4-6		1000	S	EL			H	H	H	H			HOLD	3
~~-09~~	FQ-0-0.2		1030	S	EL			X	X	X	X				3
~~-10~~	FQ-0.2-2		1035	S	EL	X	X	X	X	X	X				7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/20/24 1445	GJAC (PACE)	6/20/24, 14:45
GJAC	6/20/24, 19:00	NJSC	6/20/24, 19:00
NJSC	6/20/24, 19:00		6/20/24 19:15
	6/20/24		6/20 2220
	6/21 130		6/21/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 3

Date Rec'd in Lab 6/21/24

L2437361 DJL 7/2/24
ALPHA Job # L2437361

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	NYTCL-8081	TAL	Sample Specific Comments	Total Bottles
37361 -03	FB-2-4	6/20/24	1240	S	EL			H	H	H	H	X		HOLD	3
-12	FB-4-6		1245	S	EL			H	H	H	H			HOLD	3
-13	FB-0-0.2		1100	S	EL			X	X	X	X				3
-14	FB-0.2-2		1105	S	EL	X	X	X	X	X	X				7
-04	FB-2-4		1110	S	EL			H	H	H	H	X	X	HOLD	3
-15	FB-4-6		1115	S	EL			H	H	H	H			HOLD	3
-17	FB-06202024		1210	GW	EL	X	X	X	X	X	X				16
-16	F7-0-0.2		1240	S	EL			X	X	X	X				3
-18	F7-0.2-2		1245	S	EL	X	X	X	X	X	X				7
-05	F7-2-4		1250	S	EL			H	H	H	H	X	X	HOLD	3
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/20/24 1445	GJAC (PACE)	6/20/24 14:45
GJAC	6/20/24, 19:00	NJSC	6/20/24, 19:00
NJSC	6/20/24, 19:00		6/21/24 01:15
	6/21/24 0130		6/21/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page T 3 of 3

Date Rec'd in Lab: 6/21/24

L2437361 DJL 7/2/24
ALPHA Job #: ~~L2435023~~

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	NYTCL-8081	TAL	Sample Specific Comments	Total Bottles
~~35023-01~~	F7_4-6	6/20/24	1255	S	EL			H	H	H	H			HOLD	3
~~-02~~	F6_0-0.2		1315	S	EL			X	X	X	X				3
~~-03~~	F6_0.2-2		1320	S	EL	X	X	X	X	X	X				7
37361 -06	F6_2-4		1325	S	EL			H	H	H	H	X		HOLD	3
~~-25~~	F6_4-6		1330	S	EL			H	H	H	H			HOLD	3
~~-26~~	F5_0-0.2		1400	S	EL			X	X	X	X				3
~~-27~~	F5_0.2-2		1405	S	EL	X	X	X	X	X	X				7
-07	F5_2-4		1410	S	EL			H	H	H	H	X		HOLD	3
~~-24~~	F5_4-6		1415	S	EL			H	H	H	H			HOLD	3
~~-28~~	TB_06202024	6/20/24	—	W	EL	X									2
Container Type						E	A	A	A	A	A	A	A		
Preservative						A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/20/24 1445	GJAC (PACE)	6/20/24, 14:45
GJAC	6/20/24, 19:00	NJSC	6/20/24, 19:00
NJSC	6/20/24, 19:02		6/20/24 19:15
			6/20 2030
	6/21 130		6/21/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2437366
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/09/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437366
Report Date: 07/09/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2437366-01	C10_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 08:35	06/14/24
L2437366-02	C11_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 09:35	06/14/24
L2437366-03	D12_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/14/24 14:05	06/14/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437366
Project Number:	3858.0004Y000	**Report Date:**	07/09/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437366
Project Number:	3858.0004Y000	**Report Date:**	07/09/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Pesticides

L2437366-01, -02, and -03: The sample was extracted with the method required holding time exceeded.

Total Metals

L2437366-02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 07/09/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437366
Report Date: 07/09/24

SAMPLE RESULTS

Lab ID: L2437366-01
Client ID: C10_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 08:35
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/24 10:36
Analyst: AKM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.345	1	A
Lindane	ND		ug/kg	0.735	0.328	1	A
Alpha-BHC	ND		ug/kg	0.735	0.209	1	A
Beta-BHC	ND		ug/kg	1.76	0.668	1	A
Heptachlor	ND		ug/kg	0.882	0.395	1	A
Aldrin	ND		ug/kg	1.76	0.621	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.992	1	A
Endrin	ND		ug/kg	0.735	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.771	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	ND		ug/kg	1.10	0.551	1	A
4,4'-DDE	ND		ug/kg	1.76	0.408	1	A
4,4'-DDD	ND		ug/kg	1.76	0.629	1	A
4,4'-DDT	ND		ug/kg	1.76	1.42	1	B
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.589	1	A
Endosulfan sulfate	ND		ug/kg	0.735	0.350	1	A
Methoxychlor	ND		ug/kg	3.30	1.03	1	A
Toxaphene	ND		ug/kg	33.0	9.26	1	A
cis-Chlordane	ND		ug/kg	2.20	0.614	1	A
trans-Chlordane	ND		ug/kg	2.20	0.582	1	A
Chlordane	ND		ug/kg	14.7	5.84	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437366

Project Number: 3858.0004Y000 **Report Date:** 07/09/24

SAMPLE RESULTS

Lab ID: L2437366-01 Date Collected: 06/14/24 08:35

Client ID: C10_4-6 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437366
Report Date: 07/09/24

SAMPLE RESULTS

Lab ID: L2437366-02
Client ID: C11_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 09:35
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/24 10:48
Analyst: AKM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.340	1	A
Lindane	ND		ug/kg	0.723	0.323	1	A
Alpha-BHC	ND		ug/kg	0.723	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.658	1	A
Heptachlor	ND		ug/kg	0.867	0.389	1	A
Aldrin	ND		ug/kg	1.73	0.611	1	A
Heptachlor epoxide	ND	IP	ug/kg	3.25	0.976	1	B
Endrin	ND		ug/kg	0.723	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.759	1	A
Endrin ketone	ND		ug/kg	1.73	0.447	1	A
Dieldrin	ND		ug/kg	1.08	0.542	1	A
4,4'-DDE	2.15		ug/kg	1.73	0.401	1	A
4,4'-DDD	ND		ug/kg	1.73	0.619	1	A
4,4'-DDT	ND		ug/kg	1.73	1.40	1	B
Endosulfan I	ND		ug/kg	1.73	0.410	1	A
Endosulfan II	ND		ug/kg	1.73	0.580	1	A
Endosulfan sulfate	ND		ug/kg	0.723	0.344	1	A
Methoxychlor	ND		ug/kg	3.25	1.01	1	A
Toxaphene	ND		ug/kg	32.5	9.11	1	A
cis-Chlordane	2.05	JIP	ug/kg	2.17	0.604	1	B
trans-Chlordane	1.31	JIP	ug/kg	2.17	0.572	1	B
Chlordane	ND		ug/kg	14.4	5.75	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437366

Project Number: 3858.0004Y000 **Report Date:** 07/09/24

SAMPLE RESULTS

Lab ID: L2437366-02 Date Collected: 06/14/24 09:35

Client ID: C11_4-6 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437366
Report Date: 07/09/24

SAMPLE RESULTS

Lab ID: L2437366-03
Client ID: D12_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/14/24 14:05
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/24 11:01
Analyst: AKM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.89	0.370	1	A
Lindane	ND		ug/kg	0.786	0.352	1	A
Alpha-BHC	ND		ug/kg	0.786	0.223	1	A
Beta-BHC	ND		ug/kg	1.89	0.716	1	A
Heptachlor	ND		ug/kg	0.944	0.423	1	A
Aldrin	ND		ug/kg	1.89	0.665	1	A
Heptachlor epoxide	ND		ug/kg	3.54	1.06	1	A
Endrin	ND		ug/kg	0.786	0.322	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.826	1	A
Endrin ketone	ND		ug/kg	1.89	0.486	1	A
Dieldrin	ND		ug/kg	1.18	0.590	1	A
4,4'-DDE	ND		ug/kg	1.89	0.436	1	A
4,4'-DDD	ND		ug/kg	1.89	0.673	1	A
4,4'-DDT	ND		ug/kg	1.89	1.52	1	A
Endosulfan I	ND		ug/kg	1.89	0.446	1	A
Endosulfan II	ND		ug/kg	1.89	0.631	1	A
Endosulfan sulfate	ND		ug/kg	0.786	0.374	1	A
Methoxychlor	ND		ug/kg	3.54	1.10	1	A
Toxaphene	ND		ug/kg	35.4	9.91	1	A
cis-Chlordane	ND		ug/kg	2.36	0.658	1	A
trans-Chlordane	ND		ug/kg	2.36	0.623	1	A
Chlordane	ND		ug/kg	15.7	6.25	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437366

Project Number: 3858.0004Y000 **Report Date:** 07/09/24

SAMPLE RESULTS

Lab ID: L2437366-03 Date Collected: 06/14/24 14:05

Client ID: D12_4-6 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437366
Report Date: 07/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/03/24 07:44
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1942339-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.641	0.286	A
Alpha-BHC	ND		ug/kg	0.641	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.583	A
Heptachlor	ND		ug/kg	0.769	0.345	A
Aldrin	ND		ug/kg	1.54	0.542	A
Heptachlor epoxide	ND		ug/kg	2.88	0.865	A
Endrin	ND		ug/kg	0.641	0.263	A
Endrin aldehyde	ND		ug/kg	1.92	0.673	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.962	0.481	A
4,4'-DDE	ND		ug/kg	1.54	0.356	A
4,4'-DDD	ND		ug/kg	1.54	0.549	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.514	A
Endosulfan sulfate	ND		ug/kg	0.641	0.305	A
Methoxychlor	ND		ug/kg	2.88	0.897	A
Toxaphene	ND		ug/kg	28.8	8.08	A
cis-Chlordane	ND		ug/kg	1.92	0.536	A
trans-Chlordane	ND		ug/kg	1.92	0.508	A
Chlordane	ND		ug/kg	12.8	5.10	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437366
Report Date: 07/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/03/24 07:44
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1942339-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437366

Report Date: 07/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1942339-2 WG1942339-3									
Delta-BHC	76		77		30-150	1		30	A
Lindane	75		75		30-150	0		30	A
Alpha-BHC	78		77		30-150	1		30	A
Beta-BHC	85		85		30-150	0		30	A
Heptachlor	78		79		30-150	1		30	A
Aldrin	74		75		30-150	1		30	A
Heptachlor epoxide	66		68		30-150	3		30	A
Endrin	79		82		30-150	4		30	A
Endrin aldehyde	77		80		30-150	4		30	A
Endrin ketone	82		85		30-150	4		30	A
Dieldrin	84		86		30-150	2		30	A
4,4'-DDE	77		78		30-150	1		30	A
4,4'-DDD	84		87		30-150	4		30	A
4,4'-DDT	83		86		30-150	4		30	A
Endosulfan I	76		77		30-150	1		30	A
Endosulfan II	81		83		30-150	2		30	A
Endosulfan sulfate	77		79		30-150	3		30	A
Methoxychlor	79		82		30-150	4		30	A
cis-Chlordane	71		72		30-150	1		30	A
trans-Chlordane	88		90		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437366

Report Date: 07/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1942339-2 WG1942339-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		64		30-150	A
Decachlorobiphenyl	64		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		69		30-150	B
Decachlorobiphenyl	83		87		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437366

Project Number: 3858.0004Y000 **Report Date:** 07/09/24

SAMPLE RESULTS

Lab ID: L2437366-02 Date Collected: 06/14/24 09:35

Client ID: C11_4-6 Date Received: 06/14/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12700		mg/kg	8.61	2.32	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	4.30	0.327	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Arsenic, Total	0.838	J	mg/kg	0.861	0.179	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Barium, Total	110		mg/kg	0.861	0.150	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.356	J	mg/kg	0.430	0.028	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.861	0.084	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Calcium, Total	238		mg/kg	8.61	3.01	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Chromium, Total	22.7		mg/kg	0.861	0.083	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Cobalt, Total	10.0		mg/kg	1.72	0.143	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Copper, Total	26.2		mg/kg	0.861	0.222	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Iron, Total	20800		mg/kg	4.30	0.777	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Lead, Total	4.26	J	mg/kg	4.30	0.231	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Magnesium, Total	4800		mg/kg	8.61	1.32	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Manganese, Total	360		mg/kg	0.861	0.137	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Mercury, Total	0.220		mg/kg	0.080	0.052	1	07/04/24 01:35	07/09/24 00:23	EPA 7471B	1,7471B	JWN
Nickel, Total	18.0		mg/kg	2.15	0.208	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Potassium, Total	4420		mg/kg	215	12.4	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.72	0.222	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.430	0.244	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Sodium, Total	47.5	J	mg/kg	172	2.71	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Thallium, Total	1.02	J	mg/kg	1.72	0.271	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Vanadium, Total	32.4		mg/kg	0.861	0.175	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA
Zinc, Total	44.0		mg/kg	4.30	0.252	2	07/04/24 00:50	07/08/24 21:36	EPA 3050B	1,6010D	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437366

Project Number: 3858.0004Y000 **Report Date:** 07/09/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1943164-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Iron, Total	1.90	J	mg/kg	2.00	0.361	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/04/24 00:50	07/08/24 12:08	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1943167-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/04/24 01:35	07/08/24 10:37	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437366
Report Date: 07/09/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437366

Report Date: 07/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1943164-2								
Aluminum, Total	105		-		80-120	-		
Antimony, Total	104		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	103		-		80-120	-		
Beryllium, Total	104		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	101		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	104		-		80-120	-		
Iron, Total	104		-		80-120	-		
Lead, Total	101		-		80-120	-		
Magnesium, Total	101		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Potassium, Total	102		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	101		-		80-120	-		
Sodium, Total	102		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	104		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437366

Report Date: 07/09/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1943164-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1943167-2					
Mercury, Total	100	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437366
Report Date: 07/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1943164-3 QC Sample: L2436996-11 Client ID: MS Sample												
Aluminum, Total	8440	206	8170	**0**	Q	-	-		75-125	-		20
Antimony, Total	0.632J	51.6	38.4	**74**	Q	-	-		75-125	-		20
Arsenic, Total	4.08	12.4	15.6	93		-	-		75-125	-		20
Barium, Total	79.8	206	277	96		-	-		75-125	-		20
Beryllium, Total	0.498J	5.16	5.66	110		-	-		75-125	-		20
Cadmium, Total	0.144J	5.46	5.24	96		-	-		75-125	-		20
Calcium, Total	5400	1030	5770	**36**	Q	-	-		75-125	-		20
Chromium, Total	14.0	20.6	32.6	90		-	-		75-125	-		20
Cobalt, Total	6.24	51.6	54.4	93		-	-		75-125	-		20
Copper, Total	27.8	25.8	53.7	100		-	-		75-125	-		20
Iron, Total	15500	103	14500	**0**	Q	-	-		75-125	-		20
Lead, Total	90.7	54.6	129	**70**	Q	-	-		75-125	-		20
Magnesium, Total	3460	1030	4220	**74**	Q	-	-		75-125	-		20
Manganese, Total	313	51.6	360	91		-	-		75-125	-		20
Nickel, Total	16.1	51.6	61.9	89		-	-		75-125	-		20
Potassium, Total	956	1030	2050	106		-	-		75-125	-		20
Selenium, Total	0.272J	12.4	12.0	97		-	-		75-125	-		20
Silver, Total	ND	5.16	5.04	98		-	-		75-125	-		20
Sodium, Total	1060	1030	1990	90		-	-		75-125	-		20
Thallium, Total	ND	12.4	12.0	97		-	-		75-125	-		20
Vanadium, Total	22.1	51.6	70.9	95		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437366
Report Date: 07/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1943164-3 QC Sample: L2436996-11 Client ID: MS Sample									
Zinc, Total	71.8	51.6	118	90	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1943167-3 QC Sample: L2437090-05 Client ID: MS Sample									
Mercury, Total	0.370	1.83	1.96	87	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437366
Report Date: 07/09/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1943164-4 QC Sample: L2436996-11 Client ID: DUP Sample						
Aluminum, Total	8440	8500	mg/kg	1		20
Antimony, Total	0.632J	0.576J	mg/kg	NC		20
Arsenic, Total	4.08	3.62	mg/kg	12		20
Barium, Total	79.8	82.5	mg/kg	3		20
Beryllium, Total	0.498J	0.530	mg/kg	NC		20
Cadmium, Total	0.144J	0.192J	mg/kg	NC		20
Calcium, Total	5400	5290	mg/kg	2		20
Chromium, Total	14.0	14.6	mg/kg	4		20
Cobalt, Total	6.24	6.19	mg/kg	1		20
Copper, Total	27.8	28.3	mg/kg	2		20
Iron, Total	15500	15600	mg/kg	1		20
Lead, Total	90.7	84.3	mg/kg	7		20
Magnesium, Total	3460	3340	mg/kg	4		20
Manganese, Total	313	395	mg/kg	**23**	Q	20
Nickel, Total	16.1	15.9	mg/kg	1		20
Potassium, Total	956	964	mg/kg	1		20
Selenium, Total	0.272J	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	1060	837	mg/kg	**24**	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437366

Report Date: 07/09/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1943164-4 QC Sample: L2436996-11 Client ID: DUP Sample						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	22.1	22.0	mg/kg	0		20
Zinc, Total	71.8	68.2	mg/kg	5		20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1943167-4 QC Sample: L2437090-05 Client ID: DUP Sample						
Mercury, Total	0.370	0.202	mg/kg	**59**	Q	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2437366
Report Date: 07/09/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1943164-6 QC Sample: L2436996-11 Client ID: DUP Sample						
Aluminum, Total	8440	8860	mg/kg	5		20
Barium, Total	79.8	83.7	mg/kg	5		20
Calcium, Total	5400	5790	mg/kg	7		20
Copper, Total	27.8	28.9	mg/kg	4		20
Iron, Total	15500	17100	mg/kg	10		20
Magnesium, Total	3460	3740	mg/kg	8		20
Manganese, Total	313	338	mg/kg	8		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437366
Report Date: 07/09/24

SAMPLE RESULTS

Lab ID: L2437366-01
Client ID: C10_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 08:35
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	07/02/24 16:23	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437366
Report Date: 07/09/24

SAMPLE RESULTS

Lab ID: L2437366-02
Client ID: C11_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 09:35
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	07/02/24 16:23	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437366
Report Date: 07/09/24

SAMPLE RESULTS

Lab ID: L2437366-03
Client ID: D12_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 14:05
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	07/02/24 16:23	121,2540G	SJB

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437366

Report Date: 07/09/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1942469-1 QC Sample: L2436456-01 Client ID: DUP Sample						
Solids, Total	84.2	84.1	%	0		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437366
Report Date: 07/09/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437366-01C	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		TS(7),NYTCL-8081(14)
L2437366-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2437366-02C	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		TS(7),NYTCL-8081(14)
L2437366-03C	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437366
Project Number:	3858.0004Y000	**Report Date:**	07/09/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437366
Project Number:	3858.0004Y000	**Report Date:**	07/09/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437366
Project Number:	3858.0004Y000	**Report Date:**	07/09/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437366
Project Number:	3858.0004Y000	**Report Date:**	07/09/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Serial No:07092412:25

L2437366 DJL 7/2/24

NEW YORK CHAIN OF CUSTODY

Page 1 of 4

Date Rec'd in Lab 06/15/24

ALPHA Job # L2437366

ALPHA Analytical
Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	NYTCL-8081	TAL	Sample Specific Comments	Total Bottles
37366-01	C10_0-0.2	6/14/24	820	SO	JR			X	X	X	X				3
-02	C10_0.2-2		825	SO	JR	X	X	X	X	X	X				7
-03	C10_2-4		830	SO	JR			H	H	H	H	X		HOLD	3
-04	C10_4-6		835	SO	JR			H	H	H	H			HOLD	3
-05	DUP_06142024		1200	SO	JR			X	X	X	X				3
-06	FB_06142024		900	FB	JR			X	X	X	X				
-07	C11_0-0.2		920	SO	JR			X	X	X	X			MS/MSD	9
-08	C11_0.2-2		925	SO	JR	X	X	X	X	X	X				7
-09	C11_2-4		930	SO	JR			H	H	H	H			HOLD	3
-02	C11_4-6		935	SO	JR			H	H	H	H	X	X	HOLD	3

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	6/14/24 1445	PACE	6/14/24 15:05
PACE	6/14/24 17:35		6/14/24 18:45
	6/14/24		6/14 2200
	6/15 600		6/15/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-9288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 4 of 4

Date Rec'd in Lab: 06/15/24

L2437366 DJL 7/2/24
ALPHA Job #: ~~L2435786~~

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	NYTCL-8081	TAL	Sample Specific Comments	Total # Bottles
37366 -03	D12_4-6	6/14/24	1405	SO	JR			H	H	H	H	X		HOLD	3
~~-02~~	Trip Blank TB 061424	6/10/24	—	TB	JR	X									2
Container Type						E	A	A	A	A	A	A	A		
Preservative						A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
FedEx	6/14/24 1445	PACE	6/14/24 15:00
PACE	6/14/24 17:35		6/14/24 18:45
	6/14/24		6/14 2200
	6/15 100		6/15/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2437374
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/03/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437374
Report Date: 07/03/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2437374-01	F4_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 08:35	06/21/24
L2437374-02	F3_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 09:15	06/21/24
L2437374-03	F2_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 09:55	06/21/24
L2437374-04	G2_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 11:25	06/21/24
L2437374-05	G3_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 12:50	06/21/24
L2437374-06	G4_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 13:20	06/21/24
L2437374-07	G6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 13:45	06/21/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437374
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437374
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2437374-03, -04, -06, and -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 07/03/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437374
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-01
Client ID: F4_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 08:35
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/24 10:02
Analyst: MMG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.342	1	A
Lindane	ND		ug/kg	0.727	0.325	1	A
Alpha-BHC	ND		ug/kg	0.727	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.662	1	A
Heptachlor	ND		ug/kg	0.872	0.391	1	A
Aldrin	ND		ug/kg	1.74	0.614	1	A
Heptachlor epoxide	ND		ug/kg	3.27	0.981	1	A
Endrin	ND		ug/kg	0.727	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.763	1	A
Endrin ketone	ND		ug/kg	1.74	0.449	1	A
Dieldrin	ND		ug/kg	1.09	0.545	1	A
4,4'-DDE	0.782	J	ug/kg	1.74	0.403	1	B
4,4'-DDD	ND		ug/kg	1.74	0.622	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	B
Endosulfan I	ND		ug/kg	1.74	0.412	1	A
Endosulfan II	ND		ug/kg	1.74	0.583	1	A
Endosulfan sulfate	ND		ug/kg	0.727	0.346	1	A
Methoxychlor	ND		ug/kg	3.27	1.02	1	A
Toxaphene	ND		ug/kg	32.7	9.16	1	A
cis-Chlordane	ND		ug/kg	2.18	0.608	1	A
trans-Chlordane	ND		ug/kg	2.18	0.576	1	A
Chlordane	ND		ug/kg	14.5	5.78	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437374

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-01 Date Collected: 06/21/24 08:35

Client ID: F4_2-4 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437374
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-02
Client ID: F3_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 09:15
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/24 10:13
Analyst: MMG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.764	0.342	1	A
Alpha-BHC	ND		ug/kg	0.764	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.696	1	A
Heptachlor	ND		ug/kg	0.917	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.646	1	A
Heptachlor epoxide	1.76	JIP	ug/kg	3.44	1.03	1	B
Endrin	ND		ug/kg	0.764	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.803	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	1.48	IP	ug/kg	1.15	0.573	1	B
4,4'-DDE	100		ug/kg	1.83	0.424	1	B
4,4'-DDD	27.7		ug/kg	1.83	0.654	1	A
4,4'-DDT	16.9		ug/kg	1.83	1.48	1	A
Endosulfan I	ND		ug/kg	1.83	0.433	1	A
Endosulfan II	ND		ug/kg	1.83	0.613	1	A
Endosulfan sulfate	ND		ug/kg	0.764	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.63	1	A
cis-Chlordane	4.76	IP	ug/kg	2.29	0.639	1	B
trans-Chlordane	11.3		ug/kg	2.29	0.605	1	B
Chlordane	37.8		ug/kg	15.3	6.08	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437374

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-02 Date Collected: 06/21/24 09:15

Client ID: F3_2-4 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437374
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-05
Client ID: G3_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 12:50
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/24 10:24
Analyst: MMG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.771	0.344	1	A
Alpha-BHC	ND		ug/kg	0.771	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.925	0.414	1	A
Aldrin	ND		ug/kg	1.85	0.651	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.771	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.809	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	ND		ug/kg	1.16	0.578	1	A
4,4'-DDE	49.0		ug/kg	1.85	0.428	1	B
4,4'-DDD	0.726	JIP	ug/kg	1.85	0.660	1	A
4,4'-DDT	62.1		ug/kg	1.85	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.771	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.71	1	A
cis-Chlordane	ND		ug/kg	2.31	0.644	1	A
trans-Chlordane	ND		ug/kg	2.31	0.610	1	A
Chlordane	ND		ug/kg	15.4	6.13	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437374

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-05 Date Collected: 06/21/24 12:50

Client ID: G3_2-4 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437374
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-06
Client ID: G4_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 13:20
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/24 10:36
Analyst: MMG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.377	1	A
Lindane	ND		ug/kg	0.803	0.359	1	A
Alpha-BHC	ND		ug/kg	0.803	0.228	1	A
Beta-BHC	ND		ug/kg	1.93	0.730	1	A
Heptachlor	ND		ug/kg	0.963	0.432	1	A
Aldrin	ND		ug/kg	1.93	0.678	1	A
Heptachlor epoxide	9.69		ug/kg	3.61	1.08	1	A
Endrin	ND		ug/kg	0.803	0.329	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.843	1	A
Endrin ketone	ND		ug/kg	1.93	0.496	1	A
Dieldrin	32.7	IP	ug/kg	1.20	0.602	1	A
4,4'-DDE	270		ug/kg	1.93	0.445	1	B
4,4'-DDD	116		ug/kg	1.93	0.687	1	B
4,4'-DDT	53.6		ug/kg	1.93	1.55	1	B
Endosulfan I	ND		ug/kg	1.93	0.455	1	A
Endosulfan II	ND		ug/kg	1.93	0.644	1	A
Endosulfan sulfate	ND		ug/kg	0.803	0.382	1	A
Methoxychlor	ND		ug/kg	3.61	1.12	1	A
Toxaphene	ND		ug/kg	36.1	10.1	1	A
cis-Chlordane	35.1		ug/kg	2.41	0.671	1	A
trans-Chlordane	32.1		ug/kg	2.41	0.636	1	B
Chlordane	199		ug/kg	16.0	6.38	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437374

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-06 Date Collected: 06/21/24 13:20

Client ID: G4_2-4 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437374
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-07
Client ID: G6_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 13:45
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/24 10:47
Analyst: MMG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.684	0.306	1	A
Alpha-BHC	ND		ug/kg	0.684	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.623	1	A
Heptachlor	ND		ug/kg	0.821	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.578	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.924	1	A
Endrin	ND		ug/kg	0.684	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.719	1	A
Endrin ketone	ND		ug/kg	1.64	0.423	1	A
Dieldrin	ND		ug/kg	1.03	0.513	1	A
4,4'-DDE	1.58	J	ug/kg	1.64	0.380	1	B
4,4'-DDD	ND		ug/kg	1.64	0.586	1	A
4,4'-DDT	1.85		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.549	1	A
Endosulfan sulfate	ND		ug/kg	0.684	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.958	1	A
Toxaphene	ND		ug/kg	30.8	8.62	1	A
cis-Chlordane	ND		ug/kg	2.05	0.572	1	A
trans-Chlordane	ND		ug/kg	2.05	0.542	1	A
Chlordane	ND		ug/kg	13.7	5.44	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437374

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-07 Date Collected: 06/21/24 13:45

Client ID: G6_2-4 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437374
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/03/24 07:44
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-07 Batch: WG1942339-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.641	0.286	A
Alpha-BHC	ND		ug/kg	0.641	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.583	A
Heptachlor	ND		ug/kg	0.769	0.345	A
Aldrin	ND		ug/kg	1.54	0.542	A
Heptachlor epoxide	ND		ug/kg	2.88	0.865	A
Endrin	ND		ug/kg	0.641	0.263	A
Endrin aldehyde	ND		ug/kg	1.92	0.673	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.962	0.481	A
4,4'-DDE	ND		ug/kg	1.54	0.356	A
4,4'-DDD	ND		ug/kg	1.54	0.549	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.514	A
Endosulfan sulfate	ND		ug/kg	0.641	0.305	A
Methoxychlor	ND		ug/kg	2.88	0.897	A
Toxaphene	ND		ug/kg	28.8	8.08	A
cis-Chlordane	ND		ug/kg	1.92	0.536	A
trans-Chlordane	ND		ug/kg	1.92	0.508	A
Chlordane	ND		ug/kg	12.8	5.10	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437374
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/03/24 07:44
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,05-07 Batch: WG1942339-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	86		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437374
Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-07 Batch: WG1942339-2 WG1942339-3									
Delta-BHC	76		77		30-150	1		30	A
Lindane	75		75		30-150	0		30	A
Alpha-BHC	78		77		30-150	1		30	A
Beta-BHC	85		85		30-150	0		30	A
Heptachlor	78		79		30-150	1		30	A
Aldrin	74		75		30-150	1		30	A
Heptachlor epoxide	66		68		30-150	3		30	A
Endrin	79		82		30-150	4		30	A
Endrin aldehyde	77		80		30-150	4		30	A
Endrin ketone	82		85		30-150	4		30	A
Dieldrin	84		86		30-150	2		30	A
4,4'-DDE	77		78		30-150	1		30	A
4,4'-DDD	84		87		30-150	4		30	A
4,4'-DDT	83		86		30-150	4		30	A
Endosulfan I	76		77		30-150	1		30	A
Endosulfan II	81		83		30-150	2		30	A
Endosulfan sulfate	77		79		30-150	3		30	A
Methoxychlor	79		82		30-150	4		30	A
cis-Chlordane	71		72		30-150	1		30	A
trans-Chlordane	88		90		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437374

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,05-07 Batch: WG1942339-2 WG1942339-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		64		30-150	A
Decachlorobiphenyl	64		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		69		30-150	B
Decachlorobiphenyl	83		87		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437374

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-03 Date Collected: 06/21/24 09:55

Client ID: F2_2-4 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4670		mg/kg	8.64	2.33	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.32	0.328	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.49		mg/kg	0.864	0.180	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Barium, Total	46.4		mg/kg	0.864	0.150	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.237	J	mg/kg	0.432	0.029	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.864	0.085	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Calcium, Total	55300		mg/kg	8.64	3.02	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Chromium, Total	8.12		mg/kg	0.864	0.083	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Cobalt, Total	2.25		mg/kg	1.73	0.143	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Copper, Total	17.8		mg/kg	0.864	0.223	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Iron, Total	8470		mg/kg	4.32	0.780	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Lead, Total	19.0		mg/kg	4.32	0.231	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Magnesium, Total	2880		mg/kg	8.64	1.33	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Manganese, Total	134		mg/kg	0.864	0.137	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.070	0.046	1	07/03/24 07:20	07/03/24 09:32	EPA 7471B	1,7471B	JWN
Nickel, Total	5.70		mg/kg	2.16	0.209	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Potassium, Total	1160		mg/kg	216	12.4	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.73	0.223	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.432	0.244	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Sodium, Total	644		mg/kg	173	2.72	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.73	0.272	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Vanadium, Total	10.9		mg/kg	0.864	0.175	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC
Zinc, Total	55.0		mg/kg	4.32	0.253	2	07/02/24 13:52	07/02/24 22:22	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437374

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-04 Date Collected: 06/21/24 11:25

Client ID: G2_2-4 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18100		mg/kg	16.6	4.49	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	8.31	0.631	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Arsenic, Total	ND		mg/kg	1.66	0.346	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Barium, Total	205		mg/kg	1.66	0.289	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.962		mg/kg	0.831	0.055	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	1.66	0.163	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Calcium, Total	1310		mg/kg	16.6	5.82	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Chromium, Total	55.9		mg/kg	1.66	0.160	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Cobalt, Total	23.3		mg/kg	3.32	0.276	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Copper, Total	24.0		mg/kg	1.66	0.429	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Iron, Total	40100		mg/kg	8.31	1.50	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Lead, Total	6.68	J	mg/kg	8.31	0.445	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Magnesium, Total	10600		mg/kg	16.6	2.56	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Manganese, Total	483		mg/kg	1.66	0.264	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Mercury, Total	0.284		mg/kg	0.067	0.043	1	07/03/24 07:20	07/03/24 09:36	EPA 7471B	1,7471B	JWN
Nickel, Total	38.3		mg/kg	4.15	0.402	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Potassium, Total	12800		mg/kg	415	23.9	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	3.32	0.429	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.831	0.470	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Sodium, Total	172	J	mg/kg	332	5.23	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Thallium, Total	0.907	J	mg/kg	3.32	0.523	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Vanadium, Total	58.0		mg/kg	1.66	0.337	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC
Zinc, Total	115		mg/kg	8.31	0.487	4	07/02/24 13:52	07/02/24 23:00	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437374

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-06 Date Collected: 06/21/24 13:20

Client ID: G4_2-4 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13600		mg/kg	10.1	2.73	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	5.05	0.384	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Arsenic, Total	10.4		mg/kg	1.01	0.210	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Barium, Total	100		mg/kg	1.01	0.176	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.576		mg/kg	0.505	0.033	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.265	J	mg/kg	1.01	0.099	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Calcium, Total	2500		mg/kg	10.1	3.54	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Chromium, Total	27.0		mg/kg	1.01	0.097	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Cobalt, Total	9.54		mg/kg	2.02	0.168	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Copper, Total	20.4		mg/kg	1.01	0.261	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Iron, Total	20000		mg/kg	5.05	0.912	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Lead, Total	37.6		mg/kg	5.05	0.271	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Magnesium, Total	4700		mg/kg	10.1	1.56	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Manganese, Total	326		mg/kg	1.01	0.161	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Mercury, Total	1.59		mg/kg	0.080	0.052	1	07/03/24 07:20	07/03/24 09:39	EPA 7471B	1,7471B	JWN
Nickel, Total	18.4		mg/kg	2.53	0.244	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Potassium, Total	1600		mg/kg	253	14.6	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	2.02	0.261	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.505	0.286	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Sodium, Total	49.0	J	mg/kg	202	3.18	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	2.02	0.318	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Vanadium, Total	31.4		mg/kg	1.01	0.205	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC
Zinc, Total	87.2		mg/kg	5.05	0.296	2	07/02/24 13:52	07/02/24 22:36	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437374

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-07 Date Collected: 06/21/24 13:45

Client ID: G6_2-4 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16200		mg/kg	16.2	4.38	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	8.12	0.617	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Arsenic, Total	ND		mg/kg	1.62	0.338	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Barium, Total	170		mg/kg	1.62	0.283	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.645	J	mg/kg	0.812	0.054	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	1.62	0.159	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Calcium, Total	917		mg/kg	16.2	5.68	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Chromium, Total	28.3		mg/kg	1.62	0.156	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Cobalt, Total	15.3		mg/kg	3.25	0.270	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Copper, Total	14.3		mg/kg	1.62	0.419	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Iron, Total	27800		mg/kg	8.12	1.47	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Lead, Total	2.78	J	mg/kg	8.12	0.435	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Magnesium, Total	8060		mg/kg	16.2	2.50	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Manganese, Total	348		mg/kg	1.62	0.258	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.067	0.043	1	07/03/24 07:20	07/03/24 09:42	EPA 7471B	1,7471B	JWN
Nickel, Total	29.1		mg/kg	4.06	0.393	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Potassium, Total	9560		mg/kg	406	23.4	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	3.25	0.419	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.812	0.460	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Sodium, Total	60.0	J	mg/kg	325	5.12	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Thallium, Total	0.743	J	mg/kg	3.25	0.512	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Vanadium, Total	44.2		mg/kg	1.62	0.330	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC
Zinc, Total	75.8		mg/kg	8.12	0.476	4	07/02/24 13:52	07/02/24 23:06	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437374

Project Number: 3858.0004Y000 **Report Date:** 07/03/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-04,06-07 Batch: WG1942302-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Iron, Total	0.632	J	mg/kg	2.00	0.361	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	1.26	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/02/24 13:52	07/02/24 20:54	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-04,06-07 Batch: WG1942643-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/03/24 07:20	07/03/24 08:56	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437374
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437374

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04,06-07 Batch: WG1942302-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	98		-		80-120	-		
Arsenic, Total	96		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	105		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	103		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Cobalt, Total	102		-		80-120	-		
Copper, Total	99		-		80-120	-		
Iron, Total	106		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	104		-		80-120	-		
Nickel, Total	99		-		80-120	-		
Potassium, Total	102		-		80-120	-		
Selenium, Total	90		-		80-120	-		
Silver, Total	102		-		80-120	-		
Sodium, Total	101		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	103		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437374

Report Date: 07/03/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04,06-07 Batch: WG1942302-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 03-04,06-07 Batch: WG1942643-2					
Mercury, Total	106	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437374
Report Date: 07/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04,06-07 QC Batch ID: WG1942302-3 QC Sample: L2437361-01 Client ID: MS Sample												
Aluminum, Total	10500	175	9670	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	43.8	32.2	**74**	Q	-	-		75-125	-		20
Arsenic, Total	1.53	10.5	9.06	**72**	Q	-	-		75-125	-		20
Barium, Total	60.4	175	212	87		-	-		75-125	-		20
Beryllium, Total	0.475	4.38	4.49	92		-	-		75-125	-		20
Cadmium, Total	ND	4.64	4.50	97		-	-		75-125	-		20
Calcium, Total	1020	875	1460	**50**	Q	-	-		75-125	-		20
Chromium, Total	20.8	17.5	34.2	76		-	-		75-125	-		20
Cobalt, Total	7.32	43.8	48.4	94		-	-		75-125	-		20
Copper, Total	18.1	21.9	36.6	84		-	-		75-125	-		20
Iron, Total	17000	87.5	15600	**0**	Q	-	-		75-125	-		20
Lead, Total	4.49	46.4	46.9	91		-	-		75-125	-		20
Magnesium, Total	4480	875	4710	**26**	Q	-	-		75-125	-		20
Manganese, Total	325	43.8	322	**0**	Q	-	-		75-125	-		20
Nickel, Total	15.3	43.8	53.8	88		-	-		75-125	-		20
Potassium, Total	1860	875	2490	**72**	Q	-	-		75-125	-		20
Selenium, Total	ND	10.5	7.07	**67**	Q	-	-		75-125	-		20
Silver, Total	ND	4.38	4.07	93		-	-		75-125	-		20
Sodium, Total	41.1J	875	830	95		-	-		75-125	-		20
Thallium, Total	ND	10.5	9.22	88		-	-		75-125	-		20
Vanadium, Total	26.4	43.8	63.8	85		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437374
Report Date: 07/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04,06-07 QC Batch ID: WG1942302-3 QC Sample: L2437361-01 Client ID: MS Sample									
Zinc, Total	38.0	43.8	75.8	86	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 03-04,06-07 QC Batch ID: WG1942643-3 WG1942643-4 QC Sample: L2437277-05 Client ID: MS Sample									
Mercury, Total	ND	1.46	1.43	98	1.57	106	80-120	9	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437374
Report Date: 07/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04,06-07 QC Batch ID: WG1942302-4 QC Sample: L2437361-01 Client ID: DUP Sample						
Aluminum, Total	10500	10100	mg/kg	4		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.53	1.74	mg/kg	13		20
Barium, Total	60.4	67.9	mg/kg	12		20
Beryllium, Total	0.475	0.469	mg/kg	1		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	1020	779	mg/kg	**27**	Q	20
Chromium, Total	20.8	17.8	mg/kg	16		20
Cobalt, Total	7.32	6.42	mg/kg	13		20
Copper, Total	18.1	15.8	mg/kg	14		20
Iron, Total	17000	16300	mg/kg	4		20
Lead, Total	4.49	3.88J	mg/kg	NC		20
Magnesium, Total	4480	3880	mg/kg	14		20
Manganese, Total	325	320	mg/kg	2		20
Nickel, Total	15.3	13.6	mg/kg	12		20
Potassium, Total	1860	2020	mg/kg	8		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	41.1J	40.3J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437374

Report Date: 07/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04,06-07 QC Batch ID: WG1942302-4 QC Sample: L2437361-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	26.4	23.3	mg/kg	12	20
Zinc, Total	38.0	33.9	mg/kg	11	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2437374
Report Date: 07/03/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04,06-07 QC Batch ID: WG1942302-6 QC Sample: L2437361-01 Client ID: DUP Sample						
Aluminum, Total	10500	10800	mg/kg	3		20
Barium, Total	60.4	61.6	mg/kg	2		20
Calcium, Total	1020	1080	mg/kg	6		20
Iron, Total	17000	18300	mg/kg	8		20
Magnesium, Total	4480	4710	mg/kg	5		20
Manganese, Total	325	342	mg/kg	5		20
Selenium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	26.4	27.8	mg/kg	5		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437374
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-01
Client ID: F4_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 08:35
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	07/02/24 15:20	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437374
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-02
Client ID: F3_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 09:15
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	07/02/24 15:20	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437374
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-03
Client ID: F2_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 09:55
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	07/02/24 15:20	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437374
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-04
Client ID: G2_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 11:25
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.7		%	0.100	NA	1	-	07/02/24 15:20	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437374
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-05
Client ID: G3_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 12:50
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.1		%	0.100	NA	1	-	07/02/24 15:20	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437374
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-06
Client ID: G4_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 13:20
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.6		%	0.100	NA	1	-	07/02/24 15:20	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437374
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2437374-07
Client ID: G6_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 13:45
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.5		%	0.100	NA	1	-	07/02/24 15:20	121,2540G	SJB

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437374

Report Date: 07/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1942426-1 QC Sample: L2437361-01 Client ID: DUP Sample						
Solids, Total	89.7	89.2	%	1		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437374
Report Date: 07/03/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437374-01C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		TS(7),NYTCL-8081(14)
L2437374-02C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		TS(7),NYTCL-8081(14)
L2437374-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2437374-03C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		TS(7)
L2437374-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2437374-04C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		TS(7)
L2437374-05C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		TS(7),NYTCL-8081(14)
L2437374-06A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2437374-06C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		TS(7),NYTCL-8081(14)
L2437374-07A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2437374-07C	Plastic 2oz unpreserved for TS	A	NA		5.0	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437374
Report Date: 07/03/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437374
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437374
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437374
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437374
Project Number:	3858.0004Y000	**Report Date:**	07/03/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/22/24

ALPHA Job #: L2437374 DJL 7/2/24

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐
Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS
TCL/Part 375 VOCs + 10 TICs, Total Solids
TCL/Part 375 BNA/SVOCs
TAL/Part 375 Metals
Hexavalent Chromium
TCL/Part 375 Pesticides
TCL/Part 375 Herbicides
NYTCL-8081
TAL

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments	Total # Bottles
37374 -01	FH-0-0.2	6/21/24	0825	S	EL		3
	FH-0.2-2		0830	S	EL		7
	FH-2-4		0935	S	EL	HOLD	3
	FH-4-6		0840	S	EL	HOLD	3
	F3-0-0.2		0905	S	EL		3
	F3-0.2-2		0910	S	EL	MS/MSD	21
-02	F3-2-4		0915	S	EL	HOLD	3
	F3-4-6		0920	S	EL	HOLD	3
	F2-0-0.2		0945	S	EL		3
	F2-0.2-2		0950	S	EL		7

NYTCL-8081: X (F3-0-0.2, F3-2-4)

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/21/24 1440	UPS (PACE)	6/21/24, 15:15
UPS	6/21/24, 18:30	NJSC	6/21/24, 18:38
NJSC	6/21/24, 18:38		6/21/24 1840
	6/22 0A		6/22/24 0045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 4

Date Rec'd in Lab: 06/22/24

L2437374 DJL 7/2/24
ALPHA Job #: L2437374

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	NYTCL-8081	TAL	Sample Specific Comments	Total Bottles
37374 -03	F2 - 2-4	6/21/24	0955	S	EL			H	H	H	H		X	HOLD	3
-12	F2 - 4-6		1000	S	EL			H	H	H	H			HOLD	3
-13	G1 - 0-0.2		1040	S	EL			X	X	X	X				3
-14	G1 - 0.2-2		1045	S	EL	X	X	X	X	X	X				7
-15	G1 - 2-4		1050	S	EL			H	H	H	H			HOLD	3
-16	G1 - 4-6		1055	S	EL			H	H	H	H			HOLD	3
-17	G2 - 0-0.2		1115	S	EL			X	X	X	X				3
-18	G2 - 0.2-2		1120	S	EL	X	X	X	X	X	X				7
-04	G2 - 2-4		1125	S	EL			H	H	H	H		X	HOLD	3
-02	G2 - 4-6		1130	S	EL			H	H	H	H			HOLD	3

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/21/24 1440	GJAC (PACE)	6/21/24, 15:15
GJAC	6/21/24, 18:38	NJSC	6/21/24, 18:38
NJSC	6/21/24, 18:38		6/21/24 18:40
	6/21/24		6/22 2200
	6/22 0945		6/22/24 0015

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 4

Date Rec'd In Lab 06/22/24

L2437374 DJL 7/2/24
ALPHA Job # L2437374

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	NYTCL-8081	TAL	Sample Specific Comments	Total Bottles
37374 -21	B3-0-0.2	6/21/24	1240	S	EL			X	X	X	X				3
-22	B3-0.2-2		1245	S	EL	X	X	X	X	X	X				7
37374 -05	B3-2-4		1250	S	EL			H	H	H	H	X		H20	3
-24	B3-4-6		1255	S	EL			H	H	H	H			H20	3
-25	FB-06212024		1300	W	EL			X	X	X	X				6
-26	B4-0-0.2		1310	S	EL			X	X	X	X				3
-27	B4-0.2-2		1315	S	EL	X	X	X	X	X	X				7
-06	B4-2-4		1320	S	EL			H	H	H	H	X	X	H20	3
-29	B4-4-6		1325	S	EL			H	H	H	H			H20	3
-30	B6-0-0.2		1335	S	EL			X	X	X	X				3
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/21/24 1440	GJAC (PACE)	6/21/24, 15:15
GJAC	6/21/24, 18:38	NJSC	6/21/24, 18:38
NJSC	6/21/24, 18:38		6/21/24 18:40
	6/21/24		6/22 2200
	6/22		6/22/24 0045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL LABORATORIES

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ~~4~~ 4 of 4

Date Rec'd in Lab: 06/22/24

L2437374 DJL 7/2/24
ALPHA Job #: ~~L2435399~~

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	NYTCL-8081	TAL	Sample Specific Comments	Total Bottles
~~2537491~~ -31	MW-6-0.2-2	6/21/24	1340	S	EL	X	X	X	X	X	X				1
37374 -07	MW-6-2-4	"	1345	S	EL			H	H	H	H	X	X	HOLD	3
~~-33~~	MW-6-4-6	"	1350	S	EL			H	H	H	H			HOLD	3
~~-34~~	TB-06212024	6/20/24	—	W	EL	X									2

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/21/24 1440	GJTAC (PACE)	6/21/24, 15:15
GJTAC	6/21/24, 18:38	NJSC	6/21/24 18:38
NJSC	6/21/24 18:38		6/21/24 18:40
	6/21/24		6/22 2000
	6/22 0045		6/22/24 0045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2437556
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/10/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437556
Report Date: 07/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2437556-01	F13_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/19/24 13:15	06/19/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437556
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437556
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 07/10/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437556
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2437556-01
Client ID: F13_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/19/24 13:15
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/24 11:38
Analyst: JAG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 12:03
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.750	0.335	1	A
Alpha-BHC	ND		ug/kg	0.750	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.683	1	A
Heptachlor	ND		ug/kg	0.900	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.634	1	A
Heptachlor epoxide	2.63	J	ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.750	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.788	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	15.5		ug/kg	1.12	0.563	1	B
4,4'-DDE	2.88		ug/kg	1.80	0.416	1	B
4,4'-DDD	1.10	J	ug/kg	1.80	0.642	1	A
4,4'-DDT	ND		ug/kg	1.80	1.45	1	B
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.750	0.357	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.45	1	A
cis-Chlordane	16.2	IP	ug/kg	2.25	0.627	1	B
trans-Chlordane	12.3	IP	ug/kg	2.25	0.594	1	A
Chlordane	152		ug/kg	15.0	5.96	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2437556

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2437556-01 Date Collected: 06/19/24 13:15

Client ID: F13_4-6 Date Received: 06/19/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437556
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/03/24 07:44
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1942339-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.641	0.286	A
Alpha-BHC	ND		ug/kg	0.641	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.583	A
Heptachlor	ND		ug/kg	0.769	0.345	A
Aldrin	ND		ug/kg	1.54	0.542	A
Heptachlor epoxide	ND		ug/kg	2.88	0.865	A
Endrin	ND		ug/kg	0.641	0.263	A
Endrin aldehyde	ND		ug/kg	1.92	0.673	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.962	0.481	A
4,4'-DDE	ND		ug/kg	1.54	0.356	A
4,4'-DDD	ND		ug/kg	1.54	0.549	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.514	A
Endosulfan sulfate	ND		ug/kg	0.641	0.305	A
Methoxychlor	ND		ug/kg	2.88	0.897	A
Toxaphene	ND		ug/kg	28.8	8.08	A
cis-Chlordane	ND		ug/kg	1.92	0.536	A
trans-Chlordane	ND		ug/kg	1.92	0.508	A
Chlordane	ND		ug/kg	12.8	5.10	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437556
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/03/24 07:44
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 13:01
Cleanup Method: EPA 3620B
Cleanup Date: 07/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1942339-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437556

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1942339-2 WG1942339-3									
Delta-BHC	76		77		30-150	1		30	A
Lindane	75		75		30-150	0		30	A
Alpha-BHC	78		77		30-150	1		30	A
Beta-BHC	85		85		30-150	0		30	A
Heptachlor	78		79		30-150	1		30	A
Aldrin	74		75		30-150	1		30	A
Heptachlor epoxide	66		68		30-150	3		30	A
Endrin	79		82		30-150	4		30	A
Endrin aldehyde	77		80		30-150	4		30	A
Endrin ketone	82		85		30-150	4		30	A
Dieldrin	84		86		30-150	2		30	A
4,4'-DDE	77		78		30-150	1		30	A
4,4'-DDD	84		87		30-150	4		30	A
4,4'-DDT	83		86		30-150	4		30	A
Endosulfan I	76		77		30-150	1		30	A
Endosulfan II	81		83		30-150	2		30	A
Endosulfan sulfate	77		79		30-150	3		30	A
Methoxychlor	79		82		30-150	4		30	A
cis-Chlordane	71		72		30-150	1		30	A
trans-Chlordane	88		90		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437556

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1942339-2 WG1942339-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		64		30-150	A
Decachlorobiphenyl	64		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		69		30-150	B
Decachlorobiphenyl	83		87		30-150	B

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2437556
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2437556-01
Client ID: F13_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/19/24 13:15
Date Received: 06/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	07/03/24 07:49	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2437556

Report Date: 07/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1942713-1 QC Sample: L2436739-01 Client ID: DUP Sample						
Solids, Total	42.7	44.4	%	4		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2437556
Report Date: 07/10/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437556-01B	Glass 120ml/4oz unpreserved	B	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437556
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437556
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437556
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2437556
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2437556 EMO 7/2/24

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd In Lab: 6/20/24

ALPHA Job #: ~~L2434640~~

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☑ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility
☐ NJ ☐ NY
☐ Other

These samples have been previously analyzed by Alpha ☐
Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide NYTCL-8081	Sample Specific Comments	# of Bottles
~~3744~~ 21	F13-0-0.2	6/19/24	1300	S	EL			X	X	X	X				3
22	F13-0.2-2		1305	S	EL	X	X	X	X	X	X	X	X		7
23	F13-2-4		1310	S	EL			H	H	H	H			HOLD	3
3755601 24	F13-4-6		1315	S	EL			H	H	H	H		X	~~HOLD~~	3
25	F12-0-0.2		1345	S	EL			X	X	X	X				3
26	F12-0.2-2		1350	S	EL	X	X	X	X	X	X	X	X		7
27	F12-2-4		1355	S	EL			H	H	H	H			HOLD	3
28	F12-4-6		1400	S	EL			H	H	H	H			HOLD	3
29	DUP-06192024		1200	S	EL			X	X	X	X				3
30	FB-06192024		0930	W	EL			X	X	X	X				6
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By	Date/Time	Received By	Date/Time
EL	6/19/24 1445	GOJAC (PACE)	6/19/24, 14:45
GOJAC	6/19/24, 18:25	NJSC	6/19/24, 18:24
NJSC	6/19/24, 18:25		6/19/24 2330
	6/19/24 2330		6/20/24 0200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2438026
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/08/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438026
Report Date: 07/08/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2438026-01	G15_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 08:35	06/25/24
L2438026-02	H14_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 10:10	06/25/24
L2438026-03	H13_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 10:50	06/25/24
L2438026-04	H12_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 12:05	06/25/24
L2438026-05	H11_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 12:30	06/25/24
L2438026-06	H10_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 13:00	06/25/24
L2438026-07	H9_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 13:25	06/25/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438026
Project Number:	3858.0004Y000	**Report Date:**	07/08/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438026
Project Number:	3858.0004Y000	**Report Date:**	07/08/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2438026-01, -03, -04, -05, and -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 07/08/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438026
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-02
Client ID: H14_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 10:10
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/06/24 10:27
Analyst: EJL
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 17:23
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.733	0.328	1	A
Alpha-BHC	ND		ug/kg	0.733	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.667	1	A
Heptachlor	ND		ug/kg	0.880	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.619	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.990	1	A
Endrin	ND		ug/kg	0.733	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.770	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	ND		ug/kg	1.10	0.550	1	A
4,4'-DDE	ND		ug/kg	1.76	0.407	1	A
4,4'-DDD	ND		ug/kg	1.76	0.628	1	A
4,4'-DDT	ND		ug/kg	1.76	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.733	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.03	1	A
Toxaphene	ND		ug/kg	33.0	9.24	1	A
cis-Chlordane	ND		ug/kg	2.20	0.613	1	A
trans-Chlordane	ND		ug/kg	2.20	0.580	1	A
Chlordane	ND		ug/kg	14.7	5.83	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438026

Project Number: 3858.0004Y000 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-02 Date Collected: 06/25/24 10:10

Client ID: H14_2-4 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2438026
Project Number: 3858.0004Y000
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-03
Client ID: H13_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 10:50
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/06/24 10:39
Analyst: EJL
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 17:23
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.696	0.311	1	A
Alpha-BHC	ND		ug/kg	0.696	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.633	1	A
Heptachlor	ND		ug/kg	0.835	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.588	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.939	1	A
Endrin	ND		ug/kg	0.696	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.730	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	0.592	J	ug/kg	1.04	0.522	1	A
4,4'-DDE	2.60		ug/kg	1.67	0.386	1	B
4,4'-DDD	ND		ug/kg	1.67	0.596	1	A
4,4'-DDT	ND		ug/kg	1.67	1.34	1	B
Endosulfan I	ND		ug/kg	1.67	0.394	1	A
Endosulfan II	ND		ug/kg	1.67	0.558	1	A
Endosulfan sulfate	ND		ug/kg	0.696	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.974	1	A
Toxaphene	ND		ug/kg	31.3	8.76	1	A
cis-Chlordane	ND		ug/kg	2.09	0.582	1	A
trans-Chlordane	ND		ug/kg	2.09	0.551	1	A
Chlordane	ND		ug/kg	13.9	5.53	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438026

Project Number: 3858.0004Y000 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-03 Date Collected: 06/25/24 10:50

Client ID: H13_2-4 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2438026
Project Number: 3858.0004Y000
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-05
Client ID: H11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 12:30
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/06/24 10:51
Analyst: EJL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 17:23
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.612	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.978	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.761	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.620	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.581	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.13	1	A
cis-Chlordane	ND		ug/kg	2.17	0.606	1	A
trans-Chlordane	ND		ug/kg	2.17	0.574	1	A
Chlordane	ND		ug/kg	14.5	5.76	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438026

Project Number: 3858.0004Y000 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-05 Date Collected: 06/25/24 12:30

Client ID: H11_2-4 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438026
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-06
Client ID: H10_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 13:00
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/06/24 11:02
Analyst: EJL
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 17:23
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.746	0.334	1	A
Alpha-BHC	ND		ug/kg	0.746	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.679	1	A
Heptachlor	ND		ug/kg	0.896	0.402	1	A
Aldrin	ND		ug/kg	1.79	0.631	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.746	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.784	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	ND		ug/kg	1.12	0.560	1	A
4,4'-DDE	0.520	JIP	ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.639	1	A
4,4'-DDT	ND		ug/kg	1.79	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.746	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.40	1	A
cis-Chlordane	ND		ug/kg	2.24	0.624	1	A
trans-Chlordane	ND		ug/kg	2.24	0.591	1	A
Chlordane	ND		ug/kg	14.9	5.93	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438026

Project Number: 3858.0004Y000 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-06 Date Collected: 06/25/24 13:00

Client ID: H10_2-4 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2438026
Project Number: 3858.0004Y000
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-07
Client ID: H9_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 13:25
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/06/24 11:14
Analyst: EJL
Percent Solids: 64%

Extraction Method: EPA 3546
Extraction Date: 07/05/24 17:23
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.48	0.485	1	A
Lindane	ND		ug/kg	1.03	0.462	1	A
Alpha-BHC	ND		ug/kg	1.03	0.293	1	A
Beta-BHC	ND		ug/kg	2.48	0.940	1	A
Heptachlor	ND		ug/kg	1.24	0.556	1	A
Aldrin	ND		ug/kg	2.48	0.872	1	A
Heptachlor epoxide	2.08	J	ug/kg	4.65	1.39	1	A
Endrin	ND		ug/kg	1.03	0.423	1	A
Endrin aldehyde	ND		ug/kg	3.10	1.08	1	A
Endrin ketone	ND		ug/kg	2.48	0.638	1	A
Dieldrin	1.02	J	ug/kg	1.55	0.774	1	B
4,4'-DDE	39.4		ug/kg	2.48	0.573	1	B
4,4'-DDD	ND		ug/kg	2.48	0.884	1	B
4,4'-DDT	7.21		ug/kg	2.48	1.99	1	B
Endosulfan I	ND		ug/kg	2.48	0.585	1	A
Endosulfan II	ND		ug/kg	2.48	0.828	1	A
Endosulfan sulfate	ND		ug/kg	1.03	0.491	1	A
Methoxychlor	ND		ug/kg	4.65	1.44	1	A
Toxaphene	ND		ug/kg	46.5	13.0	1	A
cis-Chlordane	1.22	JIP	ug/kg	3.10	0.863	1	B
trans-Chlordane	1.89	J	ug/kg	3.10	0.818	1	A
Chlordane	ND		ug/kg	20.6	8.21	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438026

Project Number: 3858.0004Y000 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-07 Date Collected: 06/25/24 13:25

Client ID: H9_2-4 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438026
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/06/24 09:51
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 07/05/24 17:23
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-03,05-07 Batch: WG1943642-1						
Delta-BHC	ND		ug/kg	1.54	0.303	A
Lindane	ND		ug/kg	0.644	0.288	A
Alpha-BHC	ND		ug/kg	0.644	0.183	A
Beta-BHC	ND		ug/kg	1.54	0.586	A
Heptachlor	ND		ug/kg	0.773	0.346	A
Aldrin	ND		ug/kg	1.54	0.544	A
Heptachlor epoxide	ND		ug/kg	2.90	0.869	A
Endrin	ND		ug/kg	0.644	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.676	A
Endrin ketone	ND		ug/kg	1.54	0.398	A
Dieldrin	ND		ug/kg	0.966	0.483	A
4,4'-DDE	ND		ug/kg	1.54	0.357	A
4,4'-DDD	ND		ug/kg	1.54	0.551	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.365	A
Endosulfan II	ND		ug/kg	1.54	0.516	A
Endosulfan sulfate	ND		ug/kg	0.644	0.306	A
Methoxychlor	ND		ug/kg	2.90	0.901	A
Toxaphene	ND		ug/kg	29.0	8.11	A
cis-Chlordane	ND		ug/kg	1.93	0.538	A
trans-Chlordane	ND		ug/kg	1.93	0.510	A
Chlordane	ND		ug/kg	12.9	5.12	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438026
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/06/24 09:51
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 07/05/24 17:23
Cleanup Method: EPA 3620B
Cleanup Date: 07/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-03,05-07 Batch: WG1943642-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	77		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438026

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-03,05-07 Batch: WG1943642-2 WG1943642-3									
Delta-BHC	76		82		30-150	8		30	A
Lindane	78		84		30-150	7		30	A
Alpha-BHC	74		82		30-150	10		30	A
Beta-BHC	81		87		30-150	7		30	A
Heptachlor	75		81		30-150	8		30	A
Aldrin	76		82		30-150	8		30	A
Heptachlor epoxide	70		76		30-150	8		30	A
Endrin	82		91		30-150	10		30	A
Endrin aldehyde	70		77		30-150	10		30	A
Endrin ketone	79		88		30-150	11		30	A
Dieldrin	82		90		30-150	9		30	A
4,4'-DDE	77		84		30-150	9		30	A
4,4'-DDD	82		92		30-150	11		30	A
4,4'-DDT	75		86		30-150	14		30	A
Endosulfan I	75		82		30-150	9		30	A
Endosulfan II	78		86		30-150	10		30	A
Endosulfan sulfate	74		83		30-150	11		30	A
Methoxychlor	86		99		30-150	14		30	A
cis-Chlordane	70		75		30-150	7		30	A
trans-Chlordane	72		76		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438026

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-03,05-07 Batch: WG1943642-2 WG1943642-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		66		30-150	A
Decachlorobiphenyl	71		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		81		30-150	B
Decachlorobiphenyl	76		89		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438026

Project Number: 3858.0004Y000 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-01 Date Collected: 06/25/24 08:35

Client ID: G15_2-4 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8100		mg/kg	8.78	2.37	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Antimony, Total	0.449	J	mg/kg	4.39	0.334	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.64		mg/kg	0.878	0.183	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Barium, Total	45.3		mg/kg	0.878	0.153	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.232	J	mg/kg	0.439	0.029	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.878	0.086	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Calcium, Total	1090		mg/kg	8.78	3.07	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Chromium, Total	12.2		mg/kg	0.878	0.084	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.76		mg/kg	1.76	0.146	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Copper, Total	12.8		mg/kg	0.878	0.227	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Iron, Total	11800		mg/kg	4.39	0.793	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Lead, Total	3.30	J	mg/kg	4.39	0.235	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Magnesium, Total	2550		mg/kg	8.78	1.35	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Manganese, Total	292		mg/kg	0.878	0.140	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.076	0.049	1	07/05/24 16:22	07/06/24 17:11	EPA 7471B	1,7471B	DJR
Nickel, Total	10.0		mg/kg	2.20	0.213	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Potassium, Total	1230		mg/kg	220	12.6	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.76	0.227	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.439	0.249	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Sodium, Total	43.2	J	mg/kg	176	2.77	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Thallium, Total	0.412	J	mg/kg	1.76	0.277	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Vanadium, Total	17.1		mg/kg	0.878	0.178	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF
Zinc, Total	22.2		mg/kg	4.39	0.257	2	07/05/24 14:55	07/06/24 10:36	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438026

Project Number: 3858.0004Y000 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-03 Date Collected: 06/25/24 10:50

Client ID: H13_2-4 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4510		mg/kg	8.36	2.26	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.18	0.318	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Arsenic, Total	0.984		mg/kg	0.836	0.174	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Barium, Total	23.2		mg/kg	0.836	0.146	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.163	J	mg/kg	0.418	0.028	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.836	0.082	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Calcium, Total	160		mg/kg	8.36	2.93	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Chromium, Total	8.98		mg/kg	0.836	0.080	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Cobalt, Total	3.09		mg/kg	1.67	0.139	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Copper, Total	5.36		mg/kg	0.836	0.216	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Iron, Total	8720		mg/kg	4.18	0.755	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Lead, Total	2.98	J	mg/kg	4.18	0.224	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Magnesium, Total	1310		mg/kg	8.36	1.29	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Manganese, Total	235		mg/kg	0.836	0.133	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.071	0.046	1	07/05/24 16:22	07/06/24 17:14	EPA 7471B	1,7471B	DJR
Nickel, Total	6.73		mg/kg	2.09	0.202	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Potassium, Total	632		mg/kg	209	12.0	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.67	0.216	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.418	0.237	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Sodium, Total	14.2	J	mg/kg	167	2.63	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.67	0.263	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Vanadium, Total	10.6		mg/kg	0.836	0.170	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF
Zinc, Total	13.6		mg/kg	4.18	0.245	2	07/05/24 14:55	07/06/24 10:40	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438026

Project Number: 3858.0004Y000 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-04 Date Collected: 06/25/24 12:05

Client ID: H12_2-4 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7690		mg/kg	7.96	2.15	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Antimony, Total	0.388	J	mg/kg	3.98	0.302	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.89		mg/kg	0.796	0.166	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Barium, Total	37.5		mg/kg	0.796	0.138	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.194	J	mg/kg	0.398	0.026	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.129	J	mg/kg	0.796	0.078	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Calcium, Total	478		mg/kg	7.96	2.78	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Chromium, Total	16.6		mg/kg	0.796	0.076	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.65		mg/kg	1.59	0.132	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Copper, Total	8.84		mg/kg	0.796	0.205	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Iron, Total	11300		mg/kg	3.98	0.718	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Lead, Total	3.36	J	mg/kg	3.98	0.213	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Magnesium, Total	3810		mg/kg	7.96	1.22	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Manganese, Total	155		mg/kg	0.796	0.126	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	07/05/24 16:22	07/06/24 17:24	EPA 7471B	1,7471B	DJR
Nickel, Total	10.8		mg/kg	1.99	0.192	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Potassium, Total	1970		mg/kg	199	11.4	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.59	0.205	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.398	0.225	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Sodium, Total	26.9	J	mg/kg	159	2.51	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Thallium, Total	0.542	J	mg/kg	1.59	0.251	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Vanadium, Total	16.5		mg/kg	0.796	0.162	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF
Zinc, Total	29.3		mg/kg	3.98	0.233	2	07/05/24 14:55	07/06/24 11:25	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438026

Project Number: 3858.0004Y000 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-05 Date Collected: 06/25/24 12:30

Client ID: H11_2-4 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9950		mg/kg	8.49	2.29	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.25	0.323	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.68		mg/kg	0.849	0.177	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Barium, Total	67.4		mg/kg	0.849	0.148	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.301	J	mg/kg	0.425	0.028	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.849	0.083	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Calcium, Total	794		mg/kg	8.49	2.97	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Chromium, Total	16.8		mg/kg	0.849	0.082	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.25		mg/kg	1.70	0.141	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Copper, Total	16.4		mg/kg	0.849	0.219	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Iron, Total	13000		mg/kg	4.25	0.767	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Lead, Total	3.56	J	mg/kg	4.25	0.228	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Magnesium, Total	3230		mg/kg	8.49	1.31	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Manganese, Total	306		mg/kg	0.849	0.135	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.077	0.050	1	07/05/24 16:22	07/06/24 17:27	EPA 7471B	1,7471B	DJR
Nickel, Total	11.8		mg/kg	2.12	0.206	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Potassium, Total	1700		mg/kg	212	12.2	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.70	0.219	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.425	0.240	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Sodium, Total	46.6	J	mg/kg	170	2.68	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Thallium, Total	0.553	J	mg/kg	1.70	0.268	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Vanadium, Total	20.3		mg/kg	0.849	0.172	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF
Zinc, Total	25.6		mg/kg	4.25	0.249	2	07/05/24 14:55	07/06/24 12:53	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438026

Project Number: 3858.0004Y000 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-07 Date Collected: 06/25/24 13:25

Client ID: H9_2-4 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 64%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	19700		mg/kg	12.4	3.34	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	6.18	0.470	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Arsenic, Total	9.33		mg/kg	1.24	0.257	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Barium, Total	77.0		mg/kg	1.24	0.215	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.750		mg/kg	0.618	0.041	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.133	J	mg/kg	1.24	0.121	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Calcium, Total	425		mg/kg	12.4	4.33	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Chromium, Total	21.3		mg/kg	1.24	0.119	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.05		mg/kg	2.47	0.205	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Copper, Total	9.47		mg/kg	1.24	0.319	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Iron, Total	20500		mg/kg	6.18	1.12	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Lead, Total	27.5		mg/kg	6.18	0.332	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Magnesium, Total	4250		mg/kg	12.4	1.90	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Manganese, Total	471		mg/kg	1.24	0.197	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Mercury, Total	0.380		mg/kg	0.124	0.081	1	07/05/24 16:22	07/06/24 17:30	EPA 7471B	1,7471B	DJR
Nickel, Total	14.6		mg/kg	3.09	0.299	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Potassium, Total	454		mg/kg	309	17.8	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Selenium, Total	0.458	J	mg/kg	2.47	0.319	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.618	0.350	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Sodium, Total	22.7	J	mg/kg	247	3.90	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Thallium, Total	0.622	J	mg/kg	2.47	0.390	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Vanadium, Total	29.7		mg/kg	1.24	0.251	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF
Zinc, Total	58.9		mg/kg	6.18	0.362	2	07/05/24 14:55	07/06/24 11:46	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438026

Project Number: 3858.0004Y000 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03-05,07 Batch: WG1943463-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Iron, Total	0.936	J	mg/kg	2.00	0.361	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/05/24 14:55	07/06/24 10:18	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03-05,07 Batch: WG1943464-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/05/24 16:22	07/06/24 16:54	1,7471B	DJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438026
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438026

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-05,07 Batch: WG1943463-2								
Aluminum, Total	109		-		80-120	-		
Antimony, Total	106		-		80-120	-		
Arsenic, Total	86		-		80-120	-		
Barium, Total	107		-		80-120	-		
Beryllium, Total	107		-		80-120	-		
Cadmium, Total	104		-		80-120	-		
Calcium, Total	88		-		80-120	-		
Chromium, Total	105		-		80-120	-		
Cobalt, Total	106		-		80-120	-		
Copper, Total	107		-		80-120	-		
Iron, Total	107		-		80-120	-		
Lead, Total	88		-		80-120	-		
Magnesium, Total	87		-		80-120	-		
Manganese, Total	105		-		80-120	-		
Nickel, Total	103		-		80-120	-		
Potassium, Total	92		-		80-120	-		
Selenium, Total	86		-		80-120	-		
Silver, Total	105		-		80-120	-		
Sodium, Total	91		-		80-120	-		
Thallium, Total	88		-		80-120	-		
Vanadium, Total	106		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438026

Report Date: 07/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-05,07 Batch: WG1943463-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03-05,07 Batch: WG1943464-2					
Mercury, Total	98	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438026
Report Date: 07/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-05,07 QC Batch ID: WG1943463-3 QC Sample: L2437647-02 Client ID: MS Sample												
Aluminum, Total	13900	890	16500	**292**	Q	-	-		75-125	-		20
Antimony, Total	12.7J	222	226	102		-	-		75-125	-		20
Arsenic, Total	17.2	53.4	71.0	101		-	-		75-125	-		20
Barium, Total	77.8	890	1020	106		-	-		75-125	-		20
Beryllium, Total	0.652J	22.2	23.5	106		-	-		75-125	-		20
Cadmium, Total	30.3	23.6	54.0	100		-	-		75-125	-		20
Calcium, Total	14200	4450	13300	**0**	Q	-	-		75-125	-		20
Chromium, Total	212	89	332	**135**	Q	-	-		75-125	-		20
Cobalt, Total	15.6	222	234	98		-	-		75-125	-		20
Copper, Total	746	111	938	**172**	Q	-	-		75-125	-		20
Iron, Total	45800	445	53600	**1750**	Q	-	-		75-125	-		20
Lead, Total	284	236	541	109		-	-		75-125	-		20
Magnesium, Total	5480	4450	9860	98		-	-		75-125	-		20
Manganese, Total	342	222	628	**128**	Q	-	-		75-125	-		20
Nickel, Total	126	222	363	106		-	-		75-125	-		20
Potassium, Total	2190	4450	6680	101		-	-		75-125	-		20
Selenium, Total	1.26J	53.4	53.0	99		-	-		75-125	-		20
Silver, Total	1.62J	22.2	24.0	108		-	-		75-125	-		20
Sodium, Total	365J	4450	4860	109		-	-		75-125	-		20
Thallium, Total	ND	53.4	51.9	97		-	-		75-125	-		20
Vanadium, Total	67.5	222	294	102		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438026
Report Date: 07/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-05,07 QC Batch ID: WG1943463-3 QC Sample: L2437647-02 Client ID: MS Sample										
Zinc, Total	16400	222	18200	**809**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03-05,07 QC Batch ID: WG1943464-3 QC Sample: L2437647-02 Client ID: MS Sample										
Mercury, Total	ND	8.65	8.62	100		-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438026
Report Date: 07/08/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-05,07 QC Batch ID: WG1943463-4 QC Sample: L2437647-02 Client ID: DUP Sample						
Arsenic, Total	17.2	16.6	mg/kg	4		20
Barium, Total	77.8	136	mg/kg	**54**	Q	20
Cadmium, Total	30.3	26.9	mg/kg	12		20
Chromium, Total	212	216	mg/kg	2		20
Lead, Total	284	283	mg/kg	0		20
Selenium, Total	1.26J	1.43J	mg/kg	NC		20
Silver, Total	1.62J	1.47J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01,03-05,07 QC Batch ID: WG1943464-4 QC Sample: L2437647-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438026
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-01
Client ID: G15_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 08:35
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	07/06/24 02:24	121,2540G	ODJ

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438026
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-02
Client ID: H14_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 10:10
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	07/06/24 02:24	121,2540G	ODJ

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438026
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-03
Client ID: H13_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 10:50
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.4		%	0.100	NA	1	-	07/06/24 02:24	121,2540G	ODJ

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438026
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-04
Client ID: H12_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 12:05
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.3		%	0.100	NA	1	-	07/06/24 02:24	121,2540G	ODJ

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438026
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-05
Client ID: H11_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 12:30
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	07/06/24 02:24	121,2540G	ODJ

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438026
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-06
Client ID: H10_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 13:00
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	07/06/24 02:24	121,2540G	ODJ

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438026
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2438026-07
Client ID: H9_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 13:25
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	63.8		%	0.100	NA	1	-	07/06/24 02:24	121,2540G	ODJ

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438026

Report Date: 07/08/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1943702-1 QC Sample: L2438026-01 Client ID: G15_2-4						
Solids, Total	90.7	91.2	%	1		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438026
Report Date: 07/08/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2438026-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2438026-01C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2438026-02C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		TS(7),NYTCL-8081(14)
L2438026-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2438026-03C	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		TS(7),NYTCL-8081(14)
L2438026-04A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2438026-04C	Glass 250ml/8oz unpreserved	C	NA		2.6	Y	Absent		TS(7)
L2438026-05A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2438026-05C	Glass 250ml/8oz unpreserved	C	NA		2.6	Y	Absent		TS(7),NYTCL-8081(14)
L2438026-06C	Glass 250ml/8oz unpreserved	C	NA		2.6	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438026
Report Date: 07/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2438026-07A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2438026-07C	Glass 250ml/8oz unpreserved	C	NA		2.6	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438026
Project Number:	3858.0004Y000	**Report Date:**	07/08/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438026
Project Number:	3858.0004Y000	**Report Date:**	07/08/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438026
Project Number:	3858.0004Y000	**Report Date:**	07/08/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438026
Project Number:	3858.0004Y000	**Report Date:**	07/08/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/26/24

L2438026 WMC 7/3/24
ALPHA Job #: L2438026

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
[redacted]	GIS-0-0.2	6/25/24	0825	S	EL			X	X	X	X				3
[redacted]	GIS-0.2-2		0830	S	EL	X	X	X	X	X	X	X	X		7
-01 [redacted]	GIS-2-4		0835	S	EL			X	H	H	H			[redacted]	3
[redacted]	GIS-4-6		0840	S	EL			H	H	H	H			HOLD	3
[redacted]	~~to~~ HIS-0-0.2		0910	S	EL			X	X	X	X				3
[redacted]	HIS-0.2-2		0915	S	EL	X	X	X	X	X	X	X	X		7
[redacted]	HIS-2-4		0920	S	EL			H	H	H	H			HOLD	3
[redacted]	HIS-4-6		0925	S	EL			H	H	H	H			HOLD	3
[redacted]	H14-0-0.2		1000	S	EL			X	X	X	X				3
[redacted]	H14-0.2-2		1005	S	EL	X	X	X	X	X	X	X	X		7

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/25/24 1445	WIFI (Pace)	6/25/24 16:48
WIFI (Pace)	6/25/24 1942	Anthony Green	JUN 25 2024 2132
Anthony Green	6/26/24 0110		6/26/24 0110
	6/26/24 0310		6/26/24 0310

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 4

Date Rec'd in Lab: 6/26/24

L2438026 WMC 7/3/24
ALPHA Job #: L2438026-3

Client Information

Client: ROUX
Address: 709 SHAPIER ST. ISLANDIA, NY 11749
Phone: 631-232-7600
Fax: 631-232-9818
Email: RLOMBINO@ROUXINC.COM

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 850 DOBBS FERRY ROAD
Project #: 3858.00049000
(Use Project name as Project #) ☐
Project Manager: RON LOMBINO
ALPHAQuote #: 21525

Turn-Around Time

Standard ☒ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL (PART 375 VOCs + 10 TICs, TOTAL SVOCs)	TCL (PART 375 SVOCs TENTA/GVOCs)	TAL (PART 375 METALS)	HEX CR	TCL (PART 375 PEST)	TCL (PART 375 HERB)	TCL (PART 375 PCBs)	TOTAL CYANIDE	Sample Specific Comments	Total Bottle
38493-01	H14-2-4	6/25/24	1010	S	EL			M	M	M X	H			Hold	3
-02	H14-4-6		1015	S	EL			H	H	H	H			Hold	3
	H13-0-0.2		1040	S	EL			X	X	X	X				3
	H13-0.2-2		1045	S	EL	X	X	X	X	X	X	X	X		7
-03	H13-2-4		1050	S	EL			H X	H	H X	H			Hold	3
	H13-4-6		1055	S	EL			H	H	H	H			Hold	3
	H12-0-0.2		1150	S	EL			X	X	X	X				3
	H12-0.2-2		1155	S	EL	X	X	X	X	X	X	X	X		7
04	H12-2-4		1205	S	EL			H X	H	H	H			Hold	3
	H12-4-6		1210	S	EL			H	H	H	H			Hold	3
					Container Type	E	A	A	A	A	A	A	A		
					Preservative	A	A	A	A	A	A	A	A		

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/25/24 1440	WIFI (Pace)	6/25/24 16:48
WIFI (Pace)	6/25/24 1942	Anthony Green	JUN 25 2024 21:32
Anthony Green	6/26/24 0410		6/26/24 0410
	6/26/24 0310		6/26/24 0310

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 4

Date Rec'd in Lab: 6/26/24

L2438026 WMC 7/3/24
ALPHA Job #: [redacted]

Client Information
Client: PANY
Address: 209 SHAFTER ST ISLANDIA, NY 11749
Phone: 631-232-2600
Fax: 631-232-9898
Email: RLOMBINO@PANYENI.COM

Project Information
Project Name: ELMWOOD PRESERVE
Project Location: 950 OOBS FERRY ROAD
Project #: 3858.DOOHYOOD
(Use Project name as Project #): ☐
Project Manager: RON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time
Standard: ☒ Due Date: STANDARD
Rush (only if pre approved): ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/PART 375 VOCs + 10 TICs, TOTAL SOLIDS	TCL/PART 375 SVOCs	TCL/PART 375 METALS	HEX CR	TCL/PART 375 PEST	TCL/PART 375 HERBS	TCL/PART 375 PCBs	TOTAL CYANIDE	Sample Specific Comments	Total Bottle
[redacted]	H11-0-0.2	6/25/24	1220	S	EL			X	X	X	X				3
[redacted]	H11-0.2-2		1225	S	EL	X	X	X	X	X	X	X	X		7
05 [redacted]	H11-2-4		1230	S	EL			H	H	X	H			[redacted]	3
[redacted]	H11-4-6		1235	S	EL			H	H	H	H			HOLD	3
[redacted]	H10-0-0.2		1250	S	EL			X	X	X	X				3
[redacted]	H10-0.2-2		1255	S	EL	X	X	X	X	X	X	X	X		7
06 [redacted]	H10-2-4		1300	S	EL			H	H	X	H			[redacted]	3
[redacted]	H10-4-6		1305	S	EL			H	H	H	H			HOLD	3
[redacted]	H9-0-0.2		1315	S	EL			X	X	X	X				3
[redacted]	H9-0.2-2		1320	S	EL	X	X	X	X	X	X	X	X		7

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/25/24 1440	WIFI (Pace)	6/25/24 16:48
WIFI (Pace)	6/25/24 1942	Anthony Green	JUN 25 2024 2132
Anthony Green	6/26/24 0110		6/26/24 0110
	6/26/24 0310		6/26/24 0310

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 4 of 4

Date Rec'd in Lab: 6/26/24

L2438026 WMC 7/3/24
ALPHA Job #: [redacted]

Client Information

Client: FOUX
Address: 204 SHAFFER ST
ISLANDIA, NY 11749
Phone: 631-232-2400
Fax: 631-232-9848
Email: RLOMBINO@FOUXENG.COM

Project Information

Project Name: GLANWOOD PRESERVE
Project Location: 850 OLD COUNTRY ROAD
Project #: 3BSB.0004Y000
(Use Project name as Project #)
Project Manager: RON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time

Standard: X
Due Date: STANDARD
Rush (only if pre approved):
# of Days:

Deliverables

ASP-A
X ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

Billing Information

X Same as Client Info
PO #

Regulatory Requirement

NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL/PART 375 VOCs + 10 TICs, TOTAL XYLENES
TCL/PART 375 SVOCs
TAL/PART 375 METALS
HEX CR
TCL/PART 375 PEST
TCL/PART 375 HERBS
TCL/PART 375 PCBs
TOTAL CYANIDE

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	METALS	HEX CR	PEST	HERBS	PCBs	CYANIDE	Sample Specific Comments	Total Bottle
-07 [redacted]	H9_2-4	6/25/24	1325	S	EL			X	H	X	H			[redacted]	3
[redacted]	H9_4-6	"	1330	S	EL			H	H	H	H			HOLD	3
[redacted]	PB_06252024	"	1135	W	EL			X	X	X	X				6
[redacted]	DUP_06252024	"	1200	S	EL			X	X	X	X				3
[redacted]	TB_06252024	6/20/24	—	W	EL	X									2

Container Type: E | A | A | A | A | A | A | A
Preservative: A | A | A | A | A | A | A | A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/25/24 1440	WIFI (Pace)	6/25/24 16:50
WIFI (Pace)	6/25/24 19:42	Anthony Green	JUN 25 2024 0132
Anthony Green	6/26/24 0110		6/26/24 0110
	6/26/24 0310		6/26/24 0310

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2438098
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/11/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438098
Report Date: 07/11/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2438098-01	F3_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 09:20	06/21/24
L2438098-02	G2_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 11:30	06/21/24
L2438098-03	G3_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 12:55	06/21/24
L2438098-04	G4_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/21/24 13:25	06/21/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438098
Project Number:	3858.0004Y000	**Report Date:**	07/11/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438098
Project Number:	3858.0004Y000	**Report Date:**	07/11/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Pesticides

L2438098-01, -03, and -04: The sample was extracted with the method required holding time exceeded.

Total Metals

L2438098-02 and -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 07/11/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438098
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2438098-01
Client ID: F3_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 09:20
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/24 13:53
Analyst: MMG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/06/24 23:27
Cleanup Method: EPA 3620B
Cleanup Date: 07/08/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.377	1	A
Lindane	ND		ug/kg	0.802	0.358	1	A
Alpha-BHC	ND		ug/kg	0.802	0.228	1	A
Beta-BHC	ND		ug/kg	1.92	0.730	1	A
Heptachlor	ND		ug/kg	0.963	0.432	1	A
Aldrin	ND		ug/kg	1.92	0.678	1	A
Heptachlor epoxide	2.65	JIP	ug/kg	3.61	1.08	1	B
Endrin	ND		ug/kg	0.802	0.329	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.842	1	A
Endrin ketone	ND		ug/kg	1.92	0.496	1	A
Dieldrin	2.15	IP	ug/kg	1.20	0.602	1	B
4,4'-DDE	44.1		ug/kg	1.92	0.445	1	A
4,4'-DDD	6.54		ug/kg	1.92	0.687	1	A
4,4'-DDT	5.67		ug/kg	1.92	1.55	1	B
Endosulfan I	ND		ug/kg	1.92	0.455	1	A
Endosulfan II	ND		ug/kg	1.92	0.643	1	A
Endosulfan sulfate	ND		ug/kg	0.802	0.382	1	A
Methoxychlor	ND		ug/kg	3.61	1.12	1	A
Toxaphene	ND		ug/kg	36.1	10.1	1	A
cis-Chlordane	3.68		ug/kg	2.41	0.671	1	B
trans-Chlordane	4.06		ug/kg	2.41	0.635	1	A
Chlordane	19.6	IP	ug/kg	16.0	6.38	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438098

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2438098-01 Date Collected: 06/21/24 09:20

Client ID: F3_4-6 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2438098
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2438098-03
Client ID: G3_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 12:55
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/24 14:05
Analyst: MMG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/06/24 23:27
Cleanup Method: EPA 3620B
Cleanup Date: 07/08/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.750	0.335	1	A
Alpha-BHC	ND		ug/kg	0.750	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.682	1	A
Heptachlor	ND		ug/kg	0.899	0.403	1	A
Aldrin	ND		ug/kg	1.80	0.633	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.750	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.787	1	A
Endrin ketone	ND		ug/kg	1.80	0.463	1	A
Dieldrin	ND		ug/kg	1.12	0.562	1	A
4,4'-DDE	11.0		ug/kg	1.80	0.416	1	A
4,4'-DDD	ND		ug/kg	1.80	0.642	1	A
4,4'-DDT	11.4		ug/kg	1.80	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.601	1	A
Endosulfan sulfate	ND		ug/kg	0.750	0.357	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.44	1	A
cis-Chlordane	ND		ug/kg	2.25	0.627	1	A
trans-Chlordane	ND		ug/kg	2.25	0.594	1	A
Chlordane	ND		ug/kg	15.0	5.96	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438098

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2438098-03 Date Collected: 06/21/24 12:55

Client ID: G3_4-6 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2438098
Project Number: 3858.0004Y000
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2438098-04
Client ID: G4_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/21/24 13:25
Date Received: 06/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/08/24 14:18
Analyst: MMG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/06/24 23:27
Cleanup Method: EPA 3620B
Cleanup Date: 07/08/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.392	1	A
Lindane	ND		ug/kg	0.834	0.373	1	A
Alpha-BHC	ND		ug/kg	0.834	0.237	1	A
Beta-BHC	ND		ug/kg	2.00	0.759	1	A
Heptachlor	ND		ug/kg	1.00	0.449	1	A
Aldrin	ND		ug/kg	2.00	0.705	1	A
Heptachlor epoxide	1.31	JIP	ug/kg	3.75	1.13	1	B
Endrin	ND		ug/kg	0.834	0.342	1	A
Endrin aldehyde	ND		ug/kg	2.50	0.876	1	A
Endrin ketone	ND		ug/kg	2.00	0.516	1	A
Dieldrin	4.42		ug/kg	1.25	0.626	1	A
4,4'-DDE	45.1		ug/kg	2.00	0.463	1	A
4,4'-DDD	17.6		ug/kg	2.00	0.714	1	A
4,4'-DDT	6.79		ug/kg	2.00	1.61	1	B
Endosulfan I	ND		ug/kg	2.00	0.473	1	A
Endosulfan II	ND		ug/kg	2.00	0.669	1	A
Endosulfan sulfate	ND		ug/kg	0.834	0.397	1	A
Methoxychlor	ND		ug/kg	3.75	1.17	1	A
Toxaphene	ND		ug/kg	37.5	10.5	1	A
cis-Chlordane	4.79		ug/kg	2.50	0.697	1	B
trans-Chlordane	6.39		ug/kg	2.50	0.661	1	A
Chlordane	ND		ug/kg	16.7	6.63	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438098

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2438098-04 Date Collected: 06/21/24 13:25

Client ID: G4_4-6 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438098
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/08/24 10:59
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/06/24 16:36
Cleanup Method: EPA 3620B
Cleanup Date: 07/08/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03-04 Batch: WG1943876-1						
Delta-BHC	ND		ug/kg	1.59	0.311	A
Lindane	ND		ug/kg	0.662	0.296	A
Alpha-BHC	ND		ug/kg	0.662	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.603	A
Heptachlor	ND		ug/kg	0.795	0.356	A
Aldrin	ND		ug/kg	1.59	0.560	A
Heptachlor epoxide	ND		ug/kg	2.98	0.894	A
Endrin	ND		ug/kg	0.662	0.272	A
Endrin aldehyde	ND		ug/kg	1.99	0.695	A
Endrin ketone	ND		ug/kg	1.59	0.409	A
Dieldrin	ND		ug/kg	0.993	0.497	A
4,4'-DDE	ND		ug/kg	1.59	0.368	A
4,4'-DDD	ND		ug/kg	1.59	0.567	A
4,4'-DDT	ND		ug/kg	1.59	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.375	A
Endosulfan II	ND		ug/kg	1.59	0.531	A
Endosulfan sulfate	ND		ug/kg	0.662	0.315	A
Methoxychlor	ND		ug/kg	2.98	0.927	A
Toxaphene	ND		ug/kg	29.8	8.34	A
cis-Chlordane	ND		ug/kg	1.99	0.554	A
trans-Chlordane	ND		ug/kg	1.99	0.524	A
Chlordane	ND		ug/kg	13.2	5.26	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438098
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/08/24 10:59
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 07/06/24 16:36
Cleanup Method: EPA 3620B
Cleanup Date: 07/08/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03-04 Batch: WG1943876-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438098

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1943876-2 WG1943876-3									
Delta-BHC	86		86		30-150	0		30	A
Lindane	82		82		30-150	0		30	A
Alpha-BHC	86		83		30-150	4		30	A
Beta-BHC	80		80		30-150	0		30	A
Heptachlor	80		80		30-150	0		30	A
Aldrin	86		86		30-150	0		30	A
Heptachlor epoxide	80		79		30-150	1		30	A
Endrin	93		92		30-150	1		30	A
Endrin aldehyde	82		78		30-150	5		30	A
Endrin ketone	93		91		30-150	2		30	A
Dieldrin	99		98		30-150	1		30	A
4,4'-DDE	90		90		30-150	0		30	A
4,4'-DDD	100		99		30-150	1		30	A
4,4'-DDT	96		94		30-150	2		30	A
Endosulfan I	87		86		30-150	1		30	A
Endosulfan II	93		92		30-150	1		30	A
Endosulfan sulfate	96		95		30-150	1		30	A
Methoxychlor	112		108		30-150	4		30	A
cis-Chlordane	84		83		30-150	1		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438098

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1943876-2 WG1943876-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		77		30-150	A
Decachlorobiphenyl	76		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		82		30-150	B
Decachlorobiphenyl	98		113		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438098

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1943876-2 WG1943876-3									
trans-Chlordane	95		96		30-150	1		30	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		77		30-150	A
Decachlorobiphenyl	76		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		82		30-150	B
Decachlorobiphenyl	98		113		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438098

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2438098-02 Date Collected: 06/21/24 11:30

Client ID: G2_4-6 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17800		mg/kg	7.96	2.15	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	3.98	0.302	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Arsenic, Total	0.629	J	mg/kg	1.59	0.331	4	07/09/24 07:05	07/11/24 11:34	EPA 3050B	1,6010D	JMF
Barium, Total	221		mg/kg	0.796	0.138	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.315	J	mg/kg	0.398	0.026	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.796	0.078	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Calcium, Total	1280		mg/kg	7.96	2.78	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Chromium, Total	52.2		mg/kg	0.796	0.076	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Cobalt, Total	19.8		mg/kg	1.59	0.132	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Copper, Total	23.3		mg/kg	0.796	0.205	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Iron, Total	40100		mg/kg	7.96	1.44	4	07/09/24 07:05	07/11/24 11:34	EPA 3050B	1,6010D	JMF
Lead, Total	10.8		mg/kg	3.98	0.213	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Magnesium, Total	9310		mg/kg	7.96	1.22	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Manganese, Total	524		mg/kg	0.796	0.126	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Mercury, Total	0.178		mg/kg	0.066	0.043	1	07/09/24 10:45	07/11/24 01:11	EPA 7471B	1,7471B	MJR
Nickel, Total	34.6		mg/kg	1.99	0.192	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Potassium, Total	13500		mg/kg	199	11.4	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.59	0.205	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.398	0.225	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Sodium, Total	176		mg/kg	159	2.51	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Thallium, Total	1.84	J	mg/kg	3.18	0.501	4	07/09/24 07:05	07/11/24 11:34	EPA 3050B	1,6010D	JMF
Vanadium, Total	50.2		mg/kg	0.796	0.162	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF
Zinc, Total	102		mg/kg	3.98	0.233	2	07/09/24 07:05	07/11/24 00:07	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438098

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

SAMPLE RESULTS

Lab ID: L2438098-04 Date Collected: 06/21/24 13:25

Client ID: G4_4-6 Date Received: 06/21/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11900		mg/kg	9.99	2.70	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	5.00	0.380	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Arsenic, Total	9.38		mg/kg	0.999	0.208	2	07/09/24 07:05	07/11/24 11:38	EPA 3050B	1,6010D	JMF
Barium, Total	57.8		mg/kg	0.999	0.174	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.313	J	mg/kg	0.500	0.033	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.187	J	mg/kg	0.999	0.098	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Calcium, Total	1100		mg/kg	9.99	3.50	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Chromium, Total	22.6		mg/kg	0.999	0.096	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.59		mg/kg	2.00	0.166	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Copper, Total	17.0		mg/kg	0.999	0.258	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Iron, Total	18700		mg/kg	5.00	0.902	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Lead, Total	39.9		mg/kg	5.00	0.268	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Magnesium, Total	3690		mg/kg	9.99	1.54	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Manganese, Total	225		mg/kg	0.999	0.159	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Mercury, Total	0.694		mg/kg	0.082	0.053	1	07/09/24 10:45	07/11/24 01:15	EPA 7471B	1,7471B	MJR
Nickel, Total	15.2		mg/kg	2.50	0.242	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Potassium, Total	1390		mg/kg	250	14.4	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	2.00	0.258	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.500	0.283	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Sodium, Total	45.8	J	mg/kg	200	3.15	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Thallium, Total	0.573	J	mg/kg	2.00	0.315	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Vanadium, Total	27.7		mg/kg	0.999	0.203	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF
Zinc, Total	45.6		mg/kg	5.00	0.293	2	07/09/24 07:05	07/11/24 00:11	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438098

Project Number: 3858.0004Y000 **Report Date:** 07/11/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,04 Batch: WG1944339-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Iron, Total	0.958	J	mg/kg	2.00	0.361	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Manganese, Total	0.068	J	mg/kg	0.400	0.064	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/09/24 07:05	07/10/24 22:09	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,04 Batch: WG1944341-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/09/24 10:45	07/10/24 23:59	1,7471B	MJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438098
Report Date: 07/11/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438098

Report Date: 07/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04 Batch: WG1944339-2								
Aluminum, Total	100		-		80-120	-		
Antimony, Total	96		-		80-120	-		
Arsenic, Total	92		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	102		-		80-120	-		
Cadmium, Total	94		-		80-120	-		
Calcium, Total	99		-		80-120	-		
Chromium, Total	96		-		80-120	-		
Cobalt, Total	96		-		80-120	-		
Copper, Total	98		-		80-120	-		
Iron, Total	100		-		80-120	-		
Lead, Total	97		-		80-120	-		
Magnesium, Total	96		-		80-120	-		
Manganese, Total	97		-		80-120	-		
Nickel, Total	95		-		80-120	-		
Potassium, Total	106		-		80-120	-		
Selenium, Total	96		-		80-120	-		
Silver, Total	98		-		80-120	-		
Sodium, Total	103		-		80-120	-		
Thallium, Total	93		-		80-120	-		
Vanadium, Total	98		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438098

Report Date: 07/11/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04 Batch: WG1944339-2					
Zinc, Total	94	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02,04 Batch: WG1944341-2					
Mercury, Total	96	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438098
Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04 QC Batch ID: WG1944339-3 WG1944339-4 QC Sample: L2437944-04 Client ID: MS Sample												
Aluminum, Total	7730	156	8410	**435**	Q	7860	80		75-125	7		20
Antimony, Total	ND	39	30.7	79		32.0	79		75-125	4		20
Arsenic, Total	0.697J	9.37	7.67	82		7.71	79		75-125	1		20
Barium, Total	76.8	156	230	98		225	92		75-125	2		20
Beryllium, Total	0.223J	3.9	3.97	102		3.95	98		75-125	1		20
Cadmium, Total	ND	4.14	3.49	84		3.53	82		75-125	1		20
Calcium, Total	2310	781	2940	81		3560	**155**	Q	75-125	19		20
Chromium, Total	20.9	15.6	35.7	95		34.4	84		75-125	4		20
Cobalt, Total	7.90	39	43.1	90		41.1	82		75-125	5		20
Copper, Total	21.6	19.5	40.2	95		38.4	83		75-125	5		20
Iron, Total	15200	78.1	15700	**640**	Q	14700	**0**	Q	75-125	7		20
Lead, Total	3.75J	41.4	47.7	115		46.5	108		75-125	3		20
Magnesium, Total	3640	781	4360	92		4430	98		75-125	2		20
Manganese, Total	277	39	346	**177**	Q	344	**166**	Q	75-125	1		20
Nickel, Total	16.5	39	50.5	87		50.4	84		75-125	0		20
Potassium, Total	4040	781	4940	115		4500	**57**	Q	75-125	9		20
Selenium, Total	ND	9.37	9.82	105		9.48	98		75-125	4		20
Silver, Total	ND	3.9	3.57	91		3.59	89		75-125	1		20
Sodium, Total	159	781	922	98		922	94		75-125	0		20
Thallium, Total	0.559J	9.37	10.2	109		9.95	102		75-125	2		20
Vanadium, Total	25.3	39	62.2	94		61.5	90		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438098
Report Date: 07/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04 QC Batch ID: WG1944339-3 WG1944339-4 QC Sample: L2437944-04 Client ID: MS Sample									
Zinc, Total	33.3	39	66.4	85	63.7	75	75-125	4	20
Total Metals - Mansfield Lab Associated sample(s): 02,04 QC Batch ID: WG1944341-3 WG1944341-4 QC Sample: L2437944-04 Client ID: MS Sample									
Mercury, Total	ND	1.31	1.31	100	1.27	97	80-120	3	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2438098
Report Date: 07/11/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04 QC Batch ID: WG1944339-6 QC Sample: L2437944-04 Client ID: DUP Sample						
Aluminum, Total	7730	8280	mg/kg	7		20
Barium, Total	76.8	83.2	mg/kg	8		20
Calcium, Total	2310	2520	mg/kg	9		20
Chromium, Total	20.9	22.7	mg/kg	9		20
Copper, Total	21.6	23.1	mg/kg	7		20
Iron, Total	15200	17200	mg/kg	13		20
Magnesium, Total	3640	4020	mg/kg	10		20
Manganese, Total	277	304	mg/kg	10		20
Vanadium, Total	25.3	27.0	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438098
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2438098-01
Client ID: F3_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 09:20
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.8		%	0.100	NA	1	-	07/08/24 11:18	121,2540G	GAG

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438098
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2438098-02
Client ID: G2_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 11:30
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.3		%	0.100	NA	1	-	07/08/24 11:18	121,2540G	GAG

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438098
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2438098-03
Client ID: G3_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 12:55
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	07/08/24 11:18	121,2540G	GAG

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438098
Report Date: 07/11/24

SAMPLE RESULTS

Lab ID: L2438098-04
Client ID: G4_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/21/24 13:25
Date Received: 06/21/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.6		%	0.100	NA	1	-	07/08/24 11:18	121,2540G	GAG

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438098

Report Date: 07/11/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1944317-1 QC Sample: L2435218-02 Client ID: DUP Sample						
Solids, Total	82.8	81.8	%	1		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438098
Report Date: 07/11/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2438098-01B	Glass 120ml/4oz unpreserved	C	NA		4.4	Y	Absent		TS(7),NYTCL-8081(14)
L2438098-02A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2438098-02C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		TS(7)
L2438098-03B	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		TS(7),NYTCL-8081(14)
L2438098-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2438098-04C	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438098
Project Number:	3858.0004Y000	**Report Date:**	07/11/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438098
Project Number:	3858.0004Y000	**Report Date:**	07/11/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438098
Project Number:	3858.0004Y000	**Report Date:**	07/11/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438098
Project Number:	3858.0004Y000	**Report Date:**	07/11/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2438098 KJC 7/6/24

NEW YORK CHAIN OF CUSTODY

Page 1 of 4

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Date Rec'd in Lab: 6/22/24

ALPHA Job #: L2438098

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: riombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities
Disposal Facility
☐ NJ ☐ NY
☐ Other

These samples have been previously analyzed by Alpha ☐
Other project specific requirements/comments:

Please specify Metals or TAL:

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)
8081, Total Solids

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + TICs, Total Solids	TCL/Part 375 SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
55[illegible]-01	F4 - 0 - 0.2	6/21/24	0825	S	EK			X	X	X	X				3
-02	F4 - 0.2 - 2		0830	S	EK	X	X	X	X	X	X	X	X		7
-03	F4 - 2 - 4		0935	S	EK			H	H	H	H			8081	7
-04	F4 - 4 - 6		0940	S	EK			H	H	H	H			8081	3
-05	P3 - 0 - 0.2		0905	S	EK			X	X	X	X				3
-06	P3 - 0.2 - 2		0910	S	EK	X	X	X	X	X	X	X	X	8081/8082	21
-07	P3 - 2 - 4		0915	S	EK			H	H	H	H			8082	3
38098-01 -08	P3 - 4 - 6		0920	G	EK			H	H	H	H			8082	3
-09	F2 - 0 - 0.2		0945	S	EK			X	X	X	X				3
-10	F2 - 0.2 - 2		0950	G	EK	X	X	X	X	X	X	X	X		7

Container Type	E	A	A	A	A	A	A	A	
Preservative	A	A	A	A	A	A	A	A	

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EK	6/21/24 1440	UPS (FACE)	6/21/24 15:15
GJAC	6/21/24 18:35	NJSC	6/21/24 18:38
NJSC	6/21/24 18:38		6/21/24 1840
	6/21/24		6/21 2200
	6/22 0A5		6/22/24 0045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS

Form No: 01-25 (rev. 30-Sept-2013)

L2438098 KJL 7/6/24

NEW YORK CHAIN OF CUSTODY

Page 2 of 4

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Date Rec'd in Lab: 06/22/24

ALPHA Job #: ~~L2435349~~

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities
Disposal Facility:
☐ NJ ☐ NY
☐ Other

These samples have been previously analyzed by Alpha ☐
Other project specific requirements/comments:

Please specify Metals or TAL:

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)
TAL, Total Solids

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL Part 375 VOCs + 10 TICs, Total Solids	TCL Part 375 SVOCs + 10 TICs, Total Solids	TAL Part 375 Metals	Hexavalent Chromium	TCL Part 375 Pesticides	TCL Part 375 Herbicides	TCL Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total Bottles
~~35349-11~~	~~F2-2-4~~	6/21/24	0955	S	EL			H	H	H	H			~~H~~	3
~~-12~~	~~F2-4-6~~		1000	S	EL			H	H	H	H			~~H~~	3
~~-13~~	G1-0-0.2		1040	S	EL			X	X	X	X				3
~~-14~~	G1-0.2-2		1245	S	EL	X	X	X	X	X	X	X	X		7
~~15~~	G1-2-4		1050	S	EL			H	H	H	H			~~H~~	3
~~-16~~	G1-4-6		1055	S	EL			H	H	H	H			~~H~~	3
~~-17~~	G2-0-0.2		1115	S	EL			X	X	X	X				3
~~-18~~	G2-0.2-2		1120	S	EL	X	X	X	X	X	X	X	X		7
~~-19~~	G2-2-4		1125	S	EL			H	H	H	H			~~H~~	3
38048-02 ~~-20~~	G2-4-6		1130	S	EL			H	H	H	H			~~H~~ X	3
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By	Date/Time	Received By	Date/Time
EL	6/21/24 1440	GJAC (PACE)	6/21/24 15:15
GJAC	6/21/24 18:35	NJSC	6/21/24 18:36
NJSC	6/21/24 18:38		6/21/24 18:40
	6/21/24		6/22 2200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS

6/22 AS 6/22/24 0015

Form No: 01-25 (rev. 30-Sept-2013)

L2438098 KJL 7/6/24

NEW YORK CHAIN OF CUSTODY

Page 3 of 4

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Date Rec'd in Lab: 06/22/24

ALPHA Job #: L2438098

Westborough, MA 01581 — 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities
Disposal Facility:
☐ NJ ☐ NY
☐ Other

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL Part 375 VOCs; TCL TICs, Total Solids; TCL Part 375 SVOCs; TAL Part 375 Metals; Hexavalent Chromium; TCL Part 375 Pesticides; TCL Part 375 Herbicides; TCL Part 375 PCBs; Total Cyanide

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)
NYTAL 8021 TAL
Total Solids

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments	Total # Bottles
~~95394-21~~	B3_0-0.2	6/21/24	1240	S	BL		3
~~22~~	B3_0.2-2		1245	S	BL		7
~~23~~	B3_2-4		1250	S	BL	~~H2O~~	3
~~3/80803-24~~	B3_4-6		1255	S	BL	~~H2O~~ X X	3
~~25~~	PB_06212024		1300	W	BL		6
~~26~~	B4_0-0.2		1310	S	BL		3
~~27~~	B4_0.2-2		1315	S	BL		7
~~28~~	B4_2-4		1320	S	BL	~~H2O~~	3
04 ~~29~~	B4_4-6		1325	S	BL	~~H2O~~ X X X	3
~~30~~	B6_0-0.2		1335	S	BL		3

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
BL	6/21/24 1440	CHAC (PACE)	6/21/24, 15:15
CHAC	6/21/24, 18:38	NJSC	6/21/24, 18:38
NJSC	6/21/24, 18:38		6/21/24 1840
	6/21/24		6/22 2200

6/12/24 0045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2438208
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/10/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438208
Report Date: 07/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2438208-01	H8_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 08:30	06/26/24
L2438208-02	H7_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 09:05	06/26/24
L2438208-03	H6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 09:40	06/26/24
L2438208-04	H5_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 10:05	06/26/24
L2438208-05	H4_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 10:35	06/26/24
L2438208-06	H3_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 11:30	06/26/24
L2438208-07	H2_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/26/24 12:05	06/26/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438208
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438208
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2438208-04 through -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1944492-3 MS recoveries for aluminum (360%), iron (0%) and magnesium (166%), performed on L2438208-04, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1944492-3 MS recovery, performed on L2438208-04, is outside the acceptance criteria for antimony (72%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 07/10/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438208
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-01
Client ID: H8_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 08:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/10/24 06:29
Analyst: EMR
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/09/24 12:21
Cleanup Method: EPA 3620B
Cleanup Date: 07/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.96	0.384	1	A
Lindane	ND		ug/kg	0.816	0.365	1	A
Alpha-BHC	ND		ug/kg	0.816	0.232	1	A
Beta-BHC	ND		ug/kg	1.96	0.743	1	A
Heptachlor	ND		ug/kg	0.979	0.439	1	A
Aldrin	ND		ug/kg	1.96	0.690	1	A
Heptachlor epoxide	ND		ug/kg	3.67	1.10	1	A
Endrin	ND		ug/kg	0.816	0.335	1	A
Endrin aldehyde	ND		ug/kg	2.45	0.857	1	A
Endrin ketone	ND		ug/kg	1.96	0.504	1	A
Dieldrin	0.800	JIP	ug/kg	1.22	0.612	1	B
4,4'-DDE	6.31		ug/kg	1.96	0.453	1	A
4,4'-DDD	ND		ug/kg	1.96	0.699	1	A
4,4'-DDT	1.78	J	ug/kg	1.96	1.58	1	A
Endosulfan I	ND		ug/kg	1.96	0.463	1	A
Endosulfan II	ND		ug/kg	1.96	0.654	1	A
Endosulfan sulfate	ND		ug/kg	0.816	0.388	1	A
Methoxychlor	ND		ug/kg	3.67	1.14	1	A
Toxaphene	ND		ug/kg	36.7	10.3	1	A
cis-Chlordane	ND	IP	ug/kg	2.45	0.682	1	B
trans-Chlordane	0.666	JIP	ug/kg	2.45	0.646	1	B
Chlordane	ND		ug/kg	16.3	6.49	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438208

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-01 Date Collected: 06/26/24 08:30

Client ID: H8_2-4 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2438208
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-02
Client ID: H7_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 09:05
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/10/24 06:42
Analyst: EMR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 07/09/24 12:21
Cleanup Method: EPA 3620B
Cleanup Date: 07/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.693	0.310	1	A
Alpha-BHC	ND		ug/kg	0.693	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.832	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1	A
Endrin	ND		ug/kg	0.693	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	ND		ug/kg	1.66	0.385	1	A
4,4'-DDD	ND		ug/kg	1.66	0.593	1	A
4,4'-DDT	ND		ug/kg	1.66	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.693	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.970	1	A
Toxaphene	ND		ug/kg	31.2	8.73	1	A
cis-Chlordane	ND		ug/kg	2.08	0.579	1	A
trans-Chlordane	ND		ug/kg	2.08	0.549	1	A
Chlordane	ND		ug/kg	13.9	5.51	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438208

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-02 Date Collected: 06/26/24 09:05

Client ID: H7_2-4 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438208
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-03
Client ID: H6_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 09:40
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/10/24 06:54
Analyst: EMR
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/09/24 12:21
Cleanup Method: EPA 3620B
Cleanup Date: 07/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.95	0.381	1	A
Lindane	ND		ug/kg	0.811	0.362	1	A
Alpha-BHC	ND		ug/kg	0.811	0.230	1	A
Beta-BHC	ND		ug/kg	1.95	0.738	1	A
Heptachlor	ND		ug/kg	0.973	0.436	1	A
Aldrin	ND		ug/kg	1.95	0.685	1	A
Heptachlor epoxide	1.89	J	ug/kg	3.65	1.09	1	B
Endrin	ND		ug/kg	0.811	0.332	1	A
Endrin aldehyde	ND		ug/kg	2.43	0.851	1	A
Endrin ketone	ND		ug/kg	1.95	0.501	1	A
Dieldrin	12.9		ug/kg	1.22	0.608	1	A
4,4'-DDE	4.03		ug/kg	1.95	0.450	1	A
4,4'-DDD	ND		ug/kg	1.95	0.694	1	A
4,4'-DDT	ND		ug/kg	1.95	1.56	1	A
Endosulfan I	ND		ug/kg	1.95	0.460	1	A
Endosulfan II	ND		ug/kg	1.95	0.650	1	A
Endosulfan sulfate	ND		ug/kg	0.811	0.386	1	A
Methoxychlor	ND		ug/kg	3.65	1.14	1	A
Toxaphene	ND		ug/kg	36.5	10.2	1	A
cis-Chlordane	1.03	JIP	ug/kg	2.43	0.678	1	B
trans-Chlordane	3.24		ug/kg	2.43	0.642	1	B
Chlordane	ND		ug/kg	16.2	6.45	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438208

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-03 Date Collected: 06/26/24 09:40

Client ID: H6_2-4 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438208
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-04
Client ID: H5_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 10:05
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/10/24 07:06
Analyst: EMR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 07/09/24 12:21
Cleanup Method: EPA 3620B
Cleanup Date: 07/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.320	1	A
Lindane	ND		ug/kg	0.680	0.304	1	A
Alpha-BHC	ND		ug/kg	0.680	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.619	1	A
Heptachlor	ND		ug/kg	0.816	0.366	1	A
Aldrin	ND		ug/kg	1.63	0.575	1	A
Heptachlor epoxide	ND		ug/kg	3.06	0.918	1	A
Endrin	ND		ug/kg	0.680	0.279	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.714	1	A
Endrin ketone	ND		ug/kg	1.63	0.420	1	A
Dieldrin	ND		ug/kg	1.02	0.510	1	A
4,4'-DDE	ND		ug/kg	1.63	0.377	1	A
4,4'-DDD	ND		ug/kg	1.63	0.582	1	A
4,4'-DDT	ND		ug/kg	1.63	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.386	1	A
Endosulfan II	ND		ug/kg	1.63	0.545	1	A
Endosulfan sulfate	ND		ug/kg	0.680	0.324	1	A
Methoxychlor	ND		ug/kg	3.06	0.952	1	A
Toxaphene	ND		ug/kg	30.6	8.57	1	A
cis-Chlordane	ND		ug/kg	2.04	0.568	1	A
trans-Chlordane	ND		ug/kg	2.04	0.539	1	A
Chlordane	ND		ug/kg	13.6	5.41	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438208

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-04 Date Collected: 06/26/24 10:05

Client ID: H5_2-4 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	113		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	111		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2438208
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-05
Client ID: H4_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 10:35
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/10/24 07:19
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/09/24 12:21
Cleanup Method: EPA 3620B
Cleanup Date: 07/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.748	0.334	1	A
Alpha-BHC	ND		ug/kg	0.748	0.212	1	A
Beta-BHC	ND		ug/kg	1.80	0.681	1	A
Heptachlor	ND		ug/kg	0.898	0.402	1	A
Aldrin	ND		ug/kg	1.80	0.632	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.748	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.785	1	A
Endrin ketone	ND		ug/kg	1.80	0.462	1	A
Dieldrin	1.33		ug/kg	1.12	0.561	1	A
4,4'-DDE	1.09	JIP	ug/kg	1.80	0.415	1	A
4,4'-DDD	ND		ug/kg	1.80	0.640	1	A
4,4'-DDT	ND		ug/kg	1.80	1.44	1	A
Endosulfan I	ND		ug/kg	1.80	0.424	1	A
Endosulfan II	ND		ug/kg	1.80	0.600	1	A
Endosulfan sulfate	ND		ug/kg	0.748	0.356	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.42	1	A
cis-Chlordane	ND		ug/kg	2.24	0.625	1	A
trans-Chlordane	ND		ug/kg	2.24	0.592	1	A
Chlordane	ND		ug/kg	15.0	5.95	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438208

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-05 Date Collected: 06/26/24 10:35

Client ID: H4_2-4 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	103		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2438208
Project Number: 3858.0004Y000
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-07
Client ID: H2_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/26/24 12:05
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/10/24 07:31
Analyst: EMR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/09/24 12:21
Cleanup Method: EPA 3620B
Cleanup Date: 07/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.704	0.315	1	A
Alpha-BHC	ND		ug/kg	0.704	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.641	1	A
Heptachlor	ND		ug/kg	0.845	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.595	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.950	1	A
Endrin	ND		ug/kg	0.704	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.739	1	A
Endrin ketone	ND		ug/kg	1.69	0.435	1	A
Dieldrin	ND		ug/kg	1.06	0.528	1	A
4,4'-DDE	ND		ug/kg	1.69	0.391	1	A
4,4'-DDD	ND		ug/kg	1.69	0.603	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.565	1	A
Endosulfan sulfate	ND		ug/kg	0.704	0.335	1	A
Methoxychlor	ND		ug/kg	3.17	0.986	1	A
Toxaphene	ND		ug/kg	31.7	8.87	1	A
cis-Chlordane	ND		ug/kg	2.11	0.589	1	A
trans-Chlordane	ND		ug/kg	2.11	0.558	1	A
Chlordane	ND		ug/kg	14.1	5.60	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438208

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-07 Date Collected: 06/26/24 12:05

Client ID: H2_2-4 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438208
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/10/24 05:52
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 07/09/24 12:21
Cleanup Method: EPA 3620B
Cleanup Date: 07/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05,07 Batch: WG1944865-1						
Delta-BHC	ND		ug/kg	1.57	0.308	A
Lindane	ND		ug/kg	0.655	0.293	A
Alpha-BHC	ND		ug/kg	0.655	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.596	A
Heptachlor	ND		ug/kg	0.786	0.352	A
Aldrin	ND		ug/kg	1.57	0.553	A
Heptachlor epoxide	ND		ug/kg	2.95	0.884	A
Endrin	ND		ug/kg	0.655	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.688	A
Endrin ketone	ND		ug/kg	1.57	0.405	A
Dieldrin	ND		ug/kg	0.982	0.491	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.560	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.371	A
Endosulfan II	ND		ug/kg	1.57	0.525	A
Endosulfan sulfate	ND		ug/kg	0.655	0.312	A
Methoxychlor	ND		ug/kg	2.95	0.917	A
Toxaphene	ND		ug/kg	29.5	8.25	A
cis-Chlordane	ND		ug/kg	1.96	0.547	A
trans-Chlordane	ND		ug/kg	1.96	0.519	A
Chlordane	ND		ug/kg	13.1	5.21	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438208
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/10/24 05:52
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 07/09/24 12:21
Cleanup Method: EPA 3620B
Cleanup Date: 07/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05,07 Batch: WG1944865-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	120		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438208

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05,07 Batch: WG1944865-2 WG1944865-3									
Delta-BHC	103		103		30-150	0		30	A
Lindane	92		94		30-150	2		30	A
Alpha-BHC	95		97		30-150	2		30	A
Beta-BHC	91		92		30-150	1		30	A
Heptachlor	93		92		30-150	1		30	A
Aldrin	100		97		30-150	3		30	A
Heptachlor epoxide	96		92		30-150	4		30	A
Endrin	114		110		30-150	4		30	A
Endrin aldehyde	102		100		30-150	2		30	A
Endrin ketone	113		109		30-150	4		30	A
Dieldrin	120		116		30-150	3		30	A
4,4'-DDE	112		107		30-150	5		30	A
4,4'-DDD	123		119		30-150	3		30	A
4,4'-DDT	117		113		30-150	3		30	A
Endosulfan I	105		101		30-150	4		30	A
Endosulfan II	113		110		30-150	3		30	A
Endosulfan sulfate	117		114		30-150	3		30	A
Methoxychlor	133		129		30-150	3		30	A
cis-Chlordane	103		99		30-150	4		30	A
trans-Chlordane	114		109		30-150	4		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438208

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05,07 Batch: WG1944865-2 WG1944865-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		85		30-150	A
Decachlorobiphenyl	106		98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		83		30-150	B
Decachlorobiphenyl	126		113		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438208

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-04 Date Collected: 06/26/24 10:05

Client ID: H5_2-4 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15600		mg/kg	8.23	2.22	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.11	0.313	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.86		mg/kg	0.823	0.171	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Barium, Total	53.2		mg/kg	0.823	0.143	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.511		mg/kg	0.411	0.027	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.823	0.081	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Calcium, Total	868		mg/kg	8.23	2.88	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Chromium, Total	29.4		mg/kg	0.823	0.079	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.53		mg/kg	1.64	0.136	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Copper, Total	19.1		mg/kg	0.823	0.212	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Iron, Total	20300		mg/kg	4.11	0.743	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Lead, Total	6.66		mg/kg	4.11	0.220	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Magnesium, Total	6900		mg/kg	8.23	1.27	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Manganese, Total	373		mg/kg	0.823	0.131	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Mercury, Total	0.047	J	mg/kg	0.067	0.044	1	07/09/24 10:00	07/10/24 08:16	EPA 7471B	1,7471B	JWN
Nickel, Total	13.9		mg/kg	2.06	0.199	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Potassium, Total	1690		mg/kg	206	11.8	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.64	0.212	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.411	0.233	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Sodium, Total	38.5	J	mg/kg	164	2.59	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Thallium, Total	0.680	J	mg/kg	1.64	0.259	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Vanadium, Total	32.0		mg/kg	0.823	0.167	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF
Zinc, Total	38.5		mg/kg	4.11	0.241	2	07/09/24 09:25	07/09/24 20:51	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438208

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-05 Date Collected: 06/26/24 10:35

Client ID: H4_2-4 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	26100		mg/kg	8.87	2.40	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.44	0.337	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.19		mg/kg	0.887	0.184	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Barium, Total	206		mg/kg	0.887	0.154	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.645		mg/kg	0.444	0.029	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.887	0.087	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Calcium, Total	1010		mg/kg	8.87	3.10	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Chromium, Total	41.2		mg/kg	0.887	0.085	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Cobalt, Total	31.5		mg/kg	1.77	0.147	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Copper, Total	17.7		mg/kg	0.887	0.229	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Iron, Total	42800		mg/kg	4.44	0.801	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Lead, Total	29.0		mg/kg	4.44	0.238	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Magnesium, Total	12200		mg/kg	8.87	1.37	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Manganese, Total	656		mg/kg	0.887	0.141	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Mercury, Total	0.050	J	mg/kg	0.074	0.048	1	07/09/24 10:00	07/10/24 08:20	EPA 7471B	1,7471B	JWN
Nickel, Total	44.6		mg/kg	2.22	0.215	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Potassium, Total	10900		mg/kg	222	12.8	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.77	0.229	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.444	0.251	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Sodium, Total	195		mg/kg	177	2.79	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Thallium, Total	2.40		mg/kg	1.77	0.279	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Vanadium, Total	56.5		mg/kg	0.887	0.180	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF
Zinc, Total	115		mg/kg	4.44	0.260	2	07/09/24 09:25	07/09/24 21:15	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438208

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-06 Date Collected: 06/26/24 11:30

Client ID: H3_2-4 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16300		mg/kg	10.0	2.71	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	5.02	0.381	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.56		mg/kg	1.00	0.209	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Barium, Total	106		mg/kg	1.00	0.175	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.587		mg/kg	0.502	0.033	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	1.00	0.098	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Calcium, Total	883		mg/kg	10.0	3.51	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Chromium, Total	15.6		mg/kg	1.00	0.096	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.66		mg/kg	2.01	0.166	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Copper, Total	8.32		mg/kg	1.00	0.259	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Iron, Total	17600		mg/kg	5.02	0.906	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Lead, Total	8.92		mg/kg	5.02	0.269	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Magnesium, Total	2950		mg/kg	10.0	1.54	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Manganese, Total	476		mg/kg	1.00	0.160	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.080	0.052	1	07/09/24 10:00	07/10/24 08:30	EPA 7471B	1,7471B	JWN
Nickel, Total	12.5		mg/kg	2.51	0.243	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Potassium, Total	357		mg/kg	251	14.4	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Selenium, Total	0.261	J	mg/kg	2.01	0.259	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.502	0.284	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Sodium, Total	32.9	J	mg/kg	201	3.16	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	2.01	0.316	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Vanadium, Total	25.1		mg/kg	1.00	0.204	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF
Zinc, Total	37.2		mg/kg	5.02	0.294	2	07/09/24 09:25	07/09/24 21:19	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438208

Project Number: 3858.0004Y000 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-07 Date Collected: 06/26/24 12:05

Client ID: H2_2-4 Date Received: 06/26/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17800		mg/kg	8.56	2.31	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.28	0.325	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.22		mg/kg	0.856	0.178	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Barium, Total	179		mg/kg	0.856	0.149	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.292	J	mg/kg	0.428	0.028	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.553	J	mg/kg	0.856	0.084	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Calcium, Total	693		mg/kg	8.56	3.00	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Chromium, Total	35.4		mg/kg	0.856	0.082	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Cobalt, Total	10.5		mg/kg	1.71	0.142	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Copper, Total	25.7		mg/kg	0.856	0.221	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Iron, Total	32200		mg/kg	4.28	0.773	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Lead, Total	3.96	J	mg/kg	4.28	0.229	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Magnesium, Total	7760		mg/kg	8.56	1.32	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Manganese, Total	395		mg/kg	0.856	0.136	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.070	0.046	1	07/09/24 10:00	07/10/24 08:33	EPA 7471B	1,7471B	JWN
Nickel, Total	22.8		mg/kg	2.14	0.207	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Potassium, Total	10300		mg/kg	214	12.3	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.71	0.221	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.428	0.242	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Sodium, Total	89.4	J	mg/kg	171	2.70	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Thallium, Total	2.28		mg/kg	1.71	0.270	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Vanadium, Total	58.1		mg/kg	0.856	0.174	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF
Zinc, Total	283		mg/kg	4.28	0.251	2	07/09/24 09:25	07/09/24 20:23	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438208
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 04-07 Batch: WG1944492-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Iron, Total	0.881	J	mg/kg	2.00	0.361	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Sodium, Total	1.38	J	mg/kg	80.0	1.26	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/09/24 09:25	07/09/24 20:43	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 04-07 Batch: WG1944494-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/09/24 10:00	07/10/24 07:48	1,7471B	JWN

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438208
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438208

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-07 Batch: WG1944492-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	102		-		80-120	-		
Arsenic, Total	99		-		80-120	-		
Barium, Total	107		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Calcium, Total	102		-		80-120	-		
Chromium, Total	101		-		80-120	-		
Cobalt, Total	102		-		80-120	-		
Copper, Total	104		-		80-120	-		
Iron, Total	106		-		80-120	-		
Lead, Total	102		-		80-120	-		
Magnesium, Total	101		-		80-120	-		
Manganese, Total	99		-		80-120	-		
Nickel, Total	100		-		80-120	-		
Potassium, Total	112		-		80-120	-		
Selenium, Total	100		-		80-120	-		
Silver, Total	102		-		80-120	-		
Sodium, Total	109		-		80-120	-		
Thallium, Total	99		-		80-120	-		
Vanadium, Total	105		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438208

Report Date: 07/10/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-07 Batch: WG1944492-2					
Zinc, Total	99	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 04-07 Batch: WG1944494-2					
Mercury, Total	102	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438208
Report Date: 07/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-07 QC Batch ID: WG1944492-3 QC Sample: L2438208-04 Client ID: H5_2-4												
Aluminum, Total	15600	166	16200	**360**	Q	-	-		75-125	-		20
Antimony, Total	ND	41.6	30.0	**72**	Q	-	-		75-125	-		20
Arsenic, Total	4.86	9.99	15.8	109		-	-		75-125	-		20
Barium, Total	53.2	166	217	98		-	-		75-125	-		20
Beryllium, Total	0.511	4.16	4.61	98		-	-		75-125	-		20
Cadmium, Total	ND	4.41	3.83	87		-	-		75-125	-		20
Calcium, Total	868	833	1750	106		-	-		75-125	-		20
Chromium, Total	29.4	16.6	45.8	98		-	-		75-125	-		20
Cobalt, Total	8.53	41.6	45.7	89		-	-		75-125	-		20
Copper, Total	19.1	20.8	36.6	84		-	-		75-125	-		20
Iron, Total	20300	83.3	19800	**0**	Q	-	-		75-125	-		20
Lead, Total	6.66	44.1	53.6	106		-	-		75-125	-		20
Magnesium, Total	6900	833	8280	**166**	Q	-	-		75-125	-		20
Manganese, Total	373	41.6	409	86		-	-		75-125	-		20
Nickel, Total	13.9	41.6	48.7	84		-	-		75-125	-		20
Potassium, Total	1690	833	2340	78		-	-		75-125	-		20
Selenium, Total	ND	9.99	10.7	107		-	-		75-125	-		20
Silver, Total	ND	4.16	3.87	93		-	-		75-125	-		20
Sodium, Total	38.5J	833	874	105		-	-		75-125	-		20
Thallium, Total	0.680J	9.99	11.3	113		-	-		75-125	-		20
Vanadium, Total	32.0	41.6	71.4	95		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438208
Report Date: 07/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-07 QC Batch ID: WG1944492-3 QC Sample: L2438208-04 Client ID: H5_2-4										
Zinc, Total	38.5	41.6	75.6	89		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 04-07 QC Batch ID: WG1944494-3 QC Sample: L2437747-05 Client ID: MS Sample										
Mercury, Total	15.9	1.45	19.1	**221**	Q	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438208
Report Date: 07/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-07 QC Batch ID: WG1944492-4 QC Sample: L2438208-04 Client ID: H5_2-4						
Aluminum, Total	15600	16800	mg/kg	7		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	4.86	5.23	mg/kg	7		20
Barium, Total	53.2	55.2	mg/kg	4		20
Beryllium, Total	0.511	0.564	mg/kg	10		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	868	1000	mg/kg	14		20
Chromium, Total	29.4	32.1	mg/kg	9		20
Cobalt, Total	8.53	9.32	mg/kg	9		20
Copper, Total	19.1	18.3	mg/kg	4		20
Iron, Total	20300	21100	mg/kg	4		20
Lead, Total	6.66	7.26	mg/kg	9		20
Magnesium, Total	6900	7710	mg/kg	11		20
Manganese, Total	373	399	mg/kg	7		20
Nickel, Total	13.9	13.8	mg/kg	1		20
Potassium, Total	1690	1740	mg/kg	3		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	38.5J	45.2J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438208

Report Date: 07/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-07 QC Batch ID: WG1944492-4 QC Sample: L2438208-04 Client ID: H5_2-4					
Thallium, Total	0.680J	0.871J	mg/kg	NC	20
Vanadium, Total	32.0	34.7	mg/kg	8	20
Zinc, Total	38.5	41.8	mg/kg	8	20
Total Metals - Mansfield Lab Associated sample(s): 04-07 QC Batch ID: WG1944494-4 QC Sample: L2437747-05 Client ID: DUP Sample					
Mercury, Total	15.9	17.8	mg/kg	11	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2438208
Report Date: 07/10/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-07 QC Batch ID: WG1944492-6 QC Sample: L2438208-04 Client ID: H5_2-4						
Aluminum, Total	15600	16800	mg/kg	8		20
Barium, Total	53.2	57.6	mg/kg	8		20
Calcium, Total	868	951	mg/kg	10		20
Chromium, Total	29.4	32.0	mg/kg	9		20
Iron, Total	20300	23500	mg/kg	16		20
Magnesium, Total	6900	7610	mg/kg	10		20
Manganese, Total	373	415	mg/kg	11		20
Vanadium, Total	32.0	34.2	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438208
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-01
Client ID: H8_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 08:30
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.2		%	0.100	NA	1	-	07/08/24 22:19	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438208
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-02
Client ID: H7_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 09:05
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.0		%	0.100	NA	1	-	07/08/24 22:19	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438208
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-03
Client ID: H6_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 09:40
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	07/08/24 22:19	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438208
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-04
Client ID: H5_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 10:05
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	07/08/24 22:19	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438208
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-05
Client ID: H4_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 10:35
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	07/08/24 22:19	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438208
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-06
Client ID: H3_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 11:30
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.1		%	0.100	NA	1	-	07/08/24 22:19	121,2540G	WJM

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438208
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438208-07
Client ID: H2_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/26/24 12:05
Date Received: 06/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	07/08/24 22:19	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438208

Report Date: 07/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1944559-1 QC Sample: L2438039-01 Client ID: DUP Sample						
Solids, Total	78.2	78.0	%	0		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438208
Report Date: 07/10/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2438208-01B	Glass 120ml/4oz unpreserved	C	NA		3.6	Y	Absent		TS(7),NYTCL-8081(14)
L2438208-02B	Glass 120ml/4oz unpreserved	C	NA		3.6	Y	Absent		TS(7),NYTCL-8081(14)
L2438208-03B	Glass 120ml/4oz unpreserved	C	NA		3.6	Y	Absent		TS(7),NYTCL-8081(14)
L2438208-04A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2438208-04B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		TS(7),NYTCL-8081(14)
L2438208-05A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2438208-05B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		TS(7),NYTCL-8081(14)
L2438208-06A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2438208-06B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		TS(7)
L2438208-07A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438208
Report Date: 07/10/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2438208-07B	Glass 120ml/4oz unpreserved	D	NA		4.7	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438208
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438208
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438208
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438208
Project Number:	3858.0004Y000	**Report Date:**	07/10/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2438208 CDS 7/8/24

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/27/24

ALPHA Job #: L2438208

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 BN/PAHs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
38208-01	HB-0-0.2	6/26/24	0820	S	EL			X	X	X	X				3
02	HB-0.2-2		0825	S	EL	X	X	X	X	X	X	X	X	MS/MSD	21
03	HB-2-4		0830	S	EL			H	H	X	H			~~Hold~~	3
04	HB-4-6		0835	S	EL			H	H	H	H			HOLD	3
05	H7-0-0.2		0855	S	EL			X	X	X	X				3
06	H7-0.2-2		0900	S	EL	X	X	X	X	X	X	X	X		7
07	H7-2-4		0905	S	EL			H	H	X	H			~~Hold~~	3
08	H7-4-6		0910	S	EL			H	H	H	H			HOLD	3
09	H6-0-0.2		0930	S	EL			X	X	X	X				3
10	H6-0.2-2		0935	S	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	6/26/24 1420		6/26/24 1420
	6/26/24 1735		6/26/24 1835
	6/26		6/26 2220
	6/27 215		6/27/24 0215

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

L2438208 CDS 7/8/24

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 6/27/24

ALPHA Job #: L2436281

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
2438281-11	H6_2-4	6/26/24	0930	S	EL			X	X	X	X			H20	3
2438208-03 12	H6_4-6		0945	S	EL			X	X	X	X			H20	3
13	H5_0-0.2		0935	S	EL			X	X	X	X				3
14	H5_0.2-2		1000	S	EL	X	X	X	X	X	X	X	X		7
-04 15	H5_2-4		1005	S	EL			X	X	X	X			H20	3
16	H5_4-6		1010	S	EL			X	X	X	X			H20	3
17	H4_0-0.2		1025	S	EL			X	X	X	X				3
18	H4_0.2-2		1030	S	EL	X	X	X	X	X	X	X	X		7
-05 19	H4_2-4		1035	S	EL			X	X	X	X			H20	3
20	H4_4-6		1040	S	EL			X	X	X	X			H20	3
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/26/24 1420		6/26/24 1420
	6/26/24 1735		6/26/24 1735
	6/26/24		6/26 2230
	6/27 715		6/27/24 0215

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

L2438208 COC 7/8/24

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 4 of 4

Date Rec'd in Lab: 6/27/24

ALPHA Job #: L2438281

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, Total Solids	TCL/Part 375 SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
38281-21	H3-0-0.2	6/26/24	1120	S	EL			X	X	X	X				3
22	H3-0.2-2		1125	S	EL	X	X	X	X	X	X	X	X		7
38203-05 23	H3-2-4		1130	S	EL			X	H	H	H			H20	3
24	H3-4-6		1135	S	EL			H	H	H	H			HOLD	3
25	H2-0-0.2		1150	S	EL			X	X	X	X				3
26	H2-0.2-2		1155	S	EL	X	X	X	X	X	X	X	X		7
-07 27	H2-2-4		1205	S	EL			X	H	X	H			H20	3
28	H2-4-6		1210	S	EL			H	H	H	H			HOLD	3
29	H1-0-0.2		1250	S	EL			X	X	X	X				3
30	H1-0.2-2		1255	S	EL	X	X	X	X	X	X	X	X		7
	Container Type					E	A	A	A	A	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code:
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/26/24 1420		6/26/24 1420
	6/26/24 1735		6/26/24 18:35
	6/26/24		6/26 2230
	6/27 215		6/27/24 0215

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2438241
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/15/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438241
Report Date: 07/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2438241-01	H9_4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/25/24 13:30	06/25/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438241
Project Number:	3858.0004Y000	**Report Date:**	07/15/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438241
Project Number:	3858.0004Y000	**Report Date:**	07/15/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2438241-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 07/15/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438241
Report Date: 07/15/24

SAMPLE RESULTS

Lab ID: L2438241-01
Client ID: H9_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/25/24 13:30
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/10/24 07:44
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/09/24 12:21
Cleanup Method: EPA 3620B
Cleanup Date: 07/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.345	1	A
Lindane	ND		ug/kg	0.734	0.328	1	A
Alpha-BHC	ND		ug/kg	0.734	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.668	1	A
Heptachlor	ND		ug/kg	0.881	0.395	1	A
Aldrin	ND		ug/kg	1.76	0.620	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.991	1	A
Endrin	ND		ug/kg	0.734	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.771	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	ND		ug/kg	1.10	0.550	1	A
4,4'-DDE	5.58		ug/kg	1.76	0.407	1	B
4,4'-DDD	ND		ug/kg	1.76	0.628	1	A
4,4'-DDT	2.71		ug/kg	1.76	1.42	1	B
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.589	1	A
Endosulfan sulfate	ND		ug/kg	0.734	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.03	1	A
Toxaphene	ND		ug/kg	33.0	9.25	1	A
cis-Chlordane	ND	IP	ug/kg	2.20	0.614	1	B
trans-Chlordane	ND	IP	ug/kg	2.20	0.581	1	B
Chlordane	ND		ug/kg	14.7	5.84	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2438241

Project Number: 3858.0004Y000 **Report Date:** 07/15/24

SAMPLE RESULTS

Lab ID: L2438241-01 Date Collected: 06/25/24 13:30

Client ID: H9_4-6 Date Received: 06/25/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	120		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	115		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438241
Report Date: 07/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/10/24 05:52
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 07/09/24 12:21
Cleanup Method: EPA 3620B
Cleanup Date: 07/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1944865-1						
Delta-BHC	ND		ug/kg	1.57	0.308	A
Lindane	ND		ug/kg	0.655	0.293	A
Alpha-BHC	ND		ug/kg	0.655	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.596	A
Heptachlor	ND		ug/kg	0.786	0.352	A
Aldrin	ND		ug/kg	1.57	0.553	A
Heptachlor epoxide	ND		ug/kg	2.95	0.884	A
Endrin	ND		ug/kg	0.655	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.688	A
Endrin ketone	ND		ug/kg	1.57	0.405	A
Dieldrin	ND		ug/kg	0.982	0.491	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.560	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.371	A
Endosulfan II	ND		ug/kg	1.57	0.525	A
Endosulfan sulfate	ND		ug/kg	0.655	0.312	A
Methoxychlor	ND		ug/kg	2.95	0.917	A
Toxaphene	ND		ug/kg	29.5	8.25	A
cis-Chlordane	ND		ug/kg	1.96	0.547	A
trans-Chlordane	ND		ug/kg	1.96	0.519	A
Chlordane	ND		ug/kg	13.1	5.21	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438241
Report Date: 07/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/10/24 05:52
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 07/09/24 12:21
Cleanup Method: EPA 3620B
Cleanup Date: 07/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1944865-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	120		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438241

Report Date: 07/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1944865-2 WG1944865-3									
Delta-BHC	103		103		30-150	0		30	A
Lindane	92		94		30-150	2		30	A
Alpha-BHC	95		97		30-150	2		30	A
Beta-BHC	91		92		30-150	1		30	A
Heptachlor	93		92		30-150	1		30	A
Aldrin	100		97		30-150	3		30	A
Heptachlor epoxide	96		92		30-150	4		30	A
Endrin	114		110		30-150	4		30	A
Endrin aldehyde	102		100		30-150	2		30	A
Endrin ketone	113		109		30-150	4		30	A
Dieldrin	120		116		30-150	3		30	A
4,4'-DDE	112		107		30-150	5		30	A
4,4'-DDD	123		119		30-150	3		30	A
4,4'-DDT	117		113		30-150	3		30	A
Endosulfan I	105		101		30-150	4		30	A
Endosulfan II	113		110		30-150	3		30	A
Endosulfan sulfate	117		114		30-150	3		30	A
Methoxychlor	133		129		30-150	3		30	A
cis-Chlordane	103		99		30-150	4		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438241

Report Date: 07/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1944865-2 WG1944865-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		85		30-150	A
Decachlorobiphenyl	106		98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		83		30-150	B
Decachlorobiphenyl	126		113		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438241

Report Date: 07/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1944865-2 WG1944865-3									
trans-Chlordane	114		106		30-150	7		30	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		85		30-150	A
Decachlorobiphenyl	106		98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		83		30-150	B
Decachlorobiphenyl	126		113		30-150	B

METALS

Project Name: ELMWOOD PRESERVE
Lab Number: L2438241
Project Number: 3858.0004Y000
Report Date: 07/15/24

SAMPLE RESULTS

Lab ID: L2438241-01
Client ID: H9_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/25/24 13:30
Date Received: 06/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14800		mg/kg	9.29	2.51	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.64	0.353	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Arsenic, Total	5.48		mg/kg	0.929	0.193	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Barium, Total	60.9		mg/kg	0.929	0.162	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.456	J	mg/kg	0.464	0.031	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.929	0.091	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Calcium, Total	412		mg/kg	9.29	3.25	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Chromium, Total	18.8		mg/kg	0.929	0.089	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.59		mg/kg	1.86	0.154	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Copper, Total	11.2		mg/kg	0.929	0.240	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Iron, Total	19000		mg/kg	4.64	0.839	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Lead, Total	13.2		mg/kg	4.64	0.249	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Magnesium, Total	5000		mg/kg	9.29	1.43	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Manganese, Total	318		mg/kg	0.929	0.148	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Mercury, Total	0.055	J	mg/kg	0.083	0.054	1	07/09/24 00:55	07/12/24 14:31	EPA 7471B	1,7471B	SMV
Nickel, Total	12.8		mg/kg	2.32	0.225	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Potassium, Total	539		mg/kg	232	13.4	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.86	0.240	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.464	0.263	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Sodium, Total	24.7	J	mg/kg	186	2.92	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Thallium, Total	0.500	J	mg/kg	1.86	0.292	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Vanadium, Total	29.0		mg/kg	0.929	0.188	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL
Zinc, Total	41.2		mg/kg	4.64	0.272	2	07/09/24 23:45	07/11/24 18:02	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438241
Report Date: 07/15/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1944989-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Iron, Total	0.896	J	mg/kg	2.00	0.361	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Sodium, Total	1.73	J	mg/kg	80.0	1.26	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/09/24 23:45	07/10/24 19:58	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1944991-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/09/24 00:55	07/11/24 10:15	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438241
Report Date: 07/15/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438241

Report Date: 07/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1944989-2								
Aluminum, Total	104		-		80-120	-		
Antimony, Total	101		-		80-120	-		
Arsenic, Total	96		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Calcium, Total	102		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	102		-		80-120	-		
Copper, Total	102		-		80-120	-		
Iron, Total	105		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	101		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	100		-		80-120	-		
Potassium, Total	112		-		80-120	-		
Selenium, Total	100		-		80-120	-		
Silver, Total	102		-		80-120	-		
Sodium, Total	107		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	103		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438241

Report Date: 07/15/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1944989-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1944991-2					
Mercury, Total	98	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438241
Report Date: 07/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1944989-3 QC Sample: L2438247-01 Client ID: MS Sample												
Aluminum, Total	3290	198	5140	**935**	Q	-	-		75-125	-		20
Antimony, Total	2.11J	49.5	40.8	82		-	-		75-125	-		20
Arsenic, Total	18.7	11.9	36.6	**151**	Q	-	-		75-125	-		20
Barium, Total	122	198	354	117		-	-		75-125	-		20
Beryllium, Total	0.296J	4.95	5.20	105		-	-		75-125	-		20
Cadmium, Total	26.8	5.24	35.1	**158**	Q	-	-		75-125	-		20
Calcium, Total	1440	989	4480	**307**	Q	-	-		75-125	-		20
Chromium, Total	31.1	19.8	58.0	**136**	Q	-	-		75-125	-		20
Cobalt, Total	2.63	49.5	47.5	91		-	-		75-125	-		20
Copper, Total	311	24.7	785	**1920**	Q	-	-		75-125	-		20
Iron, Total	18500	98.9	25200	**6770**	Q	-	-		75-125	-		20
Lead, Total	1990	52.4	2680	**1320**	Q	-	-		75-125	-		20
Magnesium, Total	532	989	1720	120		-	-		75-125	-		20
Manganese, Total	115	49.5	261	**295**	Q	-	-		75-125	-		20
Nickel, Total	27.7	49.5	87.8	121		-	-		75-125	-		20
Potassium, Total	240J	989	1280	**129**	Q	-	-		75-125	-		20
Selenium, Total	0.479J	11.9	10.4	88		-	-		75-125	-		20
Silver, Total	1.45	4.95	6.19	96		-	-		75-125	-		20
Sodium, Total	97.9J	989	1140	115		-	-		75-125	-		20
Thallium, Total	ND	11.9	10.5	88		-	-		75-125	-		20
Vanadium, Total	30.7	49.5	82.1	104		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438241
Report Date: 07/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1944989-3 QC Sample: L2438247-01 Client ID: MS Sample										
Zinc, Total	400	49.5	706	**618**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1944991-3 WG1944991-4 QC Sample: L2438229-04 Client ID: MS Sample										
Mercury, Total	ND	1.85	1.85	100		1.89	104	80-120	2	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438241
Report Date: 07/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1944989-4 QC Sample: L2438247-01 Client ID: DUP Sample						
Aluminum, Total	3290	3520	mg/kg	7		20
Antimony, Total	2.11J	1.47J	mg/kg	NC		20
Arsenic, Total	18.7	15.6	mg/kg	18		20
Barium, Total	122	105	mg/kg	15		20
Beryllium, Total	0.296J	0.348J	mg/kg	NC		20
Cadmium, Total	26.8	19.9	mg/kg	**30**	Q	20
Calcium, Total	1440	1360	mg/kg	6		20
Chromium, Total	31.1	29.1	mg/kg	7		20
Cobalt, Total	2.63	2.30	mg/kg	13		20
Copper, Total	311	464	mg/kg	**39**	Q	20
Iron, Total	18500	16700	mg/kg	10		20
Lead, Total	1990	1630	mg/kg	20		20
Magnesium, Total	532	432	mg/kg	**21**	Q	20
Manganese, Total	115	88.9	mg/kg	**26**	Q	20
Nickel, Total	27.7	94.8	mg/kg	**110**	Q	20
Potassium, Total	240J	214J	mg/kg	NC		20
Selenium, Total	0.479J	0.804J	mg/kg	NC		20
Silver, Total	1.45	2.40	mg/kg	**49**	Q	20
Sodium, Total	97.9J	89.5J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438241

Report Date: 07/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1944989-4 QC Sample: L2438247-01 Client ID: DUP Sample						
Thallium, Total	ND	0.325J	mg/kg	NC		20
Vanadium, Total	30.7	42.5	mg/kg	**32**	Q	20
Zinc, Total	400	296	mg/kg	**30**	Q	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2438241
Report Date: 07/15/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1944989-6 QC Sample: L2438247-01 Client ID: DUP Sample						
Aluminum, Total	3290	3360	mg/kg	2		20
Barium, Total	122	125	mg/kg	2		20
Cadmium, Total	26.8	28.4	mg/kg	6		20
Calcium, Total	1440	1480	mg/kg	3		20
Chromium, Total	31.1	32.3	mg/kg	4		20
Copper, Total	311	318	mg/kg	2		20
Iron, Total	18500	19900	mg/kg	8		20
Lead, Total	1990	2000	mg/kg	1		20
Magnesium, Total	532	566	mg/kg	6		20
Manganese, Total	115	118	mg/kg	3		20
Vanadium, Total	30.7	31.3	mg/kg	2		20
Zinc, Total	400	434	mg/kg	9		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2438241
Report Date: 07/15/24

SAMPLE RESULTS

Lab ID: L2438241-01
Client ID: H9_4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/25/24 13:30
Date Received: 06/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	07/08/24 22:10	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2438241

Report Date: 07/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1944560-1 QC Sample: L2434236-10 Client ID: DUP Sample						
Solids, Total	79.2	79.4	%	0		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2438241
Report Date: 07/15/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2438241-01A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2438241-01C	Glass 250ml/8oz unpreserved	C	NA		2.6	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438241
Project Number:	3858.0004Y000	**Report Date:**	07/15/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438241
Project Number:	3858.0004Y000	**Report Date:**	07/15/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438241
Project Number:	3858.0004Y000	**Report Date:**	07/15/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2438241
Project Number:	3858.0004Y000	**Report Date:**	07/15/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2438241 JF 7/8

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 4 of 4

Date Rec'd in Lab: 6/26/24

ALPHA Job #: [redacted]

Client Information

Client: FOUX
Address: 204 SHAFFER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax: 631-232-9898
Email: PLUMBING@FOUXENG.COM

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 850 OLD NICHOLS POINT ROAD
Project #: 3BCB, 0004000
(Use Project name as Project #)
Project Manager: RON LOMBINO
ALPHAQuote #: 27525

Turn-Around Time

Standard: X
Rush (only if pre approved): ☐
Due Date: STANDARD
# of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

ASP-A ☐ ASP-B ☒
EQuIS (1 File) ☐ EQuIS (4 File) ☐
Other ☐

Billing Information

Same as Client Info ☒
PO #

Regulatory Requirement

NY TOGS ☐ NY Part 375 ☐
AWQ Standards ☐ NY CP-51 ☐
NY Restricted Use ☐ Other ☐
NY Unrestricted Use ☐
NYC Sewer Discharge ☐

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ ☐ NY ☐
Other ☐

Sample Filtration

Done ☐
Lab to do ☐
Preservation
Lab to do ☐
(Please Specify below)

ANALYSIS

TAL Metals + Hg, TCL Pesticides, TCL PCBs, 8270 TCL SVOCs, 8260 TCL VOCs, 8081 Pesticides, 8082 PCBs, 8270 TCL SVOCs, TCN (Cyanide)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments	Total # Bottles
[redacted]							
36941-01	H9_2-4	6/25/24	1325	S	EK	HOLD	3
-02	H9_4-6	"	1330	S	EK	HOLD *NY12808 * TAL *TS	3
-03	MB_06252024	"	1135	W	EK		6
-04	DUP_06252024	"	1300	S	EK		3
-05	TB_06252024	6/20/24	—	W	EK		2

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By	Date/Time	Received By	Date/Time
[redacted]	6/25/24 1440	WIFI (Pace)	6/25/24 16:50
WIFI (Pace)	6/25/24 19:42	Anthony Green	JUN 25 2024 0152
Anthony Green	6/26/24 0410		6/26/24 0410
	6/26/24 0810		6/26/24 0810

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2439451
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/16/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439451
Report Date: 07/16/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2439451-01	I9_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 09:10	06/28/24
L2439451-02	I10_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 09:40	06/28/24
L2439451-03	I12_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 11:30	06/28/24
L2439451-04	I13_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 12:20	06/28/24
L2439451-05	I14_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/28/24 13:10	06/28/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439451
Project Number:	3858.0004Y000	**Report Date:**	07/16/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439451
Project Number:	3858.0004Y000	**Report Date:**	07/16/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2439451-01, -02, -03, and -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 07/16/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439451
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-01
Client ID: I9_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:10
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/13/24 09:41
Analyst: JAG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/12/24 17:44
Cleanup Method: EPA 3620B
Cleanup Date: 07/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.738	0.330	1	A
Alpha-BHC	ND		ug/kg	0.738	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	ND		ug/kg	0.886	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	10.7		ug/kg	3.32	0.997	1	B
Endrin	ND		ug/kg	0.738	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.775	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	50.9		ug/kg	1.11	0.554	1	B
4,4'-DDE	27.7		ug/kg	1.77	0.410	1	B
4,4'-DDD	ND		ug/kg	1.77	0.632	1	A
4,4'-DDT	9.40		ug/kg	1.77	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.592	1	A
Endosulfan sulfate	ND		ug/kg	0.738	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.30	1	A
cis-Chlordane	10.1	IP	ug/kg	2.21	0.617	1	B
trans-Chlordane	11.1	IP	ug/kg	2.21	0.585	1	A
Chlordane	ND		ug/kg	14.8	5.87	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439451

Project Number: 3858.0004Y000 **Report Date:** 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-01 Date Collected: 06/28/24 09:10

Client ID: I9_2-4 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439451
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-02
Client ID: I10_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 09:40
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/13/24 09:53
Analyst: JAG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/12/24 17:44
Cleanup Method: EPA 3620B
Cleanup Date: 07/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.757	0.338	1	A
Alpha-BHC	ND		ug/kg	0.757	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.689	1	A
Heptachlor	ND		ug/kg	0.908	0.407	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.757	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.795	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	2.43		ug/kg	1.14	0.568	1	B
4,4'-DDE	4.12		ug/kg	1.82	0.420	1	A
4,4'-DDD	ND		ug/kg	1.82	0.648	1	A
4,4'-DDT	1.95		ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.757	0.360	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.54	1	A
cis-Chlordane	ND	IP	ug/kg	2.27	0.633	1	B
trans-Chlordane	0.735	JIP	ug/kg	2.27	0.599	1	B
Chlordane	ND		ug/kg	15.1	6.02	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439451

Project Number: 3858.0004Y000 **Report Date:** 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-02 Date Collected: 06/28/24 09:40

Client ID: I10_2-4 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439451
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-03
Client ID: I12_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 11:30
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/13/24 10:04
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/12/24 17:44
Cleanup Method: EPA 3620B
Cleanup Date: 07/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.708	0.316	1	A
Alpha-BHC	ND		ug/kg	0.708	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	ND		ug/kg	0.849	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	1.00	J	ug/kg	3.18	0.956	1	A
Endrin	ND		ug/kg	0.708	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.743	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	7.30		ug/kg	1.06	0.531	1	A
4,4'-DDE	6.74		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.606	1	A
4,4'-DDT	2.40		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.708	0.337	1	A
Methoxychlor	ND		ug/kg	3.18	0.991	1	A
Toxaphene	ND		ug/kg	31.8	8.92	1	A
cis-Chlordane	ND	IP	ug/kg	2.12	0.592	1	B
trans-Chlordane	0.665	JIP	ug/kg	2.12	0.561	1	B
Chlordane	ND		ug/kg	14.2	5.63	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439451

Project Number: 3858.0004Y000 **Report Date:** 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-03 Date Collected: 06/28/24 11:30

Client ID: I12_2-4 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439451
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-04
Client ID: I13_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 12:20
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/13/24 10:16
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/12/24 17:44
Cleanup Method: EPA 3620B
Cleanup Date: 07/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.729	0.326	1	A
Alpha-BHC	ND		ug/kg	0.729	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.875	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.616	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.984	1	A
Endrin	ND		ug/kg	0.729	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.766	1	A
Endrin ketone	ND		ug/kg	1.75	0.450	1	A
Dieldrin	ND		ug/kg	1.09	0.547	1	A
4,4'-DDE	ND		ug/kg	1.75	0.405	1	A
4,4'-DDD	ND		ug/kg	1.75	0.624	1	A
4,4'-DDT	ND		ug/kg	1.75	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.413	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.729	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.19	1	A
cis-Chlordane	ND		ug/kg	2.19	0.610	1	A
trans-Chlordane	ND		ug/kg	2.19	0.577	1	A
Chlordane	ND		ug/kg	14.6	5.80	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439451

Project Number: 3858.0004Y000 **Report Date:** 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-04 Date Collected: 06/28/24 12:20

Client ID: I13_2-4 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2439451
Project Number: 3858.0004Y000
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-05
Client ID: I14_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/28/24 13:10
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/13/24 10:27
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/12/24 17:44
Cleanup Method: EPA 3620B
Cleanup Date: 07/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.739	0.330	1	A
Alpha-BHC	ND		ug/kg	0.739	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.673	1	A
Heptachlor	ND		ug/kg	0.887	0.398	1	A
Aldrin	ND		ug/kg	1.77	0.625	1	A
Heptachlor epoxide	ND		ug/kg	3.33	0.998	1	A
Endrin	ND		ug/kg	0.739	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.776	1	A
Endrin ketone	ND		ug/kg	1.77	0.457	1	A
Dieldrin	ND		ug/kg	1.11	0.554	1	A
4,4'-DDE	ND		ug/kg	1.77	0.410	1	A
4,4'-DDD	ND		ug/kg	1.77	0.633	1	A
4,4'-DDT	ND		ug/kg	1.77	1.43	1	A
Endosulfan I	ND		ug/kg	1.77	0.419	1	A
Endosulfan II	ND		ug/kg	1.77	0.593	1	A
Endosulfan sulfate	ND		ug/kg	0.739	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.03	1	A
Toxaphene	ND		ug/kg	33.3	9.31	1	A
cis-Chlordane	ND		ug/kg	2.22	0.618	1	A
trans-Chlordane	ND		ug/kg	2.22	0.586	1	A
Chlordane	ND		ug/kg	14.8	5.88	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439451

Project Number: 3858.0004Y000 **Report Date:** 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-05 Date Collected: 06/28/24 13:10

Client ID: I14_2-4 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439451
Report Date: 07/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/13/24 08:10
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 07/12/24 02:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1946068-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.647	0.289	A
Alpha-BHC	ND		ug/kg	0.647	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.589	A
Heptachlor	ND		ug/kg	0.777	0.348	A
Aldrin	ND		ug/kg	1.55	0.547	A
Heptachlor epoxide	ND		ug/kg	2.91	0.874	A
Endrin	ND		ug/kg	0.647	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.680	A
Endrin ketone	ND		ug/kg	1.55	0.400	A
Dieldrin	ND		ug/kg	0.971	0.485	A
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDD	ND		ug/kg	1.55	0.554	A
4,4'-DDT	ND		ug/kg	1.55	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.367	A
Endosulfan II	ND		ug/kg	1.55	0.519	A
Endosulfan sulfate	ND		ug/kg	0.647	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.906	A
Toxaphene	ND		ug/kg	29.1	8.16	A
cis-Chlordane	ND		ug/kg	1.94	0.541	A
trans-Chlordane	ND		ug/kg	1.94	0.513	A
Chlordane	ND		ug/kg	12.9	5.14	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439451
Report Date: 07/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/13/24 08:10
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 07/12/24 02:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1946068-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	100		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439451

Report Date: 07/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1946068-2 WG1946068-3									
Delta-BHC	59		81		30-150	**31**	Q	30	A
Lindane	55		77		30-150	**33**	Q	30	A
Alpha-BHC	57		81		30-150	**35**	Q	30	A
Beta-BHC	66		90		30-150	**31**	Q	30	A
Heptachlor	58		79		30-150	**31**	Q	30	A
Aldrin	56		79		30-150	**34**	Q	30	A
Heptachlor epoxide	52		73		30-150	**34**	Q	30	A
Endrin	59		83		30-150	**34**	Q	30	A
Endrin aldehyde	59		83		30-150	**34**	Q	30	A
Endrin ketone	61		85		30-150	**33**	Q	30	A
Dieldrin	62		88		30-150	**35**	Q	30	A
4,4'-DDE	58		84		30-150	**37**	Q	30	A
4,4'-DDD	63		89		30-150	**34**	Q	30	A
4,4'-DDT	60		85		30-150	**34**	Q	30	A
Endosulfan I	57		81		30-150	**35**	Q	30	A
Endosulfan II	59		84		30-150	**35**	Q	30	A
Endosulfan sulfate	54		75		30-150	**33**	Q	30	A
Methoxychlor	58		81		30-150	**33**	Q	30	A
cis-Chlordane	55		76		30-150	**32**	Q	30	A
trans-Chlordane	68		95		30-150	**33**	Q	30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439451

Report Date: 07/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1946068-2 WG1946068-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		75		30-150	A
Decachlorobiphenyl	62		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		78		30-150	B
Decachlorobiphenyl	72		99		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439451

Project Number: 3858.0004Y000 **Report Date:** 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-01 Date Collected: 06/28/24 09:10

Client ID: I9_2-4 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12800		mg/kg	9.08	2.45	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.54	0.345	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Arsenic, Total	9.96		mg/kg	0.908	0.189	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Barium, Total	62.4		mg/kg	0.908	0.158	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.382	J	mg/kg	0.454	0.030	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.155	J	mg/kg	0.908	0.089	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Calcium, Total	1150		mg/kg	9.08	3.18	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Chromium, Total	25.3		mg/kg	0.908	0.087	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.00		mg/kg	1.82	0.151	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Copper, Total	17.0		mg/kg	0.908	0.234	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Iron, Total	16900		mg/kg	4.54	0.820	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Lead, Total	41.7		mg/kg	4.54	0.243	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Magnesium, Total	5200		mg/kg	9.08	1.40	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Manganese, Total	258		mg/kg	0.908	0.144	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Mercury, Total	0.683		mg/kg	0.073	0.048	1	07/13/24 14:20	07/15/24 15:35	EPA 7471B	1,7471B	MJR
Nickel, Total	12.8		mg/kg	2.27	0.220	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Potassium, Total	1390		mg/kg	227	13.1	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Selenium, Total	0.273	J	mg/kg	1.82	0.234	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Silver, Total	0.267	J	mg/kg	0.454	0.257	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Sodium, Total	68.5	J	mg/kg	182	2.86	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Thallium, Total	0.561	J	mg/kg	1.82	0.286	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.5		mg/kg	0.908	0.184	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL
Zinc, Total	51.1		mg/kg	4.54	0.266	2	07/13/24 12:00	07/15/24 10:22	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439451

Project Number: 3858.0004Y000 **Report Date:** 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-02 Date Collected: 06/28/24 09:40

Client ID: I10_2-4 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13300		mg/kg	9.07	2.45	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.54	0.345	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Arsenic, Total	6.21		mg/kg	0.907	0.189	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Barium, Total	34.2		mg/kg	0.907	0.158	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.542		mg/kg	0.454	0.030	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.907	0.089	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Calcium, Total	569		mg/kg	9.07	3.17	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Chromium, Total	24.9		mg/kg	0.907	0.087	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.72		mg/kg	1.81	0.150	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Copper, Total	17.5		mg/kg	0.907	0.234	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Iron, Total	23300		mg/kg	4.54	0.819	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Lead, Total	7.26		mg/kg	4.54	0.243	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Magnesium, Total	4880		mg/kg	9.07	1.40	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Manganese, Total	125		mg/kg	0.907	0.144	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.074	0.049	1	07/13/24 14:20	07/15/24 15:39	EPA 7471B	1,7471B	MJR
Nickel, Total	14.5		mg/kg	2.27	0.220	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Potassium, Total	364		mg/kg	227	13.1	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Selenium, Total	0.395	J	mg/kg	1.81	0.234	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.454	0.257	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Sodium, Total	71.8	J	mg/kg	181	2.86	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Thallium, Total	0.522	J	mg/kg	1.81	0.286	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Vanadium, Total	45.0		mg/kg	0.907	0.184	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL
Zinc, Total	37.3		mg/kg	4.54	0.266	2	07/13/24 12:00	07/15/24 10:26	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439451

Project Number: 3858.0004Y000 **Report Date:** 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-03 Date Collected: 06/28/24 11:30

Client ID: I12_2-4 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10900		mg/kg	8.89	2.40	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.45	0.338	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Arsenic, Total	3.99		mg/kg	0.889	0.185	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Barium, Total	57.8		mg/kg	0.889	0.155	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.301	J	mg/kg	0.445	0.029	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.889	0.087	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Calcium, Total	854		mg/kg	8.89	3.11	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Chromium, Total	19.8		mg/kg	0.889	0.085	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.09		mg/kg	1.78	0.148	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Copper, Total	17.9		mg/kg	0.889	0.229	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Iron, Total	15800		mg/kg	4.45	0.803	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Lead, Total	6.41		mg/kg	4.45	0.238	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Magnesium, Total	3530		mg/kg	8.89	1.37	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Manganese, Total	294		mg/kg	0.889	0.141	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Mercury, Total	0.048	J	mg/kg	0.071	0.046	1	07/13/24 14:20	07/15/24 15:42	EPA 7471B	1,7471B	MJR
Nickel, Total	14.0		mg/kg	2.22	0.215	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Potassium, Total	1740		mg/kg	222	12.8	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Selenium, Total	0.254	J	mg/kg	1.78	0.229	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.445	0.252	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Sodium, Total	60.2	J	mg/kg	178	2.80	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Thallium, Total	0.417	J	mg/kg	1.78	0.280	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Vanadium, Total	23.5		mg/kg	0.889	0.180	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL
Zinc, Total	29.6		mg/kg	4.45	0.260	2	07/13/24 12:00	07/15/24 10:46	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439451

Project Number: 3858.0004Y000 **Report Date:** 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-04 Date Collected: 06/28/24 12:20

Client ID: I13_2-4 Date Received: 06/28/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13900		mg/kg	8.65	2.34	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.33	0.329	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Arsenic, Total	5.99		mg/kg	0.865	0.180	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Barium, Total	59.2		mg/kg	0.865	0.150	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.416	J	mg/kg	0.433	0.029	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.865	0.085	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Calcium, Total	428		mg/kg	8.65	3.03	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Chromium, Total	35.2		mg/kg	0.865	0.083	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Cobalt, Total	10.7		mg/kg	1.73	0.144	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Copper, Total	23.4		mg/kg	0.865	0.223	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Iron, Total	19500		mg/kg	4.33	0.782	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Lead, Total	5.65		mg/kg	4.33	0.232	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Magnesium, Total	4130		mg/kg	8.65	1.33	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Manganese, Total	392		mg/kg	0.865	0.138	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.072	0.047	1	07/13/24 14:20	07/15/24 15:45	EPA 7471B	1,7471B	MJR
Nickel, Total	110		mg/kg	2.16	0.209	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Potassium, Total	1600		mg/kg	216	12.5	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Selenium, Total	0.360	J	mg/kg	1.73	0.223	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.433	0.245	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Sodium, Total	47.8	J	mg/kg	173	2.73	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Thallium, Total	0.656	J	mg/kg	1.73	0.273	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Vanadium, Total	26.8		mg/kg	0.865	0.176	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL
Zinc, Total	33.9		mg/kg	4.33	0.254	2	07/13/24 12:00	07/15/24 10:50	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439451
Report Date: 07/16/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1946571-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Antimony, Total	0.159	J	mg/kg	2.00	0.152	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Iron, Total	0.986	J	mg/kg	2.00	0.361	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Selenium, Total	0.130	J	mg/kg	0.800	0.103	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1946574-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/13/24 14:20	07/15/24 15:09	1,7471B	MJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439451
Report Date: 07/16/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439451

Report Date: 07/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1946571-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	107		-		80-120	-		
Arsenic, Total	105		-		80-120	-		
Barium, Total	106		-		80-120	-		
Beryllium, Total	108		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Calcium, Total	107		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	106		-		80-120	-		
Iron, Total	108		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	104		-		80-120	-		
Manganese, Total	106		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Potassium, Total	109		-		80-120	-		
Selenium, Total	104		-		80-120	-		
Silver, Total	108		-		80-120	-		
Sodium, Total	108		-		80-120	-		
Thallium, Total	103		-		80-120	-		
Vanadium, Total	104		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439451

Report Date: 07/16/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1946571-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1946574-2					
Mercury, Total	97	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439451
Report Date: 07/16/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1946571-3 QC Sample: L2439448-01 Client ID: MS Sample												
Arsenic, Total	5.97	12.9	18.8	100		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1946574-3 QC Sample: L2439480-03 Client ID: MS Sample												
Mercury, Total	ND	1.44	1.46	101		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439451

Report Date: 07/16/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1946571-4 QC Sample: L2439448-01 Client ID: DUP Sample						
Arsenic, Total	5.97	5.92	mg/kg	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1946574-4 QC Sample: L2439480-03 Client ID: DUP Sample						
Mercury, Total	ND	0.052J	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439451
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-01
Client ID: I9_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 09:10
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	07/13/24 09:05	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439451
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-02
Client ID: I10_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 09:40
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	07/13/24 09:05	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439451
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-03
Client ID: I12_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 11:30
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	07/13/24 09:05	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439451
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-04
Client ID: I13_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 12:20
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	07/13/24 09:05	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439451
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439451-05
Client ID: I14_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/24 13:10
Date Received: 06/28/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	07/13/24 09:05	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439451

Report Date: 07/16/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1946519-1 QC Sample: L2439464-01 Client ID: DUP Sample						
Solids, Total	70.2	71.6	%	2		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439451
Report Date: 07/16/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2439451-01A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2439451-01B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		TS(7),NYTCL-8081(14)
L2439451-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2439451-02B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		TS(7),NYTCL-8081(14)
L2439451-03A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2439451-03B	Glass 120ml/4oz unpreserved	D	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2439451-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2439451-04B	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		TS(7),NYTCL-8081(14)
L2439451-05B	Glass 120ml/4oz unpreserved	D	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439451
Project Number:	3858.0004Y000	**Report Date:**	07/16/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439451
Project Number:	3858.0004Y000	**Report Date:**	07/16/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439451
Project Number:	3858.0004Y000	**Report Date:**	07/16/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439451
Project Number:	3858.0004Y000	**Report Date:**	07/16/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2439451 16JUL24
ROUX – NY

KJL 7/12/24

NEW YORK CHAIN OF CUSTODY

Page 1 of 3

Date Rec'd in Lab: 6/29/24

ALPHA

Westborough, MA 01581 — 8 Walkup Dr. — TEL 508-898-9220 — FAX 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL 508-822-9300 — FAX 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐
Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☑ ASP-B ☐ EQuIS (1 File) ☐ EQuIS (4 File) ☐ Other

☑ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility: ☐ NJ ☐ NY ☐ Other:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs +40 TICs: Total Solids	TCL/Part 375 BNA/SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	Total # Bottles
39451-01	IA-0-0.2	6/28/24	0900	S	RL			X	X	X	X				3
	IA-0.2-2		0905	S	RL	X	X	X	X	X	X	X	X		7
	IA-2-4		0910	S	RL			H	H	H	H			~~pH~~ X	3
	IA-4-6		0915	S	RL			H	H	H	H			~~TOC~~	3
	IB-0-0.2		0930	S	RL			X	X	X	X				3
	IB-0.2-2		0935	S	RL	X	X	X	X	X	X	X	X		9
	IB-2-4		0940	S	RL			H	H	H	H			~~TOC~~ X	3
	IB-4-6		0945	S	RL			H	H	H	H			~~TOC~~	3
	IC-0-0.2		1000	S	RL			X	X	X	X				3
	IC-0.2-2		1005	S	RL	X	X	X	X	X	X	X	X		7

Sample Filtration
☐ Done ☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)
NYTCL-8081 TAL, TS

Preservative Code	Container Code
A = None	P = Plastic
B = HCl	A = Amber Glass
C = HNO_3	V = Vial
D = H_2SO_4	G = Glass
E = NaOH	B = Bacteria Cup
F = MeOH	C = Cube
G = $NaHSO_4$	O = Other
H = $Na_2S_2O_3$	E = Encore
K/E = Zn Ac/NaOH	D = BOD Bottle
O = Other	

Form No: 01-25 (rev. 30-Sept-2013)

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By	Date/Time	Received By	Date/Time
	6/28/24 1410	SSMI Rail	6-29-24 1446
	6-28-24 1816		6/29/24 1840
	6/29/24		6/29/24 01:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS

KSL 7/12/24 L2439451

ALPHA — NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL 508-898-9220 — FAX 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL 508-822-9300 — FAX 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 3

Date Rec'd in Lab: 6/29/24

ALPHA Job #: ~~L2439451~~

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)
NYTAL-8081, TAL, TS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL Part 375 VOCs + 10 TICs + Total Solids	TCL Part 375 SVOCs	BN/SVOCs TAL Part 375 Metals	Hexavalent Chromium	TCL Part 375 Pesticides	TCL Part 375 Herbicides	TCL Part 375 PCBs	Total Cyanide	Sample Specific Comments	# of Bottles
~~37~~	I11 - 2-4	6/28/24	1010	S	BL			H	H	H	H			TAL	3
~~38~~	I11 - 4-6		1015	S	BL			H	H	H	H			TAL	3
~~39~~	I12 - 0-0.2		1120	S	BL			X	X	X	X				3
~~40~~	I12 - 0.2-2		1125	S	BL	X	X	X	X	X	X	X	X	~~TAL/TCL~~	21
39451-03 ~~41~~	I12 - 2-4		1130	S	BL			H	H	H	H			~~TAL~~ X	3
~~42~~	I12 - 4-6		1135	S	BL			H	H	H	H			~~TAL~~	3
~~43~~	I13 - 0-0.2		1210	S	BL			X	X	X	X			~~TAL/TCL~~	9
~~44~~	I13 - 0.2-2		1215	S	BL	X	X	X	X	X	X	X	X		7
~~04~~ ~~45~~	I13 - 2-4		1220	S	BL			H	H	H	H			~~TAL~~ X	3
~~46~~	I13 - 4-6		1225	S	BL			H	H	H	H			~~TAL~~	3

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
BL	6/28/24 1410	SSmith Pace	6-28-24 1944
SSmith	6-28-24 1916		6/28/24 18:40
	6/28/24		6/29/24 01:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS

Form No: 01-25 (rev. 30-Sept-2013)

KJL 7/12/24

L2439451

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ~~4~~ 3 of 3

Date Rec'd in Lab: 6/29/24

ALPHA Job #: ~~L2439451~~

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities
Disposal Facility:
☐ NJ ☐ NY
☐ Other

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL Part 375 VOCs + 10 TICs; Total Solids; TCL Part 375 SVOCs; TAL Part 375 Metals; Hexavalent Chromium; TCL Part 375 Pesticides; TCL Part 375 Herbicides; TCL Part 375 PCBs; Total Cyanide

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)
NYTCL-8081, TJ

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments	Total Bottle
~~39451-01~~	IM-0-0.2	6/28/24	1300	S	EL		3
~~-02~~	IM-0.2-2		1305	S	EL		7
39451-05 ~~-03~~	IM-2-4		1310	S	EL	~~ROOF~~ X	2
~~-04~~	IM-4-6		1315	S	EL	~~WALL~~	3
~~-05~~	FB-06282024-1		1345	W	EL		6
~~-06~~	FB-06282024-2		1355	W	EL		15
~~-07~~	DUP-06282024-1		1200	S	EL		3
TB	DUP-06282024-2		1205	S	EL		7
~~-09~~	TB-06282024	6/26/24	—	W	EL		2

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A	
Preservative	A	A	A	A	A	A	A	A	

Relinquished By	Date/Time	Received By	Date/Time
EL	6/28/24 1410	Sync Pace	6-28-24 1114
SSNC	6-28-24 1916		6/29/24 01:20
	6/29/24		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2439480
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/16/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439480
Report Date: 07/16/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2439480-01	I3_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 10:20	06/27/24
L2439480-02	I4_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 10:55	06/27/24
L2439480-03	I5_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 11:40	06/27/24
L2439480-04	I6_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 13:10	06/27/24
L2439480-05	I7_2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	06/27/24 13:40	06/27/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439480
Project Number:	3858.0004Y000	**Report Date:**	07/16/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439480
Project Number:	3858.0004Y000	**Report Date:**	07/16/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Pesticides

L2439480-01, -02, and -04: The sample was extracted with the method required holding time exceeded.

Total Metals

L2439480-02, -03, and -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 07/16/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Lab Number: L2439480
Project Number: 3858.0004Y000
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439480-01
Client ID: I3_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 10:20
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/13/24 10:38
Analyst: JAG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 07/12/24 18:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.684	0.306	1	A
Alpha-BHC	ND		ug/kg	0.684	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.623	1	A
Heptachlor	ND		ug/kg	0.821	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.578	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.924	1	A
Endrin	ND		ug/kg	0.684	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.719	1	A
Endrin ketone	ND		ug/kg	1.64	0.423	1	A
Dieldrin	ND		ug/kg	1.03	0.513	1	A
4,4'-DDE	ND		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.586	1	A
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.549	1	A
Endosulfan sulfate	ND		ug/kg	0.684	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.958	1	A
Toxaphene	ND		ug/kg	30.8	8.62	1	A
cis-Chlordane	ND		ug/kg	2.05	0.572	1	A
trans-Chlordane	ND		ug/kg	2.05	0.542	1	A
Chlordane	ND		ug/kg	13.7	5.44	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439480

Project Number: 3858.0004Y000 **Report Date:** 07/16/24

SAMPLE RESULTS

Lab ID: L2439480-01 Date Collected: 06/27/24 10:20

Client ID: I3_2-4 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2439480
Project Number: 3858.0004Y000
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439480-02
Client ID: I4_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 10:55
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/13/24 10:50
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/12/24 18:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.334	1	A
Lindane	ND		ug/kg	0.710	0.318	1	A
Alpha-BHC	ND		ug/kg	0.710	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.646	1	A
Heptachlor	ND		ug/kg	0.852	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.959	1	A
Endrin	ND		ug/kg	0.710	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.746	1	A
Endrin ketone	ND		ug/kg	1.70	0.439	1	A
Dieldrin	ND		ug/kg	1.06	0.533	1	A
4,4'-DDE	3.88		ug/kg	1.70	0.394	1	A
4,4'-DDD	ND		ug/kg	1.70	0.608	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.403	1	A
Endosulfan II	ND		ug/kg	1.70	0.570	1	A
Endosulfan sulfate	ND		ug/kg	0.710	0.338	1	A
Methoxychlor	ND		ug/kg	3.20	0.995	1	A
Toxaphene	ND		ug/kg	32.0	8.95	1	A
cis-Chlordane	ND		ug/kg	2.13	0.594	1	A
trans-Chlordane	ND		ug/kg	2.13	0.563	1	A
Chlordane	ND		ug/kg	14.2	5.65	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439480

Project Number: 3858.0004Y000 **Report Date:** 07/16/24

SAMPLE RESULTS

Lab ID: L2439480-02 Date Collected: 06/27/24 10:55

Client ID: I4_2-4 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439480
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439480-04
Client ID: I6_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 06/27/24 13:10
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/13/24 11:01
Analyst: JAG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/12/24 18:04
Cleanup Method: EPA 3620B
Cleanup Date: 07/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.769	0.344	1	A
Alpha-BHC	ND		ug/kg	0.769	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.700	1	A
Heptachlor	ND		ug/kg	0.922	0.414	1	A
Aldrin	ND		ug/kg	1.84	0.650	1	A
Heptachlor epoxide	2.28	J	ug/kg	3.46	1.04	1	B
Endrin	ND		ug/kg	0.769	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.807	1	A
Endrin ketone	ND		ug/kg	1.84	0.475	1	A
Dieldrin	5.63		ug/kg	1.15	0.576	1	B
4,4'-DDE	1.36	J	ug/kg	1.84	0.427	1	A
4,4'-DDD	ND		ug/kg	1.84	0.658	1	A
4,4'-DDT	ND		ug/kg	1.84	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.436	1	A
Endosulfan II	ND		ug/kg	1.84	0.616	1	A
Endosulfan sulfate	ND		ug/kg	0.769	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.69	1	A
cis-Chlordane	ND	IP	ug/kg	2.31	0.643	1	B
trans-Chlordane	1.65	JIP	ug/kg	2.31	0.609	1	B
Chlordane	ND		ug/kg	15.4	6.11	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439480

Project Number: 3858.0004Y000 **Report Date:** 07/16/24

SAMPLE RESULTS

Lab ID: L2439480-04 Date Collected: 06/27/24 13:10

Client ID: I6_2-4 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439480
Report Date: 07/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/13/24 08:10
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 07/12/24 02:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,04 Batch: WG1946068-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.647	0.289	A
Alpha-BHC	ND		ug/kg	0.647	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.589	A
Heptachlor	ND		ug/kg	0.777	0.348	A
Aldrin	ND		ug/kg	1.55	0.547	A
Heptachlor epoxide	ND		ug/kg	2.91	0.874	A
Endrin	ND		ug/kg	0.647	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.680	A
Endrin ketone	ND		ug/kg	1.55	0.400	A
Dieldrin	ND		ug/kg	0.971	0.485	A
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDD	ND		ug/kg	1.55	0.554	A
4,4'-DDT	ND		ug/kg	1.55	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.367	A
Endosulfan II	ND		ug/kg	1.55	0.519	A
Endosulfan sulfate	ND		ug/kg	0.647	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.906	A
Toxaphene	ND		ug/kg	29.1	8.16	A
cis-Chlordane	ND		ug/kg	1.94	0.541	A
trans-Chlordane	ND		ug/kg	1.94	0.513	A
Chlordane	ND		ug/kg	12.9	5.14	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439480
Report Date: 07/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/13/24 08:10
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 07/12/24 02:14
Cleanup Method: EPA 3620B
Cleanup Date: 07/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,04 Batch: WG1946068-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	100		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439480
Report Date: 07/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1946068-2 WG1946068-3									
Delta-BHC	59		81		30-150	**31**	Q	30	A
Lindane	55		77		30-150	**33**	Q	30	A
Alpha-BHC	57		81		30-150	**35**	Q	30	A
Beta-BHC	66		90		30-150	**31**	Q	30	A
Heptachlor	58		79		30-150	**31**	Q	30	A
Aldrin	56		79		30-150	**34**	Q	30	A
Heptachlor epoxide	52		73		30-150	**34**	Q	30	A
Endrin	59		83		30-150	**34**	Q	30	A
Endrin aldehyde	59		83		30-150	**34**	Q	30	A
Endrin ketone	61		85		30-150	**33**	Q	30	A
Dieldrin	62		88		30-150	**35**	Q	30	A
4,4'-DDE	58		84		30-150	**37**	Q	30	A
4,4'-DDD	63		89		30-150	**34**	Q	30	A
4,4'-DDT	60		85		30-150	**34**	Q	30	A
Endosulfan I	57		81		30-150	**35**	Q	30	A
Endosulfan II	59		84		30-150	**35**	Q	30	A
Endosulfan sulfate	54		75		30-150	**33**	Q	30	A
Methoxychlor	58		81		30-150	**33**	Q	30	A
cis-Chlordane	55		76		30-150	**32**	Q	30	A
trans-Chlordane	68		95		30-150	**33**	Q	30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439480

Report Date: 07/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1946068-2 WG1946068-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		75		30-150	A
Decachlorobiphenyl	62		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		78		30-150	B
Decachlorobiphenyl	72		99		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439480

Project Number: 3858.0004Y000 **Report Date:** 07/16/24

SAMPLE RESULTS

Lab ID: L2439480-02 Date Collected: 06/27/24 10:55

Client ID: I4_2-4 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13800		mg/kg	8.55	2.31	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.28	0.325	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Arsenic, Total	4.57		mg/kg	0.855	0.178	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Barium, Total	49.7		mg/kg	0.855	0.149	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.495		mg/kg	0.428	0.028	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.099	J	mg/kg	0.855	0.084	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Calcium, Total	618		mg/kg	8.55	2.99	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Chromium, Total	22.5		mg/kg	0.855	0.082	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.32		mg/kg	1.71	0.142	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Copper, Total	14.6		mg/kg	0.855	0.221	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Iron, Total	19400		mg/kg	4.28	0.772	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Lead, Total	8.50		mg/kg	4.28	0.229	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Magnesium, Total	5930		mg/kg	8.55	1.32	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Manganese, Total	328		mg/kg	0.855	0.136	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Mercury, Total	0.051	J	mg/kg	0.072	0.047	1	07/13/24 14:20	07/15/24 15:55	EPA 7471B	1,7471B	MJR
Nickel, Total	16.8		mg/kg	2.14	0.207	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Potassium, Total	1550		mg/kg	214	12.3	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Selenium, Total	0.268	J	mg/kg	1.71	0.221	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.428	0.242	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Sodium, Total	33.4	J	mg/kg	171	2.69	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Thallium, Total	0.536	J	mg/kg	1.71	0.269	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.8		mg/kg	0.855	0.174	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL
Zinc, Total	43.4		mg/kg	4.28	0.250	2	07/13/24 12:00	07/15/24 10:56	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439480

Project Number: 3858.0004Y000 **Report Date:** 07/16/24

SAMPLE RESULTS

Lab ID: L2439480-03 Date Collected: 06/27/24 11:40

Client ID: I5_2-4 Date Received: 06/27/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14300		mg/kg	8.96	2.42	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.48	0.340	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Arsenic, Total	5.38		mg/kg	0.896	0.186	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Barium, Total	49.7		mg/kg	0.896	0.156	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.462		mg/kg	0.448	0.030	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.164	J	mg/kg	0.896	0.088	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Calcium, Total	1190		mg/kg	8.96	3.14	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Chromium, Total	27.0		mg/kg	0.896	0.086	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.43		mg/kg	1.79	0.149	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Copper, Total	24.1		mg/kg	0.896	0.231	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Iron, Total	19600		mg/kg	4.48	0.809	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Lead, Total	14.7		mg/kg	4.48	0.240	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Magnesium, Total	9100		mg/kg	8.96	1.38	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Manganese, Total	296		mg/kg	0.896	0.142	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.073	0.047	1	07/13/24 14:20	07/15/24 15:15	EPA 7471B	1,7471B	MJR
Nickel, Total	16.9		mg/kg	2.24	0.217	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Potassium, Total	1910		mg/kg	224	12.9	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Selenium, Total	0.258	J	mg/kg	1.79	0.231	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.448	0.254	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Sodium, Total	46.0	J	mg/kg	179	2.82	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Thallium, Total	0.880	J	mg/kg	1.79	0.282	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Vanadium, Total	36.3		mg/kg	0.896	0.182	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL
Zinc, Total	113		mg/kg	4.48	0.262	2	07/13/24 12:00	07/15/24 11:00	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2439480
Project Number: 3858.0004Y000
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439480-05
Client ID: I7_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 06/27/24 13:40
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 41%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	19200		mg/kg	18.8	5.08	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Antimony, Total	0.755	J	mg/kg	9.41	0.715	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Arsenic, Total	4.18		mg/kg	1.88	0.391	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Barium, Total	187		mg/kg	1.88	0.327	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Beryllium, Total	1.24		mg/kg	0.941	0.062	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.306	J	mg/kg	1.88	0.184	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Calcium, Total	5120		mg/kg	18.8	6.58	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Chromium, Total	21.8		mg/kg	1.88	0.181	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Cobalt, Total	3.70	J	mg/kg	3.76	0.312	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Copper, Total	16.0		mg/kg	1.88	0.485	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Iron, Total	8030		mg/kg	9.41	1.70	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Lead, Total	11.6		mg/kg	9.41	0.504	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Magnesium, Total	3020		mg/kg	18.8	2.90	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Manganese, Total	95.1		mg/kg	1.88	0.299	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Mercury, Total	0.133	J	mg/kg	0.153	0.100	1	07/13/24 14:20	07/15/24 15:58	EPA 7471B	1,7471B	MJR
Nickel, Total	15.4		mg/kg	4.70	0.455	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Potassium, Total	433	J	mg/kg	470	27.1	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Selenium, Total	2.90	J	mg/kg	3.76	0.485	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.941	0.532	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Sodium, Total	54.8	J	mg/kg	376	5.93	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	3.76	0.593	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Vanadium, Total	20.2		mg/kg	1.88	0.382	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL
Zinc, Total	34.9		mg/kg	9.41	0.551	2	07/13/24 12:00	07/15/24 11:03	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439480

Project Number: 3858.0004Y000 **Report Date:** 07/16/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-03,05 Batch: WG1946571-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Antimony, Total	0.159	J	mg/kg	2.00	0.152	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Iron, Total	0.986	J	mg/kg	2.00	0.361	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Selenium, Total	0.130	J	mg/kg	0.800	0.103	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/13/24 12:00	07/15/24 09:09	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-03,05 Batch: WG1946574-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/13/24 14:20	07/15/24 15:09	1,7471B	MJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439480
Report Date: 07/16/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439480

Report Date: 07/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-03,05 Batch: WG1946571-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	107		-		80-120	-		
Arsenic, Total	105		-		80-120	-		
Barium, Total	106		-		80-120	-		
Beryllium, Total	108		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Calcium, Total	107		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	106		-		80-120	-		
Iron, Total	108		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	104		-		80-120	-		
Manganese, Total	106		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Potassium, Total	109		-		80-120	-		
Selenium, Total	104		-		80-120	-		
Silver, Total	108		-		80-120	-		
Sodium, Total	108		-		80-120	-		
Thallium, Total	103		-		80-120	-		
Vanadium, Total	104		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439480

Report Date: 07/16/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-03,05 Batch: WG1946571-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02-03,05 Batch: WG1946574-2					
Mercury, Total	97	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439480
Report Date: 07/16/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-03,05 QC Batch ID: WG1946571-3 QC Sample: L2439448-01 Client ID: MS Sample												
Arsenic, Total	5.97	12.9	18.8	100		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 02-03,05 QC Batch ID: WG1946574-3 QC Sample: L2439480-03 Client ID: I5_2-4												
Mercury, Total	ND	1.44	1.46	101		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439480

Report Date: 07/16/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-03,05 QC Batch ID: WG1946571-4 QC Sample: L2439448-01 Client ID: DUP Sample						
Arsenic, Total	5.97	5.92	mg/kg	1		20
Total Metals - Mansfield Lab Associated sample(s): 02-03,05 QC Batch ID: WG1946574-4 QC Sample: L2439480-03 Client ID: I5_2-4						
Mercury, Total	ND	0.052J	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439480
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439480-01
Client ID: I3_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 10:20
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.5		%	0.100	NA	1	-	07/13/24 09:05	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439480
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439480-02
Client ID: I4_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 10:55
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	07/13/24 09:05	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439480
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439480-03
Client ID: I5_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 11:40
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	07/13/24 09:05	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439480
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439480-04
Client ID: I6_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 13:10
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	07/13/24 09:05	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439480
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2439480-05
Client ID: I7_2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/27/24 13:40
Date Received: 06/27/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	41.2		%	0.100	NA	1	-	07/13/24 09:05	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439480

Report Date: 07/16/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1946519-1 QC Sample: L2439464-01 Client ID: DUP Sample						
Solids, Total	70.2	71.6	%	2		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439480
Report Date: 07/16/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2439480-01A	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		TS(7),NYTCL-8081(14)
L2439480-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2439480-02B	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		TS(7),NYTCL-8081(14)
L2439480-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2439480-03B	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		TS(7)
L2439480-04A	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		TS(7),NYTCL-8081(14)
L2439480-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2439480-05B	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439480
Project Number:	3858.0004Y000	**Report Date:**	07/16/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439480
Project Number:	3858.0004Y000	**Report Date:**	07/16/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439480
Project Number:	3858.0004Y000	**Report Date:**	07/16/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439480
Project Number:	3858.0004Y000	**Report Date:**	07/16/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

KJL 7/12/24

L2439480 ROUX – NY 16JUL24

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 06/25/24

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B ☐ EQuIS (1 File) ☐ EQuIS (4 File) ☐ Other

☑ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility: ☐ NJ ☐ NY ☐ Other

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL Part 375 VOCs; 40 TICs Total Solids; TCL Part 375 BNA/SVOCs; TAL Part 375 Metals; Hexavalent Chromium; TCL Part 375 Pesticides; TCL Part 375 Herbicides; TCL Part 375 PCBs; Total Cyanide

Sample Filtration
☐ Done ☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)
NYTCL 5031 TAL TS

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total # Bottles
	I3_0-0.2	6/21/24	1010	S	EL	3
	I3_0.2-2		1015	S	EL	7
39480-01	I3_2-4		1020	S	EL	3
	I3_4-6		1025	S	EL	3
	I4_0-0.2		1045	S	EL	3
	I4_0.2-2		1050	S	EL	7
-02	I4_2-4		1055	S	EL	3
	I4_4-6		1100	S	EL	3
	I5_0-0.2		1130	S	EL	7
	I5_0.2-2		1135	S	EL	7

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
EL	6/21/24 1430		
	6/21 1710		6/22/24 1815
	6/22 1200		6/22/24 01:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

L2439480 KJL 7/12/24

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 3

Date Rec'd in Lab: 06/28/24

ALPHA Job #: L2439480

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☑ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)
NYTAL 8081 TAL TS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs + 10 TICs, 1,4-Dioxane	TCL/Part 375 SVOCs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide	Sample Specific Comments	# of Bottles
39480-01	IS-2-4	6/27/24	1140	S	BL			H	H	H	H			X X	3
-02	IS-4-6		1145	S	BL			H	H	H	H				3
-03	IB-0-0.2		1300	S	BL			X	X	X	X				9
-04	IB-0.2-2		1305	S	BL	X	X	X	X	X	X	X	X		7
-05	IB-2-4		1310	S	BL			H	H	H	H			X X	3
-06	IB-4-6		1315	S	BL			H	H	H	H				3
-07	IT-0-0.2		1320	S	BL			X	X	X	X				3
-08	IT-0.2-2		1325	S	BL	X	X	X	X	X	X	X	X		7
-09	IT-2-4		1340	S	BL			H	H	H	H			X X	3
-10	IT-4-6		1345	S	BL			H	H	H	H				3

Container Type: E A A A A A A A
Preservative: A A A A A A A A

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By	Date/Time	Received By	Date/Time
	6/27/24 1430		6/27/24 1545
	6/28/24 1210		6/28/24 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2439488
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/19/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439488
Report Date: 07/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2439488-01	SV-07	SOIL_VAPOR	850 DOBBS FERRY ROAD	07/12/24 12:47	07/12/24
L2439488-02	SV-01	SOIL_VAPOR	850 DOBBS FERRY ROAD	07/12/24 13:06	07/12/24
L2439488-03	SV-04	SOIL_VAPOR	850 DOBBS FERRY ROAD	07/12/24 13:12	07/12/24
L2439488-04	SV-02	SOIL_VAPOR	850 DOBBS FERRY ROAD	07/12/24 13:17	07/12/24
L2439488-05	SV-03	SOIL_VAPOR	850 DOBBS FERRY ROAD	07/12/24 13:21	07/12/24
L2439488-06	SV-08	SOIL_VAPOR	850 DOBBS FERRY ROAD	07/12/24 13:26	07/12/24
L2439488-07	SV-06	SOIL_VAPOR	850 DOBBS FERRY ROAD	07/12/24 13:31	07/12/24
L2439488-08	SV-05	SOIL_VAPOR	850 DOBBS FERRY ROAD	07/12/24 13:35	07/12/24
L2439488-09	SV-09	SOIL_VAPOR	850 DOBBS FERRY ROAD	07/12/24 13:46	07/12/24
L2439488-10	SV-10	SOIL_VAPOR	850 DOBBS FERRY ROAD	07/12/24 14:27	07/12/24
L2439488-11	SV-11	SOIL_VAPOR	850 DOBBS FERRY ROAD	07/12/24 14:12	07/12/24
L2439488-12	DUP_07122024	SOIL_VAPOR	850 DOBBS FERRY ROAD	07/12/24 14:20	07/12/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439488
Project Number:	3858.0004Y000	**Report Date:**	07/19/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439488
Project Number: 3858.0004Y000 **Report Date:** 07/19/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on July 10, 2024. The canister certification data is provided as an addendum.

L2439488-05: The canister vacuum measured on receipt at the laboratory was > 15 in. Hg. Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to facilitate the transfer of sample to the Gas Chromatograph. The addition of Nitrogen resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2439488-06: The canister vacuum measured on receipt at the laboratory was > 15 in. Hg. Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to facilitate the transfer of sample to the Gas Chromatograph. The addition of Nitrogen resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2439488-11: The canister vacuum measured on receipt at the laboratory was > 15 in. Hg. Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to facilitate the transfer of sample to the Gas Chromatograph. The addition of Nitrogen resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2439488-02D,-06D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2439488-04,-05D,-07,-09,-10D,-11D,-12: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439488
Project Number: 3858.0004Y000 **Report Date:** 07/19/24

Case Narrative (continued)

L2439488-04D,-05D2,-07D,-09D,-10D,-11D,-12D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

WG1948136-3:The quality control sample [LCS], associated with WG1948136-3, did not meet the acceptance criteria for the [full scan] analysis. The associated compound(s) for those samples were reported from the [SIM] analysis.

The WG1948645-3 LCS recovery for acrylonitrile (153%), pentane (135%) and ethyl ether (148%), associated with L2439488-09D, -10D, -11D, and -12D, is above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Jennifer Jerome

Title: Technical Director/Representative Date: 07/19/24

AIR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-01
Client ID: SV-07
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 12:47
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/17/24 20:41
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.538	0.200	--	2.66	0.989	--		1
Chloromethane	0.355	0.200	--	0.733	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	12.5	5.00	--	23.6	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	160	1.00	--	380	2.38	--		1
Trichlorofluoromethane	1.77	0.200	--	9.95	1.12	--		1
Isopropanol	2.78	0.500	--	6.83	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	83.7	0.500	--	254	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	9.67	0.500	--	28.5	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-01
Client ID: SV-07
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 12:47
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.779	0.200	--	2.75	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.272	0.200	--	0.869	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	2.54	0.200	--	8.74	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	4.37	0.200	--	20.4	0.934	--		1
Heptane	1.10	0.200	--	4.51	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.869	0.200	--	3.27	0.754	--		1
2-Hexanone	1.64	0.200	--	6.72	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.559	0.200	--	2.43	0.869	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-01
Client ID: SV-07
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 12:47
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.26	0.400	--	9.82	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	2.60	0.200	--	11.3	0.869	--		1
4-Ethyltoluene	0.326	0.200	--	1.60	0.983	--		1
1,3,5-Trimethylbenzene	2.72	0.200	--	13.4	0.983	--		1
1,2,4-Trimethylbenzene	7.32	0.200	--	36.0	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	0.625	0.200	--	3.28	1.05	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-01
Client ID: SV-07
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 12:47
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/17/24 20:41
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	95		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-02 D
Client ID: SV-01
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:06
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/17/24 21:20
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.497	0.235	--	2.46	1.16	--		1.176
Chloromethane	ND	0.235	--	ND	0.485	--		1.176
Freon-114	ND	0.235	--	ND	1.64	--		1.176
Vinyl chloride	ND	0.235	--	ND	0.601	--		1.176
1,3-Butadiene	ND	0.235	--	ND	0.520	--		1.176
Bromomethane	ND	0.235	--	ND	0.913	--		1.176
Chloroethane	ND	0.235	--	ND	0.620	--		1.176
Ethanol	13.3	5.88	--	25.1	11.1	--		1.176
Vinyl bromide	ND	0.235	--	ND	1.03	--		1.176
Acetone	169	1.18	--	401	2.80	--		1.176
Trichlorofluoromethane	0.246	0.235	--	1.38	1.32	--		1.176
Isopropanol	2.71	0.588	--	6.66	1.45	--		1.176
1,1-Dichloroethene	ND	0.235	--	ND	0.932	--		1.176
Tertiary butyl Alcohol	102	0.588	--	309	1.78	--		1.176
Methylene chloride	ND	0.588	--	ND	2.04	--		1.176
3-Chloropropene	ND	0.235	--	ND	0.736	--		1.176
Carbon disulfide	ND	0.235	--	ND	0.732	--		1.176
Freon-113	ND	0.235	--	ND	1.80	--		1.176
trans-1,2-Dichloroethene	ND	0.235	--	ND	0.932	--		1.176
1,1-Dichloroethane	ND	0.235	--	ND	0.951	--		1.176
Methyl tert butyl ether	ND	0.235	--	ND	0.847	--		1.176
2-Butanone	12.0	0.588	--	35.4	1.73	--		1.176
cis-1,2-Dichloroethene	ND	0.235	--	ND	0.932	--		1.176

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-02 D
Client ID: SV-01
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:06
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.588	--	ND	2.12	--		1.176
Chloroform	ND	0.235	--	ND	1.15	--		1.176
Tetrahydrofuran	0.797	0.588	--	2.35	1.73	--		1.176
1,2-Dichloroethane	ND	0.235	--	ND	0.951	--		1.176
n-Hexane	0.717	0.235	--	2.53	0.828	--		1.176
1,1,1-Trichloroethane	ND	0.235	--	ND	1.28	--		1.176
Benzene	0.248	0.235	--	0.792	0.751	--		1.176
Carbon tetrachloride	ND	0.235	--	ND	1.48	--		1.176
Cyclohexane	1.95	0.235	--	6.71	0.809	--		1.176
1,2-Dichloropropane	ND	0.235	--	ND	1.09	--		1.176
Bromodichloromethane	ND	0.235	--	ND	1.57	--		1.176
1,4-Dioxane	ND	0.235	--	ND	0.847	--		1.176
Trichloroethene	ND	0.235	--	ND	1.26	--		1.176
2,2,4-Trimethylpentane	3.36	0.235	--	15.7	1.10	--		1.176
Heptane	0.992	0.235	--	4.07	0.963	--		1.176
cis-1,3-Dichloropropene	ND	0.235	--	ND	1.07	--		1.176
4-Methyl-2-pentanone	ND	0.588	--	ND	2.41	--		1.176
trans-1,3-Dichloropropene	ND	0.235	--	ND	1.07	--		1.176
1,1,2-Trichloroethane	ND	0.235	--	ND	1.28	--		1.176
Toluene	0.804	0.235	--	3.03	0.886	--		1.176
2-Hexanone	2.32	0.235	--	9.51	0.963	--		1.176
Dibromochloromethane	ND	0.235	--	ND	2.00	--		1.176
1,2-Dibromoethane	ND	0.235	--	ND	1.81	--		1.176
Tetrachloroethene	ND	0.235	--	ND	1.59	--		1.176
Chlorobenzene	ND	0.235	--	ND	1.08	--		1.176
Ethylbenzene	0.618	0.235	--	2.68	1.02	--		1.176

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-02 D
Client ID: SV-01
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:06
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.81	0.470	--	12.2	2.04	--		1.176
Bromoform	ND	0.235	--	ND	2.43	--		1.176
Styrene	ND	0.235	--	ND	1.00	--		1.176
1,1,2,2-Tetrachloroethane	ND	0.235	--	ND	1.61	--		1.176
o-Xylene	2.98	0.235	--	12.9	1.02	--		1.176
4-Ethyltoluene	0.549	0.235	--	2.70	1.16	--		1.176
1,3,5-Trimethylbenzene	3.33	0.235	--	16.4	1.16	--		1.176
1,2,4-Trimethylbenzene	9.30	0.235	--	45.7	1.16	--		1.176
Benzyl chloride	ND	0.235	--	ND	1.22	--		1.176
1,3-Dichlorobenzene	ND	0.235	--	ND	1.41	--		1.176
1,4-Dichlorobenzene	ND	0.235	--	ND	1.41	--		1.176
1,2-Dichlorobenzene	ND	0.235	--	ND	1.41	--		1.176
1,2,4-Trichlorobenzene	ND	0.235	--	ND	1.74	--		1.176
Naphthalene	0.680	0.235	--	3.57	1.23	--		1.176

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	96		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-02 D
Client ID: SV-01
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:06
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/17/24 21:20
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Hexachlorobutadiene	ND	0.059	--	ND	0.627	--		1.176

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	96		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-03
Client ID: SV-04
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:12
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/17/24 21:59
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.512	0.200	--	2.53	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	12.1	5.00	--	22.8	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	114	1.00	--	271	2.38	--		1
Trichlorofluoromethane	0.247	0.200	--	1.39	1.12	--		1
Isopropanol	2.63	0.500	--	6.46	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	83.1	0.500	--	252	1.52	--		1
Methylene chloride	1.23	0.500	--	4.27	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.243	0.200	--	0.757	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	16.4	0.500	--	48.4	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-03
Client ID: SV-04
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:12
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.289	0.200	--	1.41	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.722	0.200	--	2.54	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.227	0.200	--	0.725	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.41	0.200	--	4.85	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	2.49	0.200	--	11.6	0.934	--		1
Heptane	0.901	0.200	--	3.69	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.998	0.200	--	3.76	0.754	--		1
2-Hexanone	3.24	0.200	--	13.3	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.723	0.200	--	3.14	0.869	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-03
Client ID: SV-04
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:12
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	3.17	0.400	--	13.8	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	2.72	0.200	--	11.8	0.869	--		1
4-Ethyltoluene	0.505	0.200	--	2.48	0.983	--		1
1,3,5-Trimethylbenzene	3.02	0.200	--	14.8	0.983	--		1
1,2,4-Trimethylbenzene	8.42	0.200	--	41.4	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	0.674	0.200	--	3.53	1.05	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	94		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-03
Client ID: SV-04
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:12
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/17/24 21:59
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	95		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-04
Client ID: SV-02
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:17
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/17/24 22:38
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.534	0.200	--	2.64	0.989	--		1
Chloromethane	0.227	0.200	--	0.469	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	21.5	5.00	--	40.5	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	219	1.00	--	520	2.38	--		1
Trichlorofluoromethane	0.276	0.200	--	1.55	1.12	--		1
Isopropanol	3.88	0.500	--	9.54	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	127	0.500	--	385	1.52	--	E	1
Methylene chloride	4.26	0.500	--	14.8	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.342	0.200	--	1.07	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	23.4	0.500	--	69.0	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-04
Client ID: SV-02
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:17
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.971	0.500	--	2.86	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.53	0.200	--	5.39	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.343	0.200	--	1.10	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	3.00	0.200	--	10.3	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	4.32	0.200	--	20.2	0.934	--		1
Heptane	1.50	0.200	--	6.15	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.75	0.200	--	6.59	0.754	--		1
2-Hexanone	4.35	0.200	--	17.8	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.850	0.200	--	3.69	0.869	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-04
Client ID: SV-02
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:17
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	3.24	0.400	--	14.1	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	2.96	0.200	--	12.9	0.869	--		1
4-Ethyltoluene	0.340	0.200	--	1.67	0.983	--		1
1,3,5-Trimethylbenzene	2.16	0.200	--	10.6	0.983	--		1
1,2,4-Trimethylbenzene	5.67	0.200	--	27.9	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	0.299	0.200	--	1.57	1.05	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	94		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-04
Client ID: SV-02
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:17
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/17/24 22:38
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	95		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-04 D
Client ID: SV-02
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:17
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/18/24 06:22
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	129	2.50	--	391	7.58	--		5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	87		60-140
Bromochloromethane	85		60-140
chlorobenzene-d5	88		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-05 D
Client ID: SV-03
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:21
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/17/24 23:17
Analyst: BJB

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.558	0.330	--	2.76	1.63	--		1.65
Chloromethane	ND	0.330	--	ND	0.681	--		1.65
Freon-114	ND	0.330	--	ND	2.31	--		1.65
Vinyl chloride	ND	0.330	--	ND	0.844	--		1.65
1,3-Butadiene	ND	0.330	--	ND	0.730	--		1.65
Bromomethane	ND	0.330	--	ND	1.28	--		1.65
Chloroethane	ND	0.330	--	ND	0.871	--		1.65
Ethanol	30.5	8.25	--	57.5	15.5	--		1.65
Vinyl bromide	ND	0.330	--	ND	1.44	--		1.65
Acetone	330	1.65	--	784	3.92	--		1.65
Trichlorofluoromethane	ND	0.330	--	ND	1.85	--		1.65
Isopropanol	7.20	0.825	--	17.7	2.03	--		1.65
1,1-Dichloroethene	ND	0.330	--	ND	1.31	--		1.65
Tertiary butyl Alcohol	194	0.825	--	588	2.50	--	E	1.65
Methylene chloride	ND	0.825	--	ND	2.87	--		1.65
3-Chloropropene	ND	0.330	--	ND	1.03	--		1.65
Carbon disulfide	1.43	0.330	--	4.45	1.03	--		1.65
Freon-113	ND	0.330	--	ND	2.53	--		1.65
trans-1,2-Dichloroethene	ND	0.330	--	ND	1.31	--		1.65
1,1-Dichloroethane	ND	0.330	--	ND	1.34	--		1.65
Methyl tert butyl ether	ND	0.330	--	ND	1.19	--		1.65
2-Butanone	42.1	0.825	--	124	2.43	--		1.65
cis-1,2-Dichloroethene	ND	0.330	--	ND	1.31	--		1.65

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-05 D
Client ID: SV-03
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:21
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.825	--	ND	2.97	--		1.65
Chloroform	ND	0.330	--	ND	1.61	--		1.65
Tetrahydrofuran	0.871	0.825	--	2.57	2.43	--		1.65
1,2-Dichloroethane	ND	0.330	--	ND	1.34	--		1.65
n-Hexane	1.82	0.330	--	6.41	1.16	--		1.65
1,1,1-Trichloroethane	ND	0.330	--	ND	1.80	--		1.65
Benzene	0.995	0.330	--	3.18	1.05	--		1.65
Carbon tetrachloride	ND	0.330	--	ND	2.08	--		1.65
Cyclohexane	5.14	0.330	--	17.7	1.14	--		1.65
1,2-Dichloropropane	ND	0.330	--	ND	1.53	--		1.65
Bromodichloromethane	ND	0.330	--	ND	2.21	--		1.65
1,4-Dioxane	ND	0.330	--	ND	1.19	--		1.65
Trichloroethene	ND	0.330	--	ND	1.77	--		1.65
2,2,4-Trimethylpentane	7.48	0.330	--	34.9	1.54	--		1.65
Heptane	2.28	0.330	--	9.34	1.35	--		1.65
cis-1,3-Dichloropropene	ND	0.330	--	ND	1.50	--		1.65
4-Methyl-2-pentanone	ND	0.825	--	ND	3.38	--		1.65
trans-1,3-Dichloropropene	ND	0.330	--	ND	1.50	--		1.65
1,1,2-Trichloroethane	ND	0.330	--	ND	1.80	--		1.65
Toluene	3.52	0.330	--	13.3	1.24	--		1.65
2-Hexanone	7.10	0.330	--	29.1	1.35	--		1.65
Dibromochloromethane	ND	0.330	--	ND	2.81	--		1.65
1,2-Dibromoethane	ND	0.330	--	ND	2.54	--		1.65
Tetrachloroethene	ND	0.330	--	ND	2.24	--		1.65
Chlorobenzene	ND	0.330	--	ND	1.52	--		1.65
Ethylbenzene	1.46	0.330	--	6.34	1.43	--		1.65

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-05 D
Client ID: SV-03
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:21
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	5.39	0.660	--	23.4	2.87	--		1.65
Bromoform	ND	0.330	--	ND	3.41	--		1.65
Styrene	ND	0.330	--	ND	1.41	--		1.65
1,1,2,2-Tetrachloroethane	ND	0.330	--	ND	2.27	--		1.65
o-Xylene	4.87	0.330	--	21.2	1.43	--		1.65
4-Ethyltoluene	0.465	0.330	--	2.29	1.62	--		1.65
1,3,5-Trimethylbenzene	3.03	0.330	--	14.9	1.62	--		1.65
1,2,4-Trimethylbenzene	7.38	0.330	--	36.3	1.62	--		1.65
Benzyl chloride	ND	0.330	--	ND	1.71	--		1.65
1,3-Dichlorobenzene	ND	0.330	--	ND	1.98	--		1.65
1,4-Dichlorobenzene	ND	0.330	--	ND	1.98	--		1.65
1,2-Dichlorobenzene	ND	0.330	--	ND	1.98	--		1.65
1,2,4-Trichlorobenzene	ND	0.330	--	ND	2.45	--		1.65
Naphthalene	ND	0.330	--	ND	1.73	--		1.65

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	80		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-05 D
Client ID: SV-03
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:21
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/17/24 23:17
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Hexachlorobutadiene	ND	0.083	--	ND	0.880	--		1.65

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	86		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	79		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-05 D2
Client ID: SV-03
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:21
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/18/24 06:58
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	187	4.12	--	567	12.5	--		8.251

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	82		60-140
Bromochloromethane	83		60-140
chlorobenzene-d5	79		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-06 D
Client ID: SV-08
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:26
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/17/24 23:56
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.581	0.319	--	2.87	1.58	--		1.597
Chloromethane	ND	0.319	--	ND	0.659	--		1.597
Freon-114	ND	0.319	--	ND	2.23	--		1.597
Vinyl chloride	ND	0.319	--	ND	0.815	--		1.597
1,3-Butadiene	ND	0.319	--	ND	0.706	--		1.597
Bromomethane	ND	0.319	--	ND	1.24	--		1.597
Chloroethane	ND	0.319	--	ND	0.842	--		1.597
Ethanol	20.4	7.98	--	38.4	15.0	--		1.597
Vinyl bromide	ND	0.319	--	ND	1.39	--		1.597
Acetone	270	1.60	--	641	3.80	--		1.597
Trichlorofluoromethane	ND	0.319	--	ND	1.79	--		1.597
Isopropanol	5.48	0.798	--	13.5	1.96	--		1.597
1,1-Dichloroethene	ND	0.319	--	ND	1.26	--		1.597
Tertiary butyl Alcohol	123	0.798	--	373	2.42	--		1.597
Methylene chloride	ND	0.798	--	ND	2.77	--		1.597
3-Chloropropene	ND	0.319	--	ND	0.998	--		1.597
Carbon disulfide	5.05	0.319	--	15.7	0.993	--		1.597
Freon-113	ND	0.319	--	ND	2.45	--		1.597
trans-1,2-Dichloroethene	ND	0.319	--	ND	1.26	--		1.597
1,1-Dichloroethane	ND	0.319	--	ND	1.29	--		1.597
Methyl tert butyl ether	ND	0.319	--	ND	1.15	--		1.597
2-Butanone	51.0	0.798	--	150	2.35	--		1.597
cis-1,2-Dichloroethene	ND	0.319	--	ND	1.26	--		1.597

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-06 D
Client ID: SV-08
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:26
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.798	--	ND	2.88	--		1.597
Chloroform	0.645	0.319	--	3.15	1.56	--		1.597
Tetrahydrofuran	0.867	0.798	--	2.56	2.35	--		1.597
1,2-Dichloroethane	ND	0.319	--	ND	1.29	--		1.597
n-Hexane	2.88	0.319	--	10.2	1.12	--		1.597
1,1,1-Trichloroethane	ND	0.319	--	ND	1.74	--		1.597
Benzene	1.44	0.319	--	4.60	1.02	--		1.597
Carbon tetrachloride	ND	0.319	--	ND	2.01	--		1.597
Cyclohexane	5.14	0.319	--	17.7	1.10	--		1.597
1,2-Dichloropropane	ND	0.319	--	ND	1.47	--		1.597
Bromodichloromethane	ND	0.319	--	ND	2.14	--		1.597
1,4-Dioxane	ND	0.319	--	ND	1.15	--		1.597
Trichloroethene	ND	0.319	--	ND	1.71	--		1.597
2,2,4-Trimethylpentane	7.32	0.319	--	34.2	1.49	--		1.597
Heptane	4.30	0.319	--	17.6	1.31	--		1.597
cis-1,3-Dichloropropene	ND	0.319	--	ND	1.45	--		1.597
4-Methyl-2-pentanone	ND	0.798	--	ND	3.27	--		1.597
trans-1,3-Dichloropropene	ND	0.319	--	ND	1.45	--		1.597
1,1,2-Trichloroethane	ND	0.319	--	ND	1.74	--		1.597
Toluene	14.6	0.319	--	55.0	1.20	--		1.597
2-Hexanone	5.84	0.319	--	23.9	1.31	--		1.597
Dibromochloromethane	ND	0.319	--	ND	2.72	--		1.597
1,2-Dibromoethane	ND	0.319	--	ND	2.45	--		1.597
Tetrachloroethene	ND	0.319	--	ND	2.16	--		1.597
Chlorobenzene	ND	0.319	--	ND	1.47	--		1.597
Ethylbenzene	4.41	0.319	--	19.2	1.39	--		1.597

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-06 D
Client ID: SV-08
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:26
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	13.4	0.639	--	58.2	2.78	--		1.597
Bromoform	ND	0.319	--	ND	3.30	--		1.597
Styrene	ND	0.319	--	ND	1.36	--		1.597
1,1,2,2-Tetrachloroethane	ND	0.319	--	ND	2.19	--		1.597
o-Xylene	7.78	0.319	--	33.8	1.39	--		1.597
4-Ethyltoluene	1.22	0.319	--	6.00	1.57	--		1.597
1,3,5-Trimethylbenzene	6.03	0.319	--	29.6	1.57	--		1.597
1,2,4-Trimethylbenzene	19.1	0.319	--	93.9	1.57	--		1.597
Benzyl chloride	ND	0.319	--	ND	1.65	--		1.597
1,3-Dichlorobenzene	ND	0.319	--	ND	1.92	--		1.597
1,4-Dichlorobenzene	ND	0.319	--	ND	1.92	--		1.597
1,2-Dichlorobenzene	ND	0.319	--	ND	1.92	--		1.597
1,2,4-Trichlorobenzene	ND	0.319	--	ND	2.37	--		1.597
Naphthalene	2.46	0.319	--	12.9	1.67	--		1.597

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	84		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	80		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-06 D
Client ID: SV-08
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:26
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/17/24 23:56
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Hexachlorobutadiene	ND	0.080	--	ND	0.851	--		1.597

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	85		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	81		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-07
Client ID: SV-06
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:31
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/18/24 00:35
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.552	0.200	--	2.73	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	17.4	5.00	--	32.8	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	207	1.00	--	492	2.38	--		1
Trichlorofluoromethane	0.265	0.200	--	1.49	1.12	--		1
Isopropanol	3.49	0.500	--	8.58	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	119	0.500	--	361	1.52	--	E	1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.836	0.200	--	2.60	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	22.4	0.500	--	66.1	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-07
Client ID: SV-06
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:31
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.08	0.200	--	3.81	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.354	0.200	--	1.13	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	2.32	0.200	--	7.99	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	3.76	0.200	--	17.6	0.934	--		1
Heptane	1.39	0.200	--	5.70	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.76	0.200	--	10.4	0.754	--		1
2-Hexanone	4.50	0.200	--	18.4	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.58	0.200	--	6.86	0.869	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-07
Client ID: SV-06
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:31
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	6.00	0.400	--	26.1	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	4.08	0.200	--	17.7	0.869	--		1
4-Ethyltoluene	0.582	0.200	--	2.86	0.983	--		1
1,3,5-Trimethylbenzene	2.77	0.200	--	13.6	0.983	--		1
1,2,4-Trimethylbenzene	7.02	0.200	--	34.5	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	84		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	78		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-07
Client ID: SV-06
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:31
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/18/24 00:35
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	85		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	78		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-07 D
Client ID: SV-06
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:31
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/18/24 07:34
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	115	2.50	--	349	7.58	--		5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	85		60-140
Bromochloromethane	84		60-140
chlorobenzene-d5	86		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-08
Client ID: SV-05
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:35
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/18/24 01:14
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.562	0.200	--	2.78	0.989	--		1
Chloromethane	0.356	0.200	--	0.735	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	9.64	5.00	--	18.2	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	103	1.00	--	245	2.38	--		1
Trichlorofluoromethane	0.278	0.200	--	1.56	1.12	--		1
Isopropanol	1.27	0.500	--	3.12	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	84.2	0.500	--	255	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	10.5	0.500	--	31.0	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-08
Client ID: SV-05
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:35
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.22	0.200	--	4.30	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.492	0.200	--	1.57	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	3.23	0.200	--	11.1	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	4.72	0.200	--	22.0	0.934	--		1
Heptane	1.75	0.200	--	7.17	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.19	0.200	--	8.25	0.754	--		1
2-Hexanone	2.08	0.200	--	8.52	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.12	0.200	--	4.86	0.869	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-08
Client ID: SV-05
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:35
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	4.39	0.400	--	19.1	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	3.98	0.200	--	17.3	0.869	--		1
4-Ethyltoluene	0.508	0.200	--	2.50	0.983	--		1
1,3,5-Trimethylbenzene	3.13	0.200	--	15.4	0.983	--		1
1,2,4-Trimethylbenzene	8.58	0.200	--	42.2	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	0.584	0.200	--	3.06	1.05	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	86		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-08
Client ID: SV-05
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:35
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/18/24 01:14
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	88		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	86		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-09
Client ID: SV-09
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:46
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/18/24 01:52
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.509	0.200	--	2.52	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	17.2	5.00	--	32.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	103	1.00	--	245	2.38	--		1
Trichlorofluoromethane	0.425	0.200	--	2.39	1.12	--		1
Isopropanol	0.689	0.500	--	1.69	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.24	0.500	--	3.76	1.52	--		1
Methylene chloride	0.741	0.500	--	2.57	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.33	0.200	--	4.14	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	166	0.500	--	490	1.47	--	E	1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-09
Client ID: SV-09
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:46
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.650	0.200	--	3.17	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	4.16	0.200	--	14.7	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.578	0.200	--	1.85	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	4.77	0.200	--	16.4	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	5.64	0.200	--	26.3	0.934	--		1
Heptane	4.22	0.200	--	17.3	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	9.68	0.200	--	36.5	0.754	--		1
2-Hexanone	20.1	0.200	--	82.4	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	4.92	0.200	--	21.4	0.869	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-09
Client ID: SV-09
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:46
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	19.7	0.400	--	85.6	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	11.4	0.200	--	49.5	0.869	--		1
4-Ethyltoluene	2.38	0.200	--	11.7	0.983	--		1
1,3,5-Trimethylbenzene	6.70	0.200	--	32.9	0.983	--		1
1,2,4-Trimethylbenzene	19.4	0.200	--	95.4	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	0.667	0.200	--	3.50	1.05	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	90		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-09
Client ID: SV-09
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:46
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/18/24 01:52
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	90		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-09 D
Client ID: SV-09
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 13:46
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/18/24 15:41
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
2-Butanone	161	2.50	--	475	7.37	--		5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	91		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	97		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-10 D
Client ID: SV-10
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 14:27
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/18/24 02:31
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.523	0.213	--	2.59	1.05	--		1.065
Chloromethane	ND	0.213	--	ND	0.440	--		1.065
Freon-114	ND	0.213	--	ND	1.49	--		1.065
Vinyl chloride	ND	0.213	--	ND	0.544	--		1.065
1,3-Butadiene	0.301	0.213	--	0.666	0.471	--		1.065
Bromomethane	ND	0.213	--	ND	0.827	--		1.065
Chloroethane	ND	0.213	--	ND	0.562	--		1.065
Ethanol	64.5	5.32	--	122	10.0	--		1.065
Vinyl bromide	ND	0.213	--	ND	0.931	--		1.065
Acetone	405	1.06	--	962	2.52	--		1.065
Trichlorofluoromethane	0.238	0.213	--	1.34	1.20	--		1.065
Isopropanol	3.61	0.532	--	8.87	1.31	--		1.065
1,1-Dichloroethene	ND	0.213	--	ND	0.845	--		1.065
Tertiary butyl Alcohol	1.25	0.532	--	3.79	1.61	--		1.065
Methylene chloride	0.784	0.532	--	2.72	1.85	--		1.065
3-Chloropropene	ND	0.213	--	ND	0.667	--		1.065
Carbon disulfide	0.555	0.213	--	1.73	0.663	--		1.065
Freon-113	ND	0.213	--	ND	1.63	--		1.065
trans-1,2-Dichloroethene	ND	0.213	--	ND	0.845	--		1.065
1,1-Dichloroethane	ND	0.213	--	ND	0.862	--		1.065
Methyl tert butyl ether	ND	0.213	--	ND	0.768	--		1.065
2-Butanone	225	0.532	--	664	1.57	--	E	1.065
cis-1,2-Dichloroethene	ND	0.213	--	ND	0.845	--		1.065

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-10 D
Client ID: SV-10
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 14:27
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.532	--	ND	1.92	--		1.065
Chloroform	1.28	0.213	--	6.25	1.04	--		1.065
Tetrahydrofuran	ND	0.532	--	ND	1.57	--		1.065
1,2-Dichloroethane	ND	0.213	--	ND	0.862	--		1.065
n-Hexane	1.15	0.213	--	4.05	0.751	--		1.065
1,1,1-Trichloroethane	ND	0.213	--	ND	1.16	--		1.065
Benzene	ND	0.213	--	ND	0.680	--		1.065
Carbon tetrachloride	ND	0.213	--	ND	1.34	--		1.065
Cyclohexane	0.443	0.213	--	1.52	0.733	--		1.065
1,2-Dichloropropane	ND	0.213	--	ND	0.984	--		1.065
Bromodichloromethane	ND	0.213	--	ND	1.43	--		1.065
1,4-Dioxane	ND	0.213	--	ND	0.768	--		1.065
Trichloroethene	ND	0.213	--	ND	1.14	--		1.065
2,2,4-Trimethylpentane	0.497	0.213	--	2.32	0.995	--		1.065
Heptane	1.35	0.213	--	5.53	0.873	--		1.065
cis-1,3-Dichloropropene	ND	0.213	--	ND	0.967	--		1.065
4-Methyl-2-pentanone	ND	0.532	--	ND	2.18	--		1.065
trans-1,3-Dichloropropene	ND	0.213	--	ND	0.967	--		1.065
1,1,2-Trichloroethane	ND	0.213	--	ND	1.16	--		1.065
Toluene	0.990	0.213	--	3.73	0.803	--		1.065
2-Hexanone	30.2	0.213	--	124	0.873	--		1.065
Dibromochloromethane	ND	0.213	--	ND	1.81	--		1.065
1,2-Dibromoethane	ND	0.213	--	ND	1.64	--		1.065
Tetrachloroethene	ND	0.213	--	ND	1.44	--		1.065
Chlorobenzene	ND	0.213	--	ND	0.981	--		1.065
Ethylbenzene	0.363	0.213	--	1.58	0.925	--		1.065

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-10 D
Client ID: SV-10
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 14:27
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.64	0.426	--	7.12	1.85	--		1.065
Bromoform	ND	0.213	--	ND	2.20	--		1.065
Styrene	0.299	0.213	--	1.27	0.907	--		1.065
1,1,2,2-Tetrachloroethane	ND	0.213	--	ND	1.46	--		1.065
o-Xylene	1.05	0.213	--	4.56	0.925	--		1.065
4-Ethyltoluene	0.379	0.213	--	1.86	1.05	--		1.065
1,3,5-Trimethylbenzene	1.12	0.213	--	5.51	1.05	--		1.065
1,2,4-Trimethylbenzene	3.44	0.213	--	16.9	1.05	--		1.065
Benzyl chloride	ND	0.213	--	ND	1.10	--		1.065
1,3-Dichlorobenzene	ND	0.213	--	ND	1.28	--		1.065
1,4-Dichlorobenzene	ND	0.213	--	ND	1.28	--		1.065
1,2-Dichlorobenzene	ND	0.213	--	ND	1.28	--		1.065
1,2,4-Trichlorobenzene	ND	0.213	--	ND	1.58	--		1.065
Naphthalene	ND	0.213	--	ND	1.12	--		1.065

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	84		60-140
chlorobenzene-d5	85		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-10 D
Client ID: SV-10
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 14:27
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/18/24 16:15
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
2-Butanone	226	2.66	--	667	7.85	--		5.323

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	88		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	93		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-10 D
Client ID: SV-10
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 14:27
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/18/24 02:31
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Hexachlorobutadiene	ND	0.053	--	ND	0.567	--		1.065

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	86		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	85		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-11 D
Client ID: SV-11
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 14:12
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/18/24 03:10
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.598	0.421	--	2.96	2.08	--		2.106
Chloromethane	ND	0.421	--	ND	0.869	--		2.106
Freon-114	ND	0.421	--	ND	2.94	--		2.106
Vinyl chloride	ND	0.421	--	ND	1.08	--		2.106
1,3-Butadiene	ND	0.421	--	ND	0.931	--		2.106
Bromomethane	ND	0.421	--	ND	1.63	--		2.106
Chloroethane	ND	0.421	--	ND	1.11	--		2.106
Ethanol	49.8	10.5	--	93.8	19.8	--		2.106
Vinyl bromide	ND	0.421	--	ND	1.84	--		2.106
Acetone	575	2.11	--	1370	5.01	--		2.106
Trichlorofluoromethane	ND	0.421	--	ND	2.37	--		2.106
Isopropanol	14.2	1.05	--	34.9	2.58	--		2.106
1,1-Dichloroethene	ND	0.421	--	ND	1.67	--		2.106
Tertiary butyl Alcohol	461	1.05	--	1400	3.18	--	E	2.106
Methylene chloride	ND	1.05	--	ND	3.65	--		2.106
3-Chloropropene	ND	0.421	--	ND	1.32	--		2.106
Carbon disulfide	3.10	0.421	--	9.65	1.31	--		2.106
Freon-113	ND	0.421	--	ND	3.23	--		2.106
trans-1,2-Dichloroethene	ND	0.421	--	ND	1.67	--		2.106
1,1-Dichloroethane	ND	0.421	--	ND	1.70	--		2.106
Methyl tert butyl ether	ND	0.421	--	ND	1.52	--		2.106
2-Butanone	38.2	1.05	--	113	3.10	--		2.106
cis-1,2-Dichloroethene	ND	0.421	--	ND	1.67	--		2.106

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-11 D
Client ID: SV-11
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 14:12
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.05	--	ND	3.78	--		2.106
Chloroform	0.501	0.421	--	2.45	2.06	--		2.106
Tetrahydrofuran	1.39	1.05	--	4.10	3.10	--		2.106
1,2-Dichloroethane	ND	0.421	--	ND	1.70	--		2.106
n-Hexane	6.08	0.421	--	21.4	1.48	--		2.106
1,1,1-Trichloroethane	ND	0.421	--	ND	2.30	--		2.106
Benzene	1.30	0.421	--	4.15	1.34	--		2.106
Carbon tetrachloride	ND	0.421	--	ND	2.65	--		2.106
Cyclohexane	9.07	0.421	--	31.2	1.45	--		2.106
1,2-Dichloropropane	ND	0.421	--	ND	1.95	--		2.106
Bromodichloromethane	ND	0.421	--	ND	2.82	--		2.106
1,4-Dioxane	ND	0.421	--	ND	1.52	--		2.106
Trichloroethene	ND	0.421	--	ND	2.26	--		2.106
2,2,4-Trimethylpentane	11.7	0.421	--	54.6	1.97	--		2.106
Heptane	8.18	0.421	--	33.5	1.73	--		2.106
cis-1,3-Dichloropropene	ND	0.421	--	ND	1.91	--		2.106
4-Methyl-2-pentanone	ND	1.05	--	ND	4.30	--		2.106
trans-1,3-Dichloropropene	ND	0.421	--	ND	1.91	--		2.106
1,1,2-Trichloroethane	ND	0.421	--	ND	2.30	--		2.106
Toluene	17.0	0.421	--	64.1	1.59	--		2.106
2-Hexanone	8.17	0.421	--	33.5	1.73	--		2.106
Dibromochloromethane	ND	0.421	--	ND	3.59	--		2.106
1,2-Dibromoethane	ND	0.421	--	ND	3.24	--		2.106
Tetrachloroethene	ND	0.421	--	ND	2.85	--		2.106
Chlorobenzene	ND	0.421	--	ND	1.94	--		2.106
Ethylbenzene	5.32	0.421	--	23.1	1.83	--		2.106

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-11 D
Client ID: SV-11
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 14:12
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	16.5	0.842	--	71.7	3.66	--		2.106
Bromoform	ND	0.421	--	ND	4.35	--		2.106
Styrene	ND	0.421	--	ND	1.79	--		2.106
1,1,2,2-Tetrachloroethane	ND	0.421	--	ND	2.89	--		2.106
o-Xylene	10.1	0.421	--	43.9	1.83	--		2.106
4-Ethyltoluene	1.31	0.421	--	6.44	2.07	--		2.106
1,3,5-Trimethylbenzene	5.33	0.421	--	26.2	2.07	--		2.106
1,2,4-Trimethylbenzene	13.1	0.421	--	64.4	2.07	--		2.106
Benzyl chloride	ND	0.421	--	ND	2.18	--		2.106
1,3-Dichlorobenzene	ND	0.421	--	ND	2.53	--		2.106
1,4-Dichlorobenzene	ND	0.421	--	ND	2.53	--		2.106
1,2-Dichlorobenzene	ND	0.421	--	ND	2.53	--		2.106
1,2,4-Trichlorobenzene	ND	0.421	--	ND	3.13	--		2.106
Naphthalene	ND	0.421	--	ND	2.21	--		2.106

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	84		60-140
Bromochloromethane	83		60-140
chlorobenzene-d5	82		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-11 D
Client ID: SV-11
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 14:12
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/18/24 16:49
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	410	5.26	--	1240	15.9	--		10.53

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	88		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	90		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-11 D
Client ID: SV-11
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 14:12
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/18/24 03:10
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Hexachlorobutadiene	ND	0.105	--	ND	1.12	--		2.106

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	85		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	83		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-12
Client ID: DUP_07122024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 14:20
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/18/24 03:49
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.514	0.200	--	2.54	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.426	0.200	--	0.942	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	83.6	5.00	--	158	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	543	1.00	--	1290	2.38	--	E	1
Trichlorofluoromethane	0.239	0.200	--	1.34	1.12	--		1
Isopropanol	5.34	0.500	--	13.1	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.52	0.500	--	4.61	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.663	0.200	--	2.06	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	261	0.500	--	770	1.47	--	E	1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-12
Client ID: DUP_07122024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 14:20
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	1.28	0.200	--	6.25	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.30	0.200	--	4.58	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.477	0.200	--	1.64	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.511	0.200	--	2.39	0.934	--		1
Heptane	1.48	0.200	--	6.07	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.13	0.200	--	4.26	0.754	--		1
2-Hexanone	27.7	0.200	--	114	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.368	0.200	--	1.60	0.869	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-12
Client ID: DUP_07122024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 14:20
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.68	0.400	--	7.30	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.259	0.200	--	1.10	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.980	0.200	--	4.26	0.869	--		1
4-Ethyltoluene	0.327	0.200	--	1.61	0.983	--		1
1,3,5-Trimethylbenzene	0.940	0.200	--	4.62	0.983	--		1
1,2,4-Trimethylbenzene	2.75	0.200	--	13.5	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	90		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-12
Client ID: DUP_07122024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 14:20
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/18/24 03:49
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	90		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	89		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

SAMPLE RESULTS

Lab ID: L2439488-12 D
Client ID: DUP_07122024
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/12/24 14:20
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/18/24 17:23
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Acetone	495	10.0	--	1180	23.8	--		10
2-Butanone	242	5.00	--	714	14.7	--		10

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	88		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	91		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/17/24 14:48

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-12 Batch: WG1948136-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/17/24 14:48

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-12 Batch: WG1948136-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/17/24 14:48

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-12 Batch: WG1948136-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/17/24 15:27

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-12 Batch: WG1948137-4								
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/18/24 13:55

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 09-12 Batch: WG1948645-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/18/24 13:55

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 09-12 Batch: WG1948645-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439488
Report Date: 07/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/18/24 13:55

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 09-12 Batch: WG1948645-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439488

Report Date: 07/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-12 Batch: WG1948136-3								
Dichlorodifluoromethane	104		-		70-130	-		
Chloromethane	89		-		70-130	-		
Freon-114	103		-		70-130	-		
Vinyl chloride	98		-		70-130	-		
1,3-Butadiene	102		-		70-130	-		
Bromomethane	101		-		70-130	-		
Chloroethane	98		-		70-130	-		
Ethanol	86		-		40-160	-		
Vinyl bromide	95		-		70-130	-		
Acetone	96		-		40-160	-		
Trichlorofluoromethane	108		-		70-130	-		
Isopropanol	94		-		40-160	-		
1,1-Dichloroethene	111		-		70-130	-		
Tertiary butyl Alcohol	94		-		70-130	-		
Methylene chloride	102		-		70-130	-		
3-Chloropropene	116		-		70-130	-		
Carbon disulfide	106		-		70-130	-		
Freon-113	106		-		70-130	-		
trans-1,2-Dichloroethene	107		-		70-130	-		
1,1-Dichloroethane	109		-		70-130	-		
Methyl tert butyl ether	106		-		70-130	-		
2-Butanone	104		-		70-130	-		
cis-1,2-Dichloroethene	110		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439488

Report Date: 07/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-12 Batch: WG1948136-3								
Ethyl Acetate	117		-		70-130	-		
Chloroform	112		-		70-130	-		
Tetrahydrofuran	104		-		70-130	-		
1,2-Dichloroethane	107		-		70-130	-		
n-Hexane	109		-		70-130	-		
1,1,1-Trichloroethane	108		-		70-130	-		
Benzene	103		-		70-130	-		
Carbon tetrachloride	114		-		70-130	-		
Cyclohexane	110		-		70-130	-		
1,2-Dichloropropane	108		-		70-130	-		
Bromodichloromethane	119		-		70-130	-		
1,4-Dioxane	114		-		70-130	-		
Trichloroethene	107		-		70-130	-		
2,2,4-Trimethylpentane	110		-		70-130	-		
Heptane	110		-		70-130	-		
cis-1,3-Dichloropropene	113		-		70-130	-		
4-Methyl-2-pentanone	111		-		70-130	-		
trans-1,3-Dichloropropene	116		-		70-130	-		
1,1,2-Trichloroethane	108		-		70-130	-		
Toluene	96		-		70-130	-		
2-Hexanone	121		-		70-130	-		
Dibromochloromethane	121		-		70-130	-		
1,2-Dibromoethane	110		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439488
Report Date: 07/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-12 Batch: WG1948136-3								
Tetrachloroethene	104		-		70-130	-		
Chlorobenzene	109		-		70-130	-		
Ethylbenzene	106		-		70-130	-		
p/m-Xylene	108		-		70-130	-		
Bromoform	123		-		70-130	-		
Styrene	114		-		70-130	-		
1,1,2,2-Tetrachloroethane	117		-		70-130	-		
o-Xylene	110		-		70-130	-		
4-Ethyltoluene	114		-		70-130	-		
1,3,5-Trimethylbenzene	114		-		70-130	-		
1,2,4-Trimethylbenzene	115		-		70-130	-		
Benzyl chloride	121		-		70-130	-		
1,3-Dichlorobenzene	118		-		70-130	-		
1,4-Dichlorobenzene	118		-		70-130	-		
1,2-Dichlorobenzene	116		-		70-130	-		
1,2,4-Trichlorobenzene	97		-		70-130	-		
Naphthalene	89		-		70-130	-		
Hexachlorobutadiene	**69**	Q	-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439488

Report Date: 07/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG1948137-3								
Hexachlorobutadiene	118		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439488

Report Date: 07/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 09-12 Batch: WG1948645-3								
Dichlorodifluoromethane	100		-		70-130	-		
Chloromethane	106		-		70-130	-		
Freon-114	120		-		70-130	-		
Vinyl chloride	98		-		70-130	-		
1,3-Butadiene	111		-		70-130	-		
Bromomethane	100		-		70-130	-		
Chloroethane	98		-		70-130	-		
Ethanol	94		-		40-160	-		
Vinyl bromide	95		-		70-130	-		
Acetone	116		-		40-160	-		
Trichlorofluoromethane	104		-		70-130	-		
Isopropanol	102		-		40-160	-		
1,1-Dichloroethene	102		-		70-130	-		
Tertiary butyl Alcohol	91		-		70-130	-		
Methylene chloride	103		-		70-130	-		
3-Chloropropene	116		-		70-130	-		
Carbon disulfide	95		-		70-130	-		
Freon-113	96		-		70-130	-		
trans-1,2-Dichloroethene	99		-		70-130	-		
1,1-Dichloroethane	98		-		70-130	-		
Methyl tert butyl ether	102		-		70-130	-		
2-Butanone	108		-		70-130	-		
cis-1,2-Dichloroethene	98		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439488
Report Date: 07/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 09-12 Batch: WG1948645-3								
Ethyl Acetate	101		-		70-130	-		
Chloroform	96		-		70-130	-		
Tetrahydrofuran	106		-		70-130	-		
1,2-Dichloroethane	101		-		70-130	-		
n-Hexane	103		-		70-130	-		
1,1,1-Trichloroethane	107		-		70-130	-		
Benzene	102		-		70-130	-		
Carbon tetrachloride	111		-		70-130	-		
Cyclohexane	101		-		70-130	-		
1,2-Dichloropropane	104		-		70-130	-		
Bromodichloromethane	108		-		70-130	-		
1,4-Dioxane	108		-		70-130	-		
Trichloroethene	95		-		70-130	-		
2,2,4-Trimethylpentane	104		-		70-130	-		
Heptane	122		-		70-130	-		
cis-1,3-Dichloropropene	111		-		70-130	-		
4-Methyl-2-pentanone	120		-		70-130	-		
trans-1,3-Dichloropropene	113		-		70-130	-		
1,1,2-Trichloroethane	99		-		70-130	-		
Toluene	96		-		70-130	-		
2-Hexanone	126		-		70-130	-		
Dibromochloromethane	105		-		70-130	-		
1,2-Dibromoethane	99		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439488

Report Date: 07/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 09-12 Batch: WG1948645-3								
Tetrachloroethene	87		-		70-130	-		
Chlorobenzene	99		-		70-130	-		
Ethylbenzene	98		-		70-130	-		
p/m-Xylene	100		-		70-130	-		
Bromoform	100		-		70-130	-		
Styrene	99		-		70-130	-		
1,1,2,2-Tetrachloroethane	98		-		70-130	-		
o-Xylene	102		-		70-130	-		
4-Ethyltoluene	98		-		70-130	-		
1,3,5-Trimethylbenzene	99		-		70-130	-		
1,2,4-Trimethylbenzene	101		-		70-130	-		
Benzyl chloride	100		-		70-130	-		
1,3-Dichlorobenzene	92		-		70-130	-		
1,4-Dichlorobenzene	90		-		70-130	-		
1,2-Dichlorobenzene	81		-		70-130	-		
1,2,4-Trichlorobenzene	79		-		70-130	-		
Naphthalene	83		-		70-130	-		
Hexachlorobutadiene	76		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439488
Report Date: 07/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1948136-5 QC Sample: L2439488-12 Client ID: DUP_07122024						
Dichlorodifluoromethane	0.514	0.517	ppbV	1		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	0.426	0.379	ppbV	12		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	83.6	91.6	ppbV	9		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	543E	548E	ppbV	1		25
Trichlorofluoromethane	0.239	0.229	ppbV	4		25
Isopropanol	5.34	5.23	ppbV	2		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	1.52	1.43	ppbV	6		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	0.663	0.664	ppbV	0		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439488
Report Date: 07/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1948136-5 QC Sample: L2439488-12 Client ID: DUP_07122024						
2-Butanone	261E	257E	ppbV	2		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	1.28	1.28	ppbV	0		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	1.30	1.27	ppbV	2		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	0.477	0.462	ppbV	3		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	0.511	0.519	ppbV	2		25
Heptane	1.48	1.40	ppbV	6		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439488
Report Date: 07/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1948136-5 QC Sample: L2439488-12 Client ID: DUP_07122024						
Toluene	1.13	1.10	ppbV	3		25
2-Hexanone	27.7	26.0	ppbV	6		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	0.368	0.360	ppbV	2		25
p/m-Xylene	1.68	1.64	ppbV	2		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	0.259	0.258	ppbV	0		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	0.980	0.963	ppbV	2		25
4-Ethyltoluene	0.327	0.275	ppbV	17		25
1,3,5-Trimethylbenzene	0.940	0.916	ppbV	3		25
1,2,4-Trimethylbenzene	2.75	2.65	ppbV	4		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Naphthalene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439488
Report Date: 07/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1948137-5 QC Sample: L2439488-12 Client ID: DUP_07122024						
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: ELMWOOD PRESERVE

Lab Number: L2439488

Project Number: 3858.0004Y000

Report Date: 07/19/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2439488-01	SV-07	0464	Flow 2	07/10/24	476024		-	-	-	Pass	40.2	38.0	6
L2439488-01	SV-07	2326	6.0L Can	07/10/24	476024	L2438110-04	Pass	-29.5	0.0	-	-	-	-
L2439488-02	SV-01	01832	Flow 1	07/10/24	476024		-	-	-	Pass	40.5	32.0	23
L2439488-02	SV-01	1570	6.0L Can	07/10/24	476024	L2438110-04	Pass	-29.5	-11.4	-	-	-	-
L2439488-03	SV-04	01011	Flow 1	07/10/24	476024		-	-	-	Pass	40.5	36.3	11
L2439488-03	SV-04	975	6.0L Can	07/10/24	476024	L2438110-04	Pass	-29.5	-8.4	-	-	-	-
L2439488-04	SV-02	01765	Flow 3	07/10/24	476024		-	-	-	Pass	40.3	34.4	16
L2439488-04	SV-02	1942	6.0L Can	07/10/24	476024	L2438110-04	Pass	-29.4	-7.5	-	-	-	-
L2439488-05	SV-03	02372	Flow 1	07/10/24	476024		-	-	-	Pass	39.7	24.6	47
L2439488-05	SV-03	1989	6.0L Can	07/10/24	476024	L2438110-05	Pass	-29.5	-16.6	-	-	-	-
L2439488-06	SV-08	02317	Flow 1	07/10/24	476024		-	-	-	Pass	40.1	21.6	60
L2439488-06	SV-08	2586	6.0L Can	07/10/24	476024	L2438110-04	Pass	-29.5	-16.3	-	-	-	-
L2439488-07	SV-06	0264	Flow 1	07/10/24	476024		-	-	-	Pass	40.5	33.7	18
L2439488-07	SV-06	2970	6.0L Can	07/10/24	476024	L2438110-04	Pass	-29.5	-7.9	-	-	-	-
L2439488-08	SV-05	01700	Flow 1	07/10/24	476024		-	-	-	Pass	40.4	37.8	7

Project Name: ELMWOOD PRESERVE

Lab Number: L2439488

Project Number: 3858.0004Y000

Report Date: 07/19/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2439488-08	SV-05	1976	6.0L Can	07/10/24	476024	L2438110-05	Pass	-29.5	-6.0	-	-	-	-
L2439488-09	SV-09	02169	Flow 2	07/10/24	476024		-	-	-	Pass	40.0	39.0	3
L2439488-09	SV-09	3486	6.0L Can	07/10/24	476024	L2438110-04	Pass	-29.4	-4.0	-	-	-	-
L2439488-10	SV-10	0880	Flow 1	07/10/24	476024		-	-	-	Pass	39.9	35.7	11
L2439488-10	SV-10	3594	6.0L Can	07/10/24	476024	L2438110-04	Pass	-29.5	-10.0	-	-	-	-
L2439488-11	SV-11	02350	Flow 1	07/10/24	476024		-	-	-	Pass	40.3	21.9	59
L2439488-11	SV-11	3569	6.0L Can	07/10/24	476024	L2438110-05	Pass	-29.5	-19.4	-	-	-	-
L2439488-12	DUP_07122024	01616	Flow 2	07/10/24	476024		-	-	-	Pass	40.1	38.6	4
L2439488-12	DUP_07122024	1614	6.0L Can	07/10/24	476024	L2438110-04	Pass	-29.4	-5.2	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2438110
Report Date: 07/19/24

Air Canister Certification Results

Lab ID: L2438110-04
Client ID: CAN 2117 SHELF 52
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/08/24 18:58
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2438110
Report Date: 07/19/24

Air Canister Certification Results

Lab ID: L2438110-04
Client ID: CAN 2117 SHELF 52
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2438110
Report Date: 07/19/24

Air Canister Certification Results

Lab ID: L2438110-04
Client ID: CAN 2117 SHELF 52
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2438110
Report Date: 07/19/24

Air Canister Certification Results

Lab ID: L2438110-04
Client ID: CAN 2117 SHELF 52
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2438110
Report Date: 07/19/24

Air Canister Certification Results

Lab ID: L2438110-04
Client ID: CAN 2117 SHELF 52
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
Unknown	1.4	J	ppbV		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	89		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2438110
Report Date: 07/19/24

Air Canister Certification Results

Lab ID: L2438110-04
Client ID: CAN 2117 SHELF 52
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/08/24 18:58
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2438110
Report Date: 07/19/24

Air Canister Certification Results

Lab ID: L2438110-04
Client ID: CAN 2117 SHELF 52
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2438110

Project Number: CANISTER QC BAT **Report Date:** 07/19/24

Air Canister Certification Results

Lab ID: L2438110-04
Client ID: CAN 2117 SHELF 52
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	86		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2438110
Report Date: 07/19/24

Air Canister Certification Results

Lab ID: L2438110-05
Client ID: CAN 3958 SHELF 53
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/08/24 19:36
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2438110
Report Date: 07/19/24

Air Canister Certification Results

Lab ID: L2438110-05
Client ID: CAN 3958 SHELF 53
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2438110
Report Date: 07/19/24

Air Canister Certification Results

Lab ID: L2438110-05
Client ID: CAN 3958 SHELF 53
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2438110
Report Date: 07/19/24

Air Canister Certification Results

Lab ID: L2438110-05
Client ID: CAN 3958 SHELF 53
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2438110
Report Date: 07/19/24

Air Canister Certification Results

Lab ID: L2438110-05
Client ID: CAN 3958 SHELF 53
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
Unknown	1.4	J	ppbV		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2438110
Report Date: 07/19/24

Air Canister Certification Results

Lab ID: L2438110-05
Client ID: CAN 3958 SHELF 53
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/08/24 19:36
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2438110
Report Date: 07/19/24

Air Canister Certification Results

Lab ID: L2438110-05
Client ID: CAN 3958 SHELF 53
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2438110

Project Number: CANISTER QC BAT **Report Date:** 07/19/24

Air Canister Certification Results

Lab ID: L2438110-05
Client ID: CAN 3958 SHELF 53
Sample Location:

Date Collected: 07/06/24 16:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	91		60-140

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439488
Report Date: 07/19/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2439488-01A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2439488-02A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2439488-03A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2439488-04A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2439488-05A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2439488-06A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2439488-07A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2439488-08A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2439488-09A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2439488-10A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2439488-11A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2439488-12A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439488
Project Number:	3858.0004Y000	**Report Date:**	07/19/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439488
Project Number:	3858.0004Y000	**Report Date:**	07/19/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439488
Project Number:	3858.0004Y000	**Report Date:**	07/19/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

PAGE 1 OF 2

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7-13-24

ALPHA Job #: L2439488

Client Information

Client: ROUX
Address: 209 SHAFTER ST
ISLANDIA, NY 11749
Phone: 631-232-7600
Fax: 631-232-9898
Email: RLOMBINO@ROUXINC.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 850 DOG'S FERRY ROAD
Project #: 3858.0004Y000
Project Manager: RON LOMBINO
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: STANDARD Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
39488 -01	SV-07	7/12/24	1056	1247	-30.49	-1.00	SV	EL	6L	2326	0464	X					
-02	SV-01		1106	1306	-30.10	-11.71		EL		1570	01032	X					
-03	SV-04		1112	1312	-29.99	-8.30		EL		475	01011	X					
-04	SV-02		1117	1317	-30.04	-7.69		EL		1442	01765	X					
-05	SV-03		1121	1321	-29.98	-17.16		EL		489	02372	X					
-06	SV-08		1126	1326	-30.03	-16.92		EL		2586	02317	X					
-07	SV-06		1131	1331	-30.00	-8.04		EL		2470	0264	X					
-08	SV-05		1135	1335	-30.23	-6.53		EL		1446	01700	X					
-09	SV-09		1146	1346	-24.86	-4.54		EL		3486	02169	X					
-10	SV-10		1207	1407	-29.90	-10.36		EL		1544	0880	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: SUMMA

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
EL	7/12/24 1440	Pace	7/12 14:50
Paul Marcella	7/12 16:45	Paul Marcella	7/12/24 2040
Pace	7/12/24		7/13/24 0140
	7/13/24 0605	Hannah Hill	7-13-24 0605

AIR ANALYSIS

PAGE 2 OF 2

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7-13-24

ALPHA Job #: L2439488

Client Information

Client: Roux
Address: 204 SHAFTER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax: 631-232-4848
Email: PLOMBINO@ROUXINC.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 850 DOBBS FERRY ROAD
Project #: 3858.ELMWOOD
Project Manager: RON LOMBINO
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: STANDARD Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
-11	SV-11	7/12/24	1212	1412	-30.19	-19.96	SV	EL	6L	3569	02350	X					
-12	DUP_07122024	"	1200	1400	-30.08	-5.14	SV	EL	6L	1614	0616	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
EL	7/12/24 1440	Pace	7/12 14:50
Pace	7/12 16:45	Paul Maggella	7/12/24 2040
Paul Maggella 7/13/24 0620	7/12/24	Hannah Zale 7-13-24 0605	

Form No: 101-02 Rev: (25-Sep-15)

ANALYTICAL REPORT

Lab Number:	L2439714
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/22/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2439714-01	RMW-10	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	07/15/24 13:00	07/15/24
L2439714-02	DUP_07152024_3	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	07/15/24 12:10	07/15/24
L2439714-03	EB_07152024	EQUIPMENT BLANK	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	07/15/24 13:20	07/15/24
L2439714-04	FB_07152024	FIELD BLANK	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	07/15/24 13:25	07/15/24
L2439714-05	WC-1	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	07/15/24 15:30	07/15/24
L2439714-06	TB_07152024	TRIP BLANK (AQUEOUS)	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	07/15/24 00:00	07/15/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439714
Project Number:	3858.0004Y000	**Report Date:**	07/22/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439714
Project Number:	3858.0004Y000	**Report Date:**	07/22/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG1948680-4/-5 MS/MSD recoveries, performed on L2439714-01, are below the acceptance criteria for 2,4-dinitrophenol (0%/0%), 4,6-dinitro-o-cresol (0%/0%), and benzoic acid (0%/0%); however, they have been identified as "difficult" analytes. The results of the associated sample are reported.

Semivolatile Organics by SIM

The WG1948681-4/-5 MS/MSD recoveries, performed on L2439714-01, are below the acceptance criteria for pentachlorophenol (3%/3%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

1,4-Dioxane by 8270-SIM

L2439714-05: The sample has an elevated detection limit due to limited sample volume available for analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 07/22/24

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-01 Date Collected: 07/15/24 13:00
Client ID: RMW-10 Date Received: 07/15/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/17/24 21:45
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-01 Date Collected: 07/15/24 13:00

Client ID: RMW-10 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-01 Date Collected: 07/15/24 13:00

Client ID: RMW-10 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	109		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-02 Date Collected: 07/15/24 12:10
Client ID: DUP_07152024_3 Date Received: 07/15/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/17/24 21:20
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-02 Date Collected: 07/15/24 12:10

Client ID: DUP_07152024_3 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-02 Date Collected: 07/15/24 12:10

Client ID: DUP_07152024_3 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	111		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-04 Date Collected: 07/15/24 13:25
Client ID: FB_07152024 Date Received: 07/15/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8260D
Analytical Date: 07/17/24 22:11
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-04 Date Collected: 07/15/24 13:25

Client ID: FB_07152024 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-04 Date Collected: 07/15/24 13:25

Client ID: FB_07152024 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	108		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-05 Date Collected: 07/15/24 15:30
Client ID: WC-1 Date Received: 07/15/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/17/24 20:55
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-05 Date Collected: 07/15/24 15:30

Client ID: WC-1 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-05 Date Collected: 07/15/24 15:30

Client ID: WC-1 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	109		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-06 Date Collected: 07/15/24 00:00
Client ID: TB_07152024 Date Received: 07/15/24
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 07/17/24 22:36
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-06 Date Collected: 07/15/24 00:00

Client ID: TB_07152024 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-06 Date Collected: 07/15/24 00:00

Client ID: TB_07152024 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	110		70-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/17/24 20:29
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-06 Batch: WG1948674-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/17/24 20:29
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-06 Batch: WG1948674-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/17/24 20:29
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-06 Batch: WG1948674-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/17/24 20:29
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-06 Batch: WG1948674-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-06 Batch: WG1948674-3 WG1948674-4								
Methylene chloride	89		90		70-130	1		20
1,1-Dichloroethane	92		94		70-130	2		20
Chloroform	91		93		70-130	2		20
Carbon tetrachloride	88		91		63-132	3		20
1,2-Dichloropropane	90		91		70-130	1		20
Dibromochloromethane	81		83		63-130	2		20
1,1,2-Trichloroethane	85		85		70-130	0		20
Tetrachloroethene	86		86		70-130	0		20
Chlorobenzene	94		95		75-130	1		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	90		92		70-130	2		20
1,1,1-Trichloroethane	90		94		67-130	4		20
Bromodichloromethane	88		89		67-130	1		20
trans-1,3-Dichloropropene	80		79		70-130	1		20
cis-1,3-Dichloropropene	81		82		70-130	1		20
1,1-Dichloropropene	86		89		70-130	3		20
Bromoform	67		71		54-136	6		20
1,1,2,2-Tetrachloroethane	79		82		67-130	4		20
Benzene	90		91		70-130	1		20
Toluene	87		87		70-130	0		20
Ethylbenzene	89		91		70-130	2		20
Chloromethane	80		82		64-130	2		20
Bromomethane	60		64		39-139	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-06 Batch: WG1948674-3 WG1948674-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	**140**	Q	**140**	Q	55-138	0		20
1,1-Dichloroethene	120		130		61-145	8		20
trans-1,2-Dichloroethene	91		94		70-130	3		20
Trichloroethene	90		90		70-130	0		20
1,2-Dichlorobenzene	92		96		70-130	4		20
1,3-Dichlorobenzene	94		98		70-130	4		20
1,4-Dichlorobenzene	94		96		70-130	2		20
Methyl tert butyl ether	83		86		63-130	4		20
p/m-Xylene	90		95		70-130	5		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	90		94		70-130	4		20
Dibromomethane	88		89		70-130	1		20
1,2,3-Trichloropropane	76		78		64-130	3		20
Acrylonitrile	93		92		70-130	1		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	86		86		36-147	0		20
Acetone	92		97		58-148	5		20
Carbon disulfide	92		120		51-130	**26**	Q	20
2-Butanone	81		81		63-138	0		20
Vinyl acetate	90		97		70-130	7		20
4-Methyl-2-pentanone	76		80		59-130	5		20
2-Hexanone	81		85		57-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-06 Batch: WG1948674-3 WG1948674-4								
Bromochloromethane	93		95		70-130	2		20
2,2-Dichloropropane	86		85		63-133	1		20
1,2-Dibromoethane	79		88		70-130	11		20
1,3-Dichloropropane	84		84		70-130	0		20
1,1,1,2-Tetrachloroethane	87		86		64-130	1		20
Bromobenzene	86		92		70-130	7		20
n-Butylbenzene	93		96		53-136	3		20
sec-Butylbenzene	96		98		70-130	2		20
tert-Butylbenzene	94		97		70-130	3		20
o-Chlorotoluene	91		96		70-130	5		20
p-Chlorotoluene	90		92		70-130	2		20
1,2-Dibromo-3-chloropropane	72		76		41-144	5		20
Hexachlorobutadiene	83		85		63-130	2		20
Isopropylbenzene	90		94		70-130	4		20
p-Isopropyltoluene	93		97		70-130	4		20
Naphthalene	80		82		70-130	2		20
n-Propylbenzene	93		97		69-130	4		20
1,2,3-Trichlorobenzene	79		84		70-130	6		20
1,2,4-Trichlorobenzene	82		85		70-130	4		20
1,3,5-Trimethylbenzene	86		90		64-130	5		20
1,2,4-Trimethylbenzene	85		89		70-130	5		20
1,4-Dioxane	72		74		56-162	3		20
p-Diethylbenzene	89		93		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-06 Batch: WG1948674-3 WG1948674-4								
p-Ethyltoluene	92		96		70-130	4		20
1,2,4,5-Tetramethylbenzene	86		88		70-130	2		20
Ethyl ether	120		120		59-134	0		20
trans-1,4-Dichloro-2-butene	76		**68**	Q	70-130	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		101		70-130
Toluene-d8	102		100		70-130
4-Bromofluorobenzene	96		99		70-130
Dibromofluoromethane	101		103		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-06 QC Batch ID: WG1948674-8 WG1948674-9 QC Sample: L2439714-01 Client ID: RMW-10												
Methylene chloride	ND	10	9.2	92		9.6	96		70-130	4		20
1,1-Dichloroethane	ND	10	10	100		11	110		70-130	10		20
Chloroform	ND	10	10	100		10	100		70-130	0		20
Carbon tetrachloride	ND	10	9.4	94		9.7	97		63-132	3		20
1,2-Dichloropropane	ND	10	9.6	96		10	100		70-130	4		20
Dibromochloromethane	ND	10	8.5	85		9.0	90		63-130	6		20
1,1,2-Trichloroethane	ND	10	9.2	92		9.5	95		70-130	3		20
Tetrachloroethene	ND	10	8.2	82		7.7	77		70-130	6		20
Chlorobenzene	ND	10	9.6	96		10	100		75-130	4		20
Trichlorofluoromethane	ND	10	12	120		11	110		62-150	9		20
1,2-Dichloroethane	ND	10	9.6	96		9.9	99		70-130	3		20
1,1,1-Trichloroethane	ND	10	10	100		10	100		67-130	0		20
Bromodichloromethane	ND	10	9.2	92		9.5	95		67-130	3		20
trans-1,3-Dichloropropene	ND	10	8.3	83		8.6	86		70-130	4		20
cis-1,3-Dichloropropene	ND	10	8.2	82		8.5	85		70-130	4		20
1,1-Dichloropropene	ND	10	9.0	90		9.1	91		70-130	1		20
Bromoform	ND	10	7.1	71		7.4	74		54-136	4		20
1,1,2,2-Tetrachloroethane	ND	10	8.4	84		8.8	88		67-130	5		20
Benzene	ND	10	9.9	99		10	100		70-130	1		20
Toluene	ND	10	9.2	92		9.6	96		70-130	4		20
Ethylbenzene	ND	10	9.0	90		9.3	93		70-130	3		20
Chloromethane	ND	10	9.4	94		9.6	96		64-130	2		20
Bromomethane	ND	10	8.1	81		9.0	90		39-139	11		20

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-06 QC Batch ID: WG1948674-8 WG1948674-9 QC Sample: L2439714-01 Client ID: RMW-10												
Vinyl chloride	ND	10	12	120		12	120		55-140	0		20
Chloroethane	ND	10	16	**160**	Q	16	**160**	Q	55-138	0		20
1,1-Dichloroethene	ND	10	13	130		13	130		61-145	0		20
trans-1,2-Dichloroethene	ND	10	9.9	99		9.9	99		70-130	0		20
Trichloroethene	ND	10	9.5	95		9.7	97		70-130	2		20
1,2-Dichlorobenzene	ND	10	9.2	92		9.3	93		70-130	1		20
1,3-Dichlorobenzene	ND	10	9.2	92		8.9	89		70-130	3		20
1,4-Dichlorobenzene	ND	10	9.1	91		8.8	88		70-130	3		20
Methyl tert butyl ether	ND	10	8.8	88		9.2	92		63-130	4		20
p/m-Xylene	ND	20	18	90		19	95		70-130	5		20
o-Xylene	ND	20	18	90		19	95		70-130	5		20
cis-1,2-Dichloroethene	ND	10	9.9	99		10	100		70-130	1		20
Dibromomethane	ND	10	9.3	93		9.4	94		70-130	1		20
1,2,3-Trichloropropane	ND	10	8.2	82		8.4	84		64-130	2		20
Acrylonitrile	ND	10	9.6	96		10	100		70-130	4		20
Styrene	ND	20	18	90		19	95		70-130	5		20
Dichlorodifluoromethane	ND	10	7.4	74		6.6	66		36-147	11		20
Acetone	ND	10	9.1	91		9.6	96		58-148	5		20
Carbon disulfide	ND	10	12	120		12	120		51-130	0		20
2-Butanone	ND	10	8.6	86		8.8	88		63-138	2		20
Vinyl acetate	ND	10	12	120		12	120		70-130	0		20
4-Methyl-2-pentanone	ND	10	7.9	79		7.8	78		59-130	1		20
2-Hexanone	ND	10	7.9	79		8.3	83		57-130	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-06 QC Batch ID: WG1948674-8 WG1948674-9 QC Sample: L2439714-01 Client ID: RMW-10												
Bromochloromethane	ND	10	10	100		10	100		70-130	0		20
2,2-Dichloropropane	ND	10	9.0	90		9.3	93		63-133	3		20
1,2-Dibromoethane	ND	10	8.3	83		9.4	94		70-130	12		20
1,3-Dichloropropane	ND	10	9.0	90		9.2	92		70-130	2		20
1,1,1,2-Tetrachloroethane	ND	10	9.1	91		9.8	98		64-130	7		20
Bromobenzene	ND	10	8.8	88		9.4	94		70-130	7		20
n-Butylbenzene	ND	10	7.6	76		7.0	70		53-136	8		20
sec-Butylbenzene	ND	10	8.5	85		9.0	90		70-130	6		20
tert-Butylbenzene	ND	10	8.9	89		9.9	99		70-130	11		20
o-Chlorotoluene	ND	10	9.1	91		9.3	93		70-130	2		20
p-Chlorotoluene	ND	10	8.6	86		8.6	86		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	10	7.5	75		7.5	75		41-144	0		20
Hexachlorobutadiene	ND	10	6.7	67		6.2	**62**	Q	63-130	8		20
Isopropylbenzene	ND	10	8.8	88		9.4	94		70-130	7		20
p-Isopropyltoluene	ND	10	8.4	84		8.3	83		70-130	1		20
Naphthalene	ND	10	8.3	83		8.1	81		70-130	2		20
n-Propylbenzene	ND	10	8.8	88		8.8	88		69-130	0		20
1,2,3-Trichlorobenzene	ND	10	8.2	82		7.6	76		70-130	8		20
1,2,4-Trichlorobenzene	ND	10	7.7	77		6.9	**69**	Q	70-130	11		20
1,3,5-Trimethylbenzene	ND	10	8.4	84		8.6	86		64-130	2		20
1,2,4-Trimethylbenzene	ND	10	8.4	84		8.4	84		70-130	0		20
1,4-Dioxane	ND	500	380	76		390	78		56-162	3		20
p-Diethylbenzene	ND	10	7.8	78		7.5	75		70-130	4		20

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-06 QC Batch ID: WG1948674-8 WG1948674-9 QC Sample: L2439714-01 Client ID: RMW-10												
p-Ethyltoluene	ND	10	8.7	87		8.6	86		70-130	1		20
1,2,4,5-Tetramethylbenzene	ND	10	8.2	82		7.7	77		70-130	6		20
Ethyl ether	ND	10	12	120		12	120		59-134	0		20
trans-1,4-Dichloro-2-butene	ND	10	6.6	**66**	Q	6.4	**64**	Q	70-130	3		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
4-Bromofluorobenzene	98		96		70-130
Dibromofluoromethane	103		103		70-130
Toluene-d8	103		103		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-01
Client ID: RMW-10
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 13:00
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/19/24 07:08
Analyst: HNY

Extraction Method: EPA 3510C
Extraction Date: 07/18/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-01 Date Collected: 07/15/24 13:00

Client ID: RMW-10 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	44		10-120
4-Terphenyl-d14	76		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2439714
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-01
Client ID: RMW-10
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 07/15/24 13:00
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/19/24 00:19
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	31		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-01
Client ID: RMW-10
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 13:00
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/22/24 15:11
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/18/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-01 Date Collected: 07/15/24 13:00

Client ID: RMW-10 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	**123**	Q	23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	97		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-02
Client ID: DUP_07152024_3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 12:10
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/19/24 07:31
Analyst: HNY

Extraction Method: EPA 3510C
Extraction Date: 07/18/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-02 Date Collected: 07/15/24 12:10

Client ID: DUP_07152024_3 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	72		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2439714
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-02
Client ID: DUP_07152024_3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 12:10
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/19/24 01:20
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-02
Client ID: DUP_07152024_3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 12:10
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/22/24 15:59
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/18/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.03	J	ug/l	0.10	0.03	1
Phenanthrene	0.05	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.12		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-02 Date Collected: 07/15/24 12:10

Client ID: DUP_07152024_3 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	84		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2439714
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-03
Client ID: EB_07152024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 13:20
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Equipment Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 07/19/24 01:41
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	43		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-04
Client ID: FB_07152024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 07/15/24 13:25
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E
Analytical Date: 07/19/24 07:53
Analyst: HNY

Extraction Method: EPA 3510C
Extraction Date: 07/18/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-04 Date Collected: 07/15/24 13:25

Client ID: FB_07152024 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	2.1	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	7.50	J	ug/l			1
Unknown Organic Acid	7.50	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	94		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2439714
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-04
Client ID: FB_07152024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 13:25
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 07/19/24 02:01
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	40		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-04
Client ID: FB_07152024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 07/15/24 13:25
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 07/22/24 16:15
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/18/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	0.01	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-04 Date Collected: 07/15/24 13:25

Client ID: FB_07152024 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	**132**	Q	23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	104		10-120
4-Terphenyl-d14	104		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2439714
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-05
Client ID: WC-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 15:30
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/19/24 02:22
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	268	60.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	50		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/18/24 20:10
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 16:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-05 Batch: WG1948127-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	35		15-110

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/19/24 03:22
Analyst: HNY

Extraction Method: EPA 3510C
Extraction Date: 07/18/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04 Batch: WG1948680-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/19/24 03:22
Analyst: HNY

Extraction Method: EPA 3510C
Extraction Date: 07/18/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04 Batch: WG1948680-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/19/24 03:22
Analyst: HNY

Extraction Method: EPA 3510C
Extraction Date: 07/18/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04 Batch: WG1948680-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	90		41-149

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/22/24 14:40
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/18/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02,04 Batch: WG1948681-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/22/24 14:40
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/18/24 16:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02,04 Batch: WG1948681-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	120		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	96		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01-05		Batch: WG1948127-2		WG1948127-3			
1,4-Dioxane	105		106		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	30		39		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1948680-2 WG1948680-3								
Acenaphthene	69		84		37-111	20		30
1,2,4-Trichlorobenzene	55		74		39-98	29		30
Hexachlorobenzene	61		76		40-140	22		30
Bis(2-chloroethyl)ether	66		88		40-140	29		30
2-Chloronaphthalene	62		80		40-140	25		30
1,2-Dichlorobenzene	58		80		40-140	**32**	Q	30
1,3-Dichlorobenzene	59		78		40-140	28		30
1,4-Dichlorobenzene	57		75		36-97	27		30
3,3'-Dichlorobenzidine	73		93		40-140	24		30
2,4-Dinitrotoluene	68		81		48-143	17		30
2,6-Dinitrotoluene	61		82		40-140	29		30
Fluoranthene	69		88		40-140	24		30
4-Chlorophenyl phenyl ether	64		78		40-140	20		30
4-Bromophenyl phenyl ether	64		74		40-140	14		30
Bis(2-chloroisopropyl)ether	64		83		40-140	26		30
Bis(2-chloroethoxy)methane	63		81		40-140	25		30
Hexachlorobutadiene	58		74		40-140	24		30
Hexachlorocyclopentadiene	53		68		40-140	25		30
Hexachloroethane	55		75		40-140	**31**	Q	30
Isophorone	62		79		40-140	24		30
Naphthalene	64		84		40-140	27		30
Nitrobenzene	64		85		40-140	28		30
NDPA/DPA	66		81		40-140	20		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1948680-2 WG1948680-3								
n-Nitrosodi-n-propylamine	63		83		29-132	27		30
Bis(2-ethylhexyl)phthalate	68		83		40-140	20		30
Butyl benzyl phthalate	64		79		40-140	21		30
Di-n-butylphthalate	69		85		40-140	21		30
Di-n-octylphthalate	70		88		40-140	23		30
Diethyl phthalate	62		77		40-140	22		30
Dimethyl phthalate	62		77		40-140	22		30
Benzo(a)anthracene	73		89		40-140	20		30
Benzo(a)pyrene	81		102		40-140	23		30
Benzo(b)fluoranthene	77		94		40-140	20		30
Benzo(k)fluoranthene	80		101		40-140	23		30
Chrysene	76		96		40-140	23		30
Acenaphthylene	64		82		45-123	25		30
Anthracene	72		89		40-140	21		30
Benzo(ghi)perylene	76		98		40-140	25		30
Fluorene	67		84		40-140	23		30
Phenanthrene	71		90		40-140	24		30
Dibenzo(a,h)anthracene	78		100		40-140	25		30
Indeno(1,2,3-cd)pyrene	71		96		40-140	30		30
Pyrene	69		86		26-127	22		30
Biphenyl	58		71		40-140	20		30
4-Chloroaniline	59		68		40-140	14		30
2-Nitroaniline	67		84		52-143	23		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1948680-2 WG1948680-3								
3-Nitroaniline	67		82		25-145	20		30
4-Nitroaniline	60		76		51-143	24		30
Dibenzofuran	70		85		40-140	19		30
2-Methylnaphthalene	62		80		40-140	25		30
1,2,4,5-Tetrachlorobenzene	54		71		2-134	27		30
Acetophenone	63		82		39-129	26		30
2,4,6-Trichlorophenol	66		84		30-130	24		30
p-Chloro-m-cresol	67		85		23-97	24		30
2-Chlorophenol	66		84		27-123	24		30
2,4-Dichlorophenol	65		84		30-130	26		30
2,4-Dimethylphenol	63		83		30-130	27		30
2-Nitrophenol	73		92		30-130	23		30
4-Nitrophenol	68		**84**	Q	10-80	21		30
2,4-Dinitrophenol	55		64		20-130	15		30
4,6-Dinitro-o-cresol	66		79		20-164	18		30
Pentachlorophenol	59		74		9-103	23		30
Phenol	29		40		12-110	**32**	Q	30
2-Methylphenol	61		78		30-130	24		30
3-Methylphenol/4-Methylphenol	59		74		30-130	23		30
2,4,5-Trichlorophenol	70		89		30-130	24		30
Benzoic Acid	78		80		10-164	3		30
Benzyl Alcohol	61		72		26-116	17		30
Carbazole	70		86		55-144	21		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1948680-2 WG1948680-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		67		21-120
Phenol-d6	35		43		10-120
Nitrobenzene-d5	70		86		23-120
2-Fluorobiphenyl	67		85		15-120
2,4,6-Tribromophenol	73		86		10-120
4-Terphenyl-d14	66		82		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1948681-2 WG1948681-3								
Acenaphthene	84		90		40-140	7		40
2-Chloronaphthalene	70		76		40-140	8		40
Fluoranthene	93		92		40-140	1		40
Hexachlorobutadiene	58		66		40-140	13		40
Naphthalene	71		78		40-140	9		40
Benzo(a)anthracene	89		91		40-140	2		40
Benzo(a)pyrene	103		106		40-140	3		40
Benzo(b)fluoranthene	97		99		40-140	2		40
Benzo(k)fluoranthene	98		101		40-140	3		40
Chrysene	93		96		40-140	3		40
Acenaphthylene	81		87		40-140	7		40
Anthracene	89		92		40-140	3		40
Benzo(ghi)perylene	95		97		40-140	2		40
Fluorene	84		88		40-140	5		40
Phenanthrene	84		88		40-140	5		40
Dibenzo(a,h)anthracene	100		103		40-140	3		40
Indeno(1,2,3-cd)pyrene	104		108		40-140	4		40
Pyrene	92		91		40-140	1		40
2-Methylnaphthalene	72		79		40-140	9		40
Pentachlorophenol	93		99		40-140	6		40
Hexachlorobenzene	72		76		40-140	5		40
Hexachloroethane	72		81		40-140	12		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1948681-2 WG1948681-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		72		21-120
Phenol-d6	52		55		10-120
Nitrobenzene-d5	**136**	Q	**144**	Q	23-120
2-Fluorobiphenyl	78		82		15-120
2,4,6-Tribromophenol	102		104		10-120
4-Terphenyl-d14	98		95		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01-05		QC Batch ID: WG1948127-6			WG1948127-7			QC Sample: L2439714-01			Client ID: RMW-10
1,4-Dioxane	ND	4810	5150	107		5120	106		40-140	1		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,4-Dioxane-d8	24		41		15-110

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1948680-4 WG1948680-5 QC Sample: L2439714-01 Client ID: RMW-10												
1,2,4-Trichlorobenzene	ND	20	13	65		15	75		39-98	14		30
Bis(2-chloroethyl)ether	ND	20	16	80		19	95		40-140	17		30
1,2-Dichlorobenzene	ND	20	15	75		17	85		40-140	13		30
1,3-Dichlorobenzene	ND	20	14	70		17	85		40-140	19		30
1,4-Dichlorobenzene	ND	20	14	70		17	85		36-97	19		30
3,3'-Dichlorobenzidine	ND	20	19	95		22	110		40-140	15		30
2,4-Dinitrotoluene	ND	20	16	80		18	90		48-143	12		30
2,6-Dinitrotoluene	ND	20	16	80		18	90		40-140	12		30
4-Chlorophenyl phenyl ether	ND	20	16	80		17	85		40-140	6		30
4-Bromophenyl phenyl ether	ND	20	15	75		16	80		40-140	6		30
Bis(2-chloroisopropyl)ether	ND	20	16	80		19	95		40-140	17		30
Bis(2-chloroethoxy)methane	ND	20	15	75		18	90		40-140	18		30
Hexachlorocyclopentadiene	ND	20	13.J	65		15.J	75		40-140	14		30
Isophorone	ND	20	15	75		17	85		40-140	13		30
Nitrobenzene	ND	20	16	80		18	90		40-140	12		30
NDPA/DPA	ND	20	16	80		18	90		40-140	12		30
n-Nitrosodi-n-propylamine	ND	20	16	80		19	95		29-132	17		30
Bis(2-ethylhexyl)phthalate	ND	20	18	90		20	100		40-140	11		30
Butyl benzyl phthalate	ND	20	18	90		19	95		40-140	5		30
Di-n-butylphthalate	ND	20	17	85		19	95		40-140	11		30
Di-n-octylphthalate	ND	20	20	100		22	110		40-140	10		30
Diethyl phthalate	ND	20	15	75		18	90		40-140	18		30
Dimethyl phthalate	ND	20	14	70		17	85		40-140	19		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1948680-4 WG1948680-5 QC Sample: L2439714-01 Client ID: RMW-10												
Biphenyl	ND	20	13	65		15	75		40-140	14		30
4-Chloroaniline	ND	20	15	75		17	85		40-140	13		30
2-Nitroaniline	ND	20	16	80		19	95		52-143	17		30
3-Nitroaniline	ND	20	17	85		19	95		25-145	11		30
4-Nitroaniline	ND	20	16	80		18	90		51-143	12		30
Dibenzofuran	ND	20	16	80		18	90		40-140	12		30
1,2,4,5-Tetrachlorobenzene	ND	20	13	65		15	75		2-134	14		30
Acetophenone	ND	20	15	75		17	85		39-129	13		30
2,4,6-Trichlorophenol	ND	20	2.2J	**11**	Q	3.7J	**19**	Q	30-130	**51**	Q	30
p-Chloro-m-cresol	ND	20	13	65		17	85		23-97	27		30
2-Chlorophenol	ND	20	4.9	**25**	Q	9.3	47		27-123	**62**	Q	30
2,4-Dichlorophenol	ND	20	4.9J	**25**	Q	8.9	45		30-130	**58**	Q	30
2,4-Dimethylphenol	ND	20	14	70		16	80		30-130	13		30
2-Nitrophenol	ND	20	4.7J	**24**	Q	8.5J	43		30-130	**58**	Q	30
4-Nitrophenol	ND	20	17	**85**	Q	19	**95**	Q	10-80	11		30
2,4-Dinitrophenol	ND	20	ND	**0**	Q	ND	**0**	Q	20-130	NC		30
4,6-Dinitro-o-cresol	ND	20	ND	**0**	Q	ND	**0**	Q	20-164	NC		30
Phenol	ND	20	4.0J	20		5.7	29		12-110	**35**	Q	30
2-Methylphenol	ND	20	12	60		16	80		30-130	29		30
3-Methylphenol/4-Methylphenol	ND	20	11	55		14	70		30-130	24		30
2,4,5-Trichlorophenol	ND	20	3.5J	**18**	Q	6.4	32		30-130	**59**	Q	30
Benzoic Acid	ND	20	ND	**0**	Q	ND	**0**	Q	10-164	NC		30
Benzyl Alcohol	ND	20	13	65		16	80		26-116	21		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1948680-4 WG1948680-5 QC Sample: L2439714-01 Client ID: RMW-10												
Carbazole	ND	20	17	85		20	100		55-144	16		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	19		30		10-120
2-Fluorobiphenyl	79		91		15-120
2-Fluorophenol	**11**	Q	21		21-120
4-Terphenyl-d14	85		94		41-149
Nitrobenzene-d5	87		92		23-120
Phenol-d6	19		29		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1948681-4 WG1948681-5 QC Sample: L2439714-01 Client ID: RMW-10												
Acenaphthene	ND	20	17	85		19	95		40-140	11		40
2-Chloronaphthalene	ND	20	14	70		16	80		40-140	13		40
Fluoranthene	ND	20	17	85		20	100		40-140	16		40
Hexachlorobutadiene	ND	20	12	60		14	70		40-140	15		40
Naphthalene	ND	20	15	75		17	85		40-140	13		40
Benzo(a)anthracene	ND	20	17	85		20	100		40-140	16		40
Benzo(a)pyrene	ND	20	20	100		23	120		40-140	14		40
Benzo(b)fluoranthene	ND	20	19	95		21	110		40-140	10		40
Benzo(k)fluoranthene	ND	20	20	100		22	110		40-140	10		40
Chrysene	ND	20	18	90		21	110		40-140	15		40
Acenaphthylene	ND	20	16	80		19	95		40-140	17		40
Anthracene	ND	20	18	90		20	100		40-140	11		40
Benzo(ghi)perylene	ND	20	19	95		22	110		40-140	15		40
Fluorene	ND	20	16	80		19	95		40-140	17		40
Phenanthrene	ND	20	17	85		19	95		40-140	11		40
Dibenzo(a,h)anthracene	ND	20	20	100		23	120		40-140	14		40
Indeno(1,2,3-cd)pyrene	ND	20	21	110		24	120		40-140	13		40
Pyrene	ND	20	17	85		20	100		40-140	16		40
2-Methylnaphthalene	ND	20	15	75		17	85		40-140	13		40
Pentachlorophenol	ND	20	0.62J	**3**	Q	0.62J	**3**	Q	40-140	0		40
Hexachlorobenzene	ND	20	15	75		17	85		40-140	13		40
Hexachloroethane	ND	20	15	75		18	90		40-140	18		40

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1948681-4 WG1948681-5 QC Sample: L2439714-01 Client ID: RMW-10												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	20		35		10-120
2-Fluorobiphenyl	79		89		15-120
2-Fluorophenol	**12**	Q	25		21-120
4-Terphenyl-d14	92		102		41-149
Nitrobenzene-d5	**121**	Q	**140**	Q	23-120
Phenol-d6	24		39		10-120

PCBS

Project Name: ELMWOOD PRESERVE
Lab Number: L2439714
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-01
Client ID: RMW-10
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 13:00
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/18/24 00:38
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 12:02
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	1.14		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	1.14		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2439714
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-02
Client ID: DUP_07152024_3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 12:10
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/18/24 01:06
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 12:02
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	B
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2439714
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-04
Client ID: FB_07152024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 13:25
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8082A
Analytical Date: 07/18/24 01:16
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 12:02
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	B
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2439714
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-05
Client ID: WC-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 15:30
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/18/24 01:25
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 12:02
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/17/24 22:17
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 04:43
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02,04-05 Batch: WG1947844-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	77		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1947844-2 WG1947844-3									
Aroclor 1016	65		66		40-140	1		50	A
Aroclor 1260	65		67		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		67		30-150	A
Decachlorobiphenyl	72		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		71		30-150	B
Decachlorobiphenyl	82		84		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1947844-4 WG1947844-5 QC Sample: L2439714-01 Client ID: RMW-10													
Aroclor 1016	ND	1.78	1.24	69		1.36	76		40-140	9		50	A
Aroclor 1260	ND	1.78	1.30	73		1.37	77		40-140	5		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		63		30-150	A
Decachlorobiphenyl	80		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		64		30-150	B
Decachlorobiphenyl	75		76		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Lab Number: L2439714
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-01
Client ID: RMW-10
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 07/15/24 13:00
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/19/24 10:55
Analyst: EJL
Extraction Method: EPA 3510C
Extraction Date: 07/17/24 22:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	B
4,4'-DDT	0.005	JIP	ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-01 Date Collected: 07/15/24 13:00

Client ID: RMW-10 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2439714
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-01
Client ID: RMW-10
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 13:00
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/20/24 10:32
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 07/18/24 11:30

Methylation Date: 07/19/24 23:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	113		30-150	A
DCAA	97		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2439714
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-02
Client ID: DUP_07152024_3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 12:10
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/19/24 11:30
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 22:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-02 Date Collected: 07/15/24 12:10

Client ID: DUP_07152024_3 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2439714
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-02
Client ID: DUP_07152024_3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 12:10
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/20/24 11:27
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 07/18/24 11:30

Methylation Date: 07/19/24 23:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	117		30-150	A
DCAA	104		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-04
Client ID: FB_07152024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 07/15/24 13:25
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 07/19/24 11:42
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 22:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.004	JIP	ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-04 Date Collected: 07/15/24 13:25

Client ID: FB_07152024 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	**17**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	32		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2439714
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-04
Client ID: FB_07152024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 13:25
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 07/20/24 11:46
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 07/18/24 11:30

Methylation Date: 07/19/24 23:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	130		30-150	A
DCAA	111		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/19/24 10:20
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 22:11

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,04 Batch: WG1948100-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND	IP	ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/19/24 10:20
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 22:11

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,04 Batch: WG1948100-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/20/24 09:37
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 07/18/24 11:30

Methylation Date: 07/19/24 23:34

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,04 Batch: WG1948515-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	111		30-150	A
DCAA	96		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1948100-2 WG1948100-3									
Delta-BHC	62		59		30-150	6		20	A
Lindane	67		62		30-150	7		20	A
Alpha-BHC	67		62		30-150	7		20	A
Beta-BHC	66		62		30-150	6		20	A
Heptachlor	61		57		30-150	7		20	A
Aldrin	59		55		30-150	7		20	A
Heptachlor epoxide	58		55		30-150	5		20	A
Endrin	63		59		30-150	6		20	A
Endrin aldehyde	57		51		30-150	11		20	A
Endrin ketone	71		66		30-150	8		20	A
Dieldrin	63		59		30-150	6		20	A
4,4'-DDE	58		54		30-150	7		20	A
4,4'-DDD	64		60		30-150	7		20	A
4,4'-DDT	63		57		30-150	11		20	A
Endosulfan I	58		54		30-150	6		20	A
Endosulfan II	62		58		30-150	7		20	A
Endosulfan sulfate	61		57		30-150	7		20	A
Methoxychlor	75		68		30-150	9		20	A
cis-Chlordane	53		50		30-150	5		20	A
trans-Chlordane	62		58		30-150	6		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1948100-2 WG1948100-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		53		30-150	A
Decachlorobiphenyl	51		47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		61		30-150	B
Decachlorobiphenyl	72		63		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1948515-2 WG1948515-3									
2,4-D	146		127		30-150	14		25	A
2,4,5-T	**156**	Q	138		30-150	12		25	A
2,4,5-TP (Silvex)	149		131		30-150	13		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	135		121		30-150	A
DCAA	141		125		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1948100-4 WG1948100-5 QC Sample: L2439714-01 Client ID: RMW-10													
Delta-BHC	ND	0.357	0.219	61		0.209	58		30-150	5		30	A
Lindane	ND	0.357	0.233	65		0.219	61		30-150	6		30	A
Alpha-BHC	ND	0.357	0.238	67		0.219	61		30-150	8		30	A
Beta-BHC	ND	0.357	0.233	65		0.221	62		30-150	5		30	A
Heptachlor	ND	0.357	0.211	59		0.198	55		30-150	6		30	A
Aldrin	ND	0.357	0.203	57		0.191	54		30-150	6		30	A
Heptachlor epoxide	ND	0.357	0.208	58		0.197	55		30-150	5		30	A
Endrin	ND	0.357	0.222	62		0.209	58		30-150	6		30	A
Endrin aldehyde	ND	0.357	0.191	54		0.183	51		30-150	4		30	A
Endrin ketone	ND	0.357	0.246	69		0.238	67		30-150	3		30	A
Dieldrin	ND	0.357	0.223	62		0.214	60		30-150	4		30	A
4,4'-DDE	ND	0.357	0.202	57		0.194	54		30-150	4		30	A
4,4'-DDD	ND	0.357	0.284	80		0.270	76		30-150	5		30	B
4,4'-DDT	0.005JIP	0.357	0.218	61		0.214	60		30-150	2		30	A
Endosulfan I	ND	0.357	0.203	57		0.195	55		30-150	4		30	A
Endosulfan II	ND	0.357	0.216	60		0.206	58		30-150	5		30	A
Endosulfan sulfate	ND	0.357	0.212	59		0.196	55		30-150	8		30	A
Methoxychlor	ND	0.357	0.252	71		0.244	68		30-150	3		30	A
cis-Chlordane	ND	0.357	0.189	53		0.180	50		30-150	5		30	A
trans-Chlordane	ND	0.357	0.216	60		0.206	58		30-150	5		30	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1948100-4 WG1948100-5 QC Sample: L2439714-01 Client ID: RMW-10												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*	*Column*
2,4,5,6-Tetrachloro-m-xylene	56		52		30-150	A
Decachlorobiphenyl	48		44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		60		30-150	B
Decachlorobiphenyl	62		57		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1948515-6 WG1948515-7 QC Sample: L2439714-01 Client ID: RMW-10													
2,4-D	ND	5	6.82J	136		6.46J	129		30-150	5		25	A
2,4,5-T	ND	5	7.18	144		6.65	133		30-150	8		25	A
2,4,5-TP (Silvex)	ND	5	6.86	137		6.35	127		30-150	8		25	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	124		114		30-150	A
DCAA	133		121		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-01 Date Collected: 07/15/24 13:00

Client ID: RMW-10 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00839	J	mg/l	0.0100	0.00327	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Antimony, Total	0.00077	J	mg/l	0.00400	0.00042	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00206		mg/l	0.00050	0.00016	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Barium, Total	0.04254		mg/l	0.00050	0.00017	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Calcium, Total	19.4		mg/l	0.100	0.0394	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Iron, Total	0.566		mg/l	0.0500	0.0191	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Magnesium, Total	8.02		mg/l	0.0700	0.0242	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1767		mg/l	0.00100	0.00044	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/17/24 00:43	07/19/24 14:15	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Potassium, Total	2.34		mg/l	0.100	0.0309	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Sodium, Total	4.31		mg/l	0.100	0.0293	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/17/24 00:12	07/19/24 12:56	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-02 Date Collected: 07/15/24 12:10

Client ID: DUP_07152024_3 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00790	J	mg/l	0.0100	0.00327	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00215		mg/l	0.00050	0.00016	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Barium, Total	0.04289		mg/l	0.00050	0.00017	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Calcium, Total	18.4		mg/l	0.100	0.0394	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Iron, Total	0.567		mg/l	0.0500	0.0191	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Magnesium, Total	8.15		mg/l	0.0700	0.0242	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1752		mg/l	0.00100	0.00044	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/17/24 00:43	07/19/24 14:28	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Potassium, Total	2.26		mg/l	0.100	0.0309	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Sodium, Total	4.35		mg/l	0.100	0.0293	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01576		mg/l	0.01000	0.00341	1	07/17/24 00:12	07/19/24 14:44	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-04 Date Collected: 07/15/24 13:25

Client ID: FB_07152024 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/17/24 00:43	07/19/24 14:32	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/17/24 00:12	07/19/24 14:48	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-05 Date Collected: 07/15/24 15:30

Client ID: WC-1 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	21.5		mg/l	0.0100	0.00327	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00470		mg/l	0.00050	0.00016	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Barium, Total	0.4039		mg/l	0.00050	0.00017	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00107		mg/l	0.00050	0.00010	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00066		mg/l	0.00020	0.00005	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Calcium, Total	46.0		mg/l	0.100	0.0394	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Chromium, Total	0.09169		mg/l	0.00100	0.00017	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.02337		mg/l	0.00050	0.00016	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Copper, Total	0.1127		mg/l	0.00100	0.00038	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Iron, Total	43.2		mg/l	0.0500	0.0191	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Lead, Total	0.04650		mg/l	0.00100	0.00034	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Magnesium, Total	32.6		mg/l	0.0700	0.0242	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Manganese, Total	1.237		mg/l	0.00100	0.00044	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/17/24 00:43	07/19/24 14:35	EPA 7470A	1,7470A	MJR
Nickel, Total	0.04568		mg/l	0.00200	0.00055	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Potassium, Total	8.05		mg/l	0.100	0.0309	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Selenium, Total	0.00627		mg/l	0.00500	0.00173	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Sodium, Total	6.68		mg/l	0.100	0.0293	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00039	J	mg/l	0.00100	0.00014	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.04887		mg/l	0.00500	0.00157	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF
Zinc, Total	0.2107		mg/l	0.01000	0.00341	1	07/17/24 00:12	07/19/24 14:53	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439714

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04-05 Batch: WG1947690-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/17/24 00:12	07/19/24 12:47	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04-05 Batch: WG1947691-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/17/24 00:43	07/19/24 14:08	1,7470A	MJR

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 Batch: WG1947690-2								
Aluminum, Total	104		-		80-120	-		
Antimony, Total	91		-		80-120	-		
Arsenic, Total	101		-		80-120	-		
Barium, Total	103		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Calcium, Total	90		-		80-120	-		
Chromium, Total	97		-		80-120	-		
Cobalt, Total	101		-		80-120	-		
Copper, Total	99		-		80-120	-		
Iron, Total	91		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	103		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	100		-		80-120	-		
Potassium, Total	99		-		80-120	-		
Selenium, Total	92		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	105		-		80-120	-		
Thallium, Total	95		-		80-120	-		
Vanadium, Total	93		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 Batch: WG1947690-2					
Zinc, Total	93	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 Batch: WG1947691-2					
Mercury, Total	95	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1947690-3 WG1947690-4 QC Sample: L2439714-01 Client ID: RMW-10												
Aluminum, Total	0.00839J	2	2.06	103		2.02	101		75-125	2		20
Antimony, Total	0.00077J	0.5	0.4703	94		0.4900	98		75-125	4		20
Arsenic, Total	0.00206	0.12	0.1220	100		0.1226	100		75-125	0		20
Barium, Total	0.04254	2	2.134	104		2.157	106		75-125	1		20
Beryllium, Total	ND	0.05	0.05123	102		0.05077	102		75-125	1		20
Cadmium, Total	ND	0.053	0.05428	102		0.05377	101		75-125	1		20
Calcium, Total	19.4	10	28.8	94		28.1	87		75-125	2		20
Chromium, Total	ND	0.2	0.1964	98		0.1921	96		75-125	2		20
Cobalt, Total	ND	0.5	0.5057	101		0.5031	101		75-125	1		20
Copper, Total	ND	0.25	0.2486	99		0.2499	100		75-125	1		20
Iron, Total	0.566	1	1.47	90		1.50	93		75-125	2		20
Lead, Total	ND	0.53	0.5520	104		0.5509	104		75-125	0		20
Magnesium, Total	8.02	10	18.4	104		17.8	98		75-125	3		20
Manganese, Total	0.1767	0.5	0.6916	103		0.6910	103		75-125	0		20
Nickel, Total	ND	0.5	0.5058	101		0.4997	100		75-125	1		20
Potassium, Total	2.34	10	12.3	100		11.8	95		75-125	4		20
Selenium, Total	ND	0.12	0.116	97		0.116	97		75-125	0		20
Silver, Total	ND	0.05	0.05242	105		0.05278	106		75-125	1		20
Sodium, Total	4.31	10	14.7	104		14.2	99		75-125	3		20
Thallium, Total	ND	0.12	0.1150	96		0.1147	96		75-125	0		20
Vanadium, Total	ND	0.5	0.4585	92		0.4562	91		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1947690-3 WG1947690-4 QC Sample: L2439714-01 Client ID: RMW-10									
Zinc, Total	ND	0.5	0.4730	95	0.4754	95	75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1947690-7 WG1947690-8 QC Sample: L2439123-02 Client ID: MS Sample										
Aluminum, Total	0.009J	2	2.02	101		2.03	102	75-125	0	20
Antimony, Total	ND	0.5	0.4833	97		0.4785	96	75-125	1	20
Arsenic, Total	0.00043J	0.12	0.1255	104		0.1228	102	75-125	2	20
Barium, Total	0.05157	2	2.167	106		2.106	103	75-125	3	20
Beryllium, Total	ND	0.05	0.05080	102		0.05158	103	75-125	2	20
Cadmium, Total	ND	0.053	0.05490	104		0.05348	101	75-125	3	20
Calcium, Total	34.3	10	41.4	**71**	Q	42.2	79	75-125	2	20
Chromium, Total	0.00176	0.2	0.1922	95		0.1956	97	75-125	2	20
Cobalt, Total	0.00032J	0.5	0.5026	100		0.5048	101	75-125	0	20
Copper, Total	ND	0.25	0.2478	99		0.2500	100	75-125	1	20
Iron, Total	ND	1	0.879	88		0.918	92	75-125	4	20
Lead, Total	ND	0.53	0.5523	104		0.5525	104	75-125	0	20
Magnesium, Total	3.90	10	13.6	97		13.9	100	75-125	2	20
Manganese, Total	0.00561	0.5	0.5111	101		0.5109	101	75-125	0	20
Nickel, Total	ND	0.5	0.4990	100		0.5017	100	75-125	1	20
Potassium, Total	2.66	10	11.9	92		12.0	93	75-125	1	20
Selenium, Total	ND	0.12	0.118	98		0.117	98	75-125	1	20
Silver, Total	ND	0.05	0.05307	106		0.05245	105	75-125	1	20
Sodium, Total	36.6	10	46.8	102		47.8	112	75-125	2	20
Thallium, Total	ND	0.12	0.1148	96		0.1156	96	75-125	1	20
Vanadium, Total	ND	0.5	0.4526	90		0.4493	90	75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1947690-7 WG1947690-8 QC Sample: L2439123-02 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4674	93	0.4698	94	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1947691-3 WG1947691-4 QC Sample: L2439714-01 Client ID: RMW-10									
Mercury, Total	ND	0.005	0.00473	95	0.00479	96	75-125	1	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2439714
Report Date: 07/22/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1947690-6 QC Sample: L2439714-01 Client ID: RMW-10						
Barium, Total	0.04254	0.04297	mg/l	1		20
Calcium, Total	19.4	19.0	mg/l	2		20
Magnesium, Total	8.02	8.22	mg/l	2		20
Manganese, Total	0.1767	0.1792	mg/l	1		20
Sodium, Total	4.31	4.31	mg/l	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-01
Client ID: RMW-10
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Date Collected: 07/15/24 13:00
Date Received: 07/15/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	07/19/24 09:10	07/19/24 12:42	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	07/16/24 11:20	07/16/24 11:33	1,7196A	JBB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-02
Client ID: DUP_07152024_3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Date Collected: 07/15/24 12:10
Date Received: 07/15/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	07/19/24 09:10	07/19/24 12:27	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	07/16/24 11:20	07/16/24 11:33	1,7196A	JBB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439714-04
Client ID: FB_07152024
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Field Blank
Date Collected: 07/15/24 13:25
Date Received: 07/15/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	07/19/24 09:10	07/19/24 12:05	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	07/16/24 11:20	07/16/24 11:33	1,7196A	JBB

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439714
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02,04 Batch: WG1947542-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	07/16/24 11:20	07/16/24 11:32	1,7196A	JBB
General Chemistry - Westborough Lab for sample(s): 01-02,04 Batch: WG1948900-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	07/19/24 09:10	07/19/24 11:57	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1947542-2								
Chromium, Hexavalent	96		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1948900-2 WG1948900-3								
Cyanide, Total	104		99		85-115	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1947542-4 WG1947542-5 QC Sample: L2439714-01 Client ID: RMW-10												
Chromium, Hexavalent	ND	0.1	0.096	96		0.097	97		85-115	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1948900-4 WG1948900-5 QC Sample: L2439714-01 Client ID: RMW-10												
Cyanide, Total	ND	0.2	0.204	102		0.209	104		80-120	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439714

Report Date: 07/22/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1947542-3 QC Sample: L2439714-01 Client ID: RMW-10						
Chromium, Hexavalent	ND	ND	mg/l	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2439714-01A	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-01A1	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-01A2	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-01B	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-01B1	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-01B2	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-01C	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-01C1	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-01C2	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-01D	Amber 100ml unpreserved	C	7	7	5.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2439714-01D1	Amber 100ml unpreserved	C	7	7	5.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2439714-01D2	Amber 100ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2439714-01E	Amber 100ml unpreserved	C	7	7	5.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2439714-01E1	Amber 100ml unpreserved	C	7	7	5.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2439714-01E2	Amber 100ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2439714-01F	Amber 120ml unpreserved	C	7	7	5.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-01F1	Amber 120ml unpreserved	C	7	7	5.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-01F2	Amber 120ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-01G	Amber 120ml unpreserved	C	7	7	5.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2439714-01G1	Amber 120ml unpreserved	C	7	7	5.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-01G2	Amber 120ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-01H	Amber 120ml unpreserved	C	7	7	5.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-01H1	Amber 120ml unpreserved	C	7	7	5.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-01H2	Amber 120ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-01I	Amber 120ml unpreserved	C	7	7	5.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-01I1	Amber 120ml unpreserved	C	7	7	5.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-01I2	Amber 120ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-01J	Plastic 250ml NaOH preserved	C	>12	>12	5.8	Y	Absent		TCN-9010(14)
L2439714-01J1	Plastic 250ml NaOH preserved	C	>12	>12	5.8	Y	Absent		TCN-9010(14)
L2439714-01J2	Plastic 250ml NaOH preserved	B	>12	>12	5.7	Y	Absent		TCN-9010(14)
L2439714-01K	Amber 250ml unpreserved	C	7	7	5.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2439714-01K1	Amber 250ml unpreserved	C	7	7	5.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2439714-01K2	Amber 250ml unpreserved	B	7	7	5.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2439714-01L	Plastic 250ml HNO3 preserved	C	<2	<2	5.8	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),CO-6020T(180)
L2439714-01L1	Plastic 250ml HNO3 preserved	C	<2	<2	5.8	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2439714-01L2	Plastic 250ml HNO3 preserved	B	<2	<2	5.7	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),CO-6020T(180)
L2439714-01M	Plastic 500ml unpreserved	C	7	7	5.8	Y	Absent		HEXCR-7196(1)
L2439714-01M1	Plastic 500ml unpreserved	C	7	7	5.8	Y	Absent		HEXCR-7196(1)
L2439714-01M2	Plastic 500ml unpreserved	B	7	7	5.7	Y	Absent		HEXCR-7196(1)
L2439714-01N	Amber 1000ml unpreserved	C	7	7	5.8	Y	Absent		HERB-APA(7)
L2439714-01N1	Amber 1000ml unpreserved	C	7	7	5.8	Y	Absent		HERB-APA(7)
L2439714-01N2	Amber 1000ml unpreserved	B	7	7	5.7	Y	Absent		HERB-APA(7)
L2439714-01O	Amber 1000ml unpreserved	C	7	7	5.8	Y	Absent		HERB-APA(7)
L2439714-01O1	Amber 1000ml unpreserved	C	7	7	5.8	Y	Absent		HERB-APA(7)
L2439714-01O2	Amber 1000ml unpreserved	B	7	7	5.7	Y	Absent		HERB-APA(7)
L2439714-01P	Amber 250ml unpreserved	C	7	7	5.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2439714-01P1	Amber 250ml unpreserved	C	7	7	5.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2439714-01P2	Amber 250ml unpreserved	B	7	7	5.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2439714-02A	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-02B	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-02C	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-02D	Amber 100ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2439714-02E	Amber 100ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2439714-02F	Amber 120ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-02G	Amber 120ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-02H	Amber 120ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-02I	Amber 120ml unpreserved	B	7	7	5.7	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-02J	Plastic 250ml NaOH preserved	B	>12	>12	5.7	Y	Absent		TCN-9010(14)
L2439714-02K	Amber 250ml unpreserved	B	7	7	5.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2439714-02L	Plastic 250ml HNO3 preserved	B	<2	<2	5.7	Y	Absent		SE-6020T(180),TL-6020T(180),FE-6020T(180),BA-6020T(180),K-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)
L2439714-02M	Plastic 500ml unpreserved	B	7	7	5.7	Y	Absent		HEXCR-7196(1)
L2439714-02N	Amber 1000ml unpreserved	B	7	7	5.7	Y	Absent		HERB-APA(7)
L2439714-02O	Amber 1000ml unpreserved	B	7	7	5.7	Y	Absent		HERB-APA(7)
L2439714-02P	Amber 250ml unpreserved	B	7	7	5.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2439714-03A	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2439714-03B	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2439714-04A	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-04B	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-04C	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-04D	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2439714-04E	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2439714-04F	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-04G	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-04H	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-04I	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2439714-04J	Plastic 250ml NaOH preserved	A	>12	>12	2.3	Y	Absent		TCN-9010(14)
L2439714-04K	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2439714-04L	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		TL-6020T(180),SE-6020T(180),BA-6020T(180),FE-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2439714-04M	Plastic 500ml unpreserved	A	7	7	2.3	Y	Absent		HEXCR-7196(1)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439714
Report Date: 07/22/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2439714-04N	Amber 1000ml unpreserved	A	7	7	2.3	Y	Absent		HERB-APA(7)
L2439714-04O	Amber 1000ml unpreserved	A	7	7	2.3	Y	Absent		HERB-APA(7)
L2439714-04P	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2439714-05A	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-05B	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-05C	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-05D	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-LVI(365)
L2439714-05E	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2439714-05F	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2439714-06A	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)
L2439714-06B	Vial HCl preserved	C	NA		5.8	Y	Absent		NYTCL-8260(14)

Container Comments

L2439714-02B cap cracked, sample is intact

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439714
Project Number:	3858.0004Y000	**Report Date:**	07/22/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439714
Project Number:	3858.0004Y000	**Report Date:**	07/22/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439714
Project Number:	3858.0004Y000	**Report Date:**	07/22/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439714
Project Number:	3858.0004Y000	**Report Date:**	07/22/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Serial_No:07222417:33

L2439714 22JUL24
ROUX – NY

NEW YORK CHAIN OF CUSTODY

Page 1 of 1

Date Rec'd in Lab 7/16/24

ALPHA ANALYTICAL
Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Client Information
Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: 27525

Turn-Around Time
Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☑ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/Part 375 VOCs +10 TICs, Ketones	TCL/Part 375 +20 BNA/SVOCs TICs	TAL/Part 375 Metals	Hexavalent Chromium	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	TCL/Part 375 PCBs	Total Cyanide TOTAL MERCURY	Sample Specific Comments	Total Bottles
39714-01	RMW-10	7/15/24	1300	GW	EL	X	X	X	X	X	X	X	X	MS/MSD	4B
-02	DUP-07152024-3		1210	GW	EL	X	X	X	X	X	X	X	X		16
-03	EB-07152024		1320	W	EL			X						*1,4 DIOXANE ONLY	2
-04	FB-07152024		1325	W	EL	X	X	X	X	X	X	X	X		16
-05	WC-1		1530	GW	EL	X		X				X			6
-06	TB-07152024		—	W	EL	X									2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A	P/A	P	A	A	A	P	
Preservative	B	A	A	A	A	A	A	E	

Relinquished By:	Date/Time	Received By:	Date/Time
EL	7/15/24 1630	FEDEX PACE 16:20	7.15.24
FEDEX PACE 19:45	7.15.24	Anthony Green JUL 15 2024	2024
Anthony Green	7/16/24 0300		7/16/24 03:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2439718
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/29/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439718
Report Date: 07/29/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2439718-01	RMW-10_P	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	07/15/24 13:00	07/15/24
L2439718-02	DUP_07152024_B_P	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	07/15/24 12:10	07/15/24
L2439718-03	FB_07152024_P	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	07/15/24 13:15	07/15/24
L2439718-04	EB_07152024_P	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	07/15/24 13:20	07/15/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439718
Project Number:	3858.0004Y000	**Report Date:**	07/29/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439718
Project Number:	3858.0004Y000	**Report Date:**	07/29/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by 1633

The WG1949887-5 MS/MSD RPDs, performed on L2439718-01, are outside the acceptance criteria for 1h,1h,2h,2h-perfluorooctanesulfonic acid (6:2fts) (32%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Ashley Boucher Ashley Boucher

Title: Technical Director/Representative Date: 07/29/24

ORGANICS

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439718
Report Date: 07/29/24

SAMPLE RESULTS

Lab ID: L2439718-01
Client ID: RMW-10_P
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 13:00
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/26/24 02:24
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/22/24 18:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	3.13	J	ng/l	5.88	0.941	1
Perfluoropentanoic Acid (PFPeA)	3.20		ng/l	2.94	0.786	1
Perfluorobutanesulfonic Acid (PFBS)	1.28	J	ng/l	1.47	0.492	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.88	1.54	1
Perfluorohexanoic Acid (PFHxA)	10.2		ng/l	1.47	0.434	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.47	0.257	1
Perfluoroheptanoic Acid (PFHpA)	3.32		ng/l	1.47	0.294	1
Perfluorohexanesulfonic Acid (PFHxS)	1.11	J	ng/l	1.47	0.353	1
Perfluorooctanoic Acid (PFOA)	11.5		ng/l	1.47	0.639	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	74.9		ng/l	5.88	1.98	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.47	0.397	1
Perfluorononanoic Acid (PFNA)	0.941	J	ng/l	1.47	0.463	1
Perfluorooctanesulfonic Acid (PFOS)	11.0		ng/l	1.47	0.669	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.47	0.595	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.88	2.28	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.47	0.456	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.47	0.801	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.47	0.639	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.47	0.338	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.47	0.397	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.47	0.794	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.47	0.676	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.47	0.551	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.47	0.389	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.88	0.823	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.88	0.926	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.47	0.558	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439718

Project Number: 3858.0004Y000 **Report Date:** 07/29/24

SAMPLE RESULTS

Lab ID: L2439718-01 Date Collected: 07/15/24 13:00

Client ID: RMW-10_P Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.88	1.21	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.88	1.21	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.47	0.639	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.47	0.676	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.7	3.45	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.7	1.80	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.94	0.419	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.94	0.389	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.94	0.323	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.94	1.73	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.35	2.42	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.7	8.60	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.7	5.80	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439718

Project Number: 3858.0004Y000 **Report Date:** 07/29/24

SAMPLE RESULTS

Lab ID: L2439718-01 Date Collected: 07/15/24 13:00

Client ID: RMW-10_P Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	78		41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	65		29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84		41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	146		10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	70		40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	68		27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79		46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	75		39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82		10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	75		38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	68		32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	65		28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71		10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	63		10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	59		16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	59		14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	57		10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	50		10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	52		10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	61		35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	58		11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	58		11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	58		10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	57		10-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439718
Report Date: 07/29/24

SAMPLE RESULTS

Lab ID: L2439718-02
Client ID: DUP_07152024_B_P
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 12:10
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/26/24 03:03
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/22/24 18:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	3.18	J	ng/l	5.84	0.935	1
Perfluoropentanoic Acid (PFPeA)	2.96		ng/l	2.92	0.782	1
Perfluorobutanesulfonic Acid (PFBS)	1.24	J	ng/l	1.46	0.490	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.84	1.53	1
Perfluorohexanoic Acid (PFHxA)	8.78		ng/l	1.46	0.431	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.46	0.256	1
Perfluoroheptanoic Acid (PFHpA)	2.96		ng/l	1.46	0.292	1
Perfluorohexanesulfonic Acid (PFHxS)	1.15	J	ng/l	1.46	0.351	1
Perfluorooctanoic Acid (PFOA)	10.9		ng/l	1.46	0.636	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	62.7		ng/l	5.84	1.97	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.46	0.394	1
Perfluorononanoic Acid (PFNA)	1.04	J	ng/l	1.46	0.460	1
Perfluorooctanesulfonic Acid (PFOS)	9.95		ng/l	1.46	0.665	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.46	0.592	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.84	2.27	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.46	0.453	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.46	0.796	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.46	0.636	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.46	0.336	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.46	0.394	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.46	0.789	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.46	0.672	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.46	0.548	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.46	0.387	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.84	0.818	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.84	0.921	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.46	0.555	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439718

Project Number: 3858.0004Y000 **Report Date:** 07/29/24

SAMPLE RESULTS

Lab ID: L2439718-02 Date Collected: 07/15/24 12:10

Client ID: DUP_07152024_B_P Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.84	1.20	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.84	1.20	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.46	0.636	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.46	0.672	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.6	3.43	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.6	1.79	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.92	0.416	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.92	0.387	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.92	0.322	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.92	1.72	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.31	2.41	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.5	8.55	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.5	5.76	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439718

Project Number: 3858.0004Y000 **Report Date:** 07/29/24

SAMPLE RESULTS

Lab ID: L2439718-02 Date Collected: 07/15/24 12:10

Client ID: DUP_07152024_B_P Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76		41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	72		29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83		41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	141		10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	75		27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81		10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	68		38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	65		28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72		10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	71		10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	61		16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	62		14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	60		10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	52		10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	52		10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	66		35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60		11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	60		11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	57		10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	59		10-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439718
Report Date: 07/29/24

SAMPLE RESULTS

Lab ID: L2439718-03
Client ID: FB_07152024_P
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 13:15
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/26/24 03:15
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/22/24 18:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	5.97	0.956	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.99	0.799	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.49	0.500	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.97	1.56	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.49	0.440	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.49	0.261	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.49	0.299	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.49	0.358	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.49	0.650	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.97	2.02	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.49	0.403	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.49	0.470	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.49	0.679	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.49	0.605	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.97	2.32	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.49	0.463	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.49	0.814	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.49	0.650	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.49	0.343	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.49	0.403	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.49	0.806	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.49	0.687	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.49	0.560	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.49	0.396	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.97	0.836	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.97	0.941	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.49	0.567	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439718

Project Number: 3858.0004Y000 **Report Date:** 07/29/24

SAMPLE RESULTS

Lab ID: L2439718-03 Date Collected: 07/15/24 13:15

Client ID: FB_07152024_P Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.97	1.23	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.97	1.23	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.49	0.650	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.49	0.687	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.9	3.51	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.9	1.83	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.99	0.426	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.99	0.396	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.99	0.328	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.99	1.76	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.47	2.46	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.3	8.74	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.3	5.89	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439718

Project Number: 3858.0004Y000 **Report Date:** 07/29/24

SAMPLE RESULTS

Lab ID: L2439718-03 Date Collected: 07/15/24 13:15

Client ID: FB_07152024_P Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85		41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88		29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91		10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88		27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88		46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91		39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83		10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81		32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	76		28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74		10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	91		10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72		16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80		14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	67		10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	60		10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	57		10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78		35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	67		11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	70		11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	74		10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	76		10-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439718
Report Date: 07/29/24

SAMPLE RESULTS

Lab ID: L2439718-04
Client ID: EB_07152024_P
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 07/15/24 13:20
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/26/24 03:28
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/22/24 18:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	5.92	0.947	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.96	0.792	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.48	0.496	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.92	1.55	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.48	0.436	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.48	0.259	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.48	0.296	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.48	0.355	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.48	0.644	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.92	2.00	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.48	0.400	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.48	0.466	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.48	0.673	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.48	0.599	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.92	2.30	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.48	0.459	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.48	0.806	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.48	0.644	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.48	0.340	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.48	0.400	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.48	0.799	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.48	0.681	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.48	0.555	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.48	0.392	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.92	0.829	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.92	0.932	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.48	0.562	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439718

Project Number: 3858.0004Y000 **Report Date:** 07/29/24

SAMPLE RESULTS

Lab ID: L2439718-04 Date Collected: 07/15/24 13:20

Client ID: EB_07152024_P Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.92	1.22	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.92	1.22	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.48	0.644	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.48	0.681	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.8	3.48	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.8	1.81	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.96	0.422	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.96	0.392	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.96	0.326	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.96	1.75	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.40	2.44	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.0	8.66	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.0	5.84	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439718

Project Number: 3858.0004Y000 **Report Date:** 07/29/24

SAMPLE RESULTS

Lab ID: L2439718-04 Date Collected: 07/15/24 13:20

Client ID: EB_07152024_P Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82		41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88		29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	97		10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81		40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93		39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	87		10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	71		10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77		14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	61		10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	58		10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	45		10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76		35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	71		11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	64		11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	61		10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	59		10-130

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439718
Report Date: 07/29/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/25/24 22:00
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/22/24 18:11

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-04 Batch: WG1949887-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439718
Report Date: 07/29/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/25/24 22:00
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/22/24 18:11

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-04 Batch: WG1949887-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439718
Report Date: 07/29/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/25/24 22:00
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/22/24 18:11

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-04 Batch: WG1949887-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83		41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78		29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83		41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	99		10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	75		40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	79		27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86		46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93		39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81		10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89		32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80		28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88		10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	86		10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72		16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	85		14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76		10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	66		10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	68		35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	73		11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	67		11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	85		10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	78		10-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439718

Report Date: 07/29/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 Batch: WG1949887-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	108		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	108		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	111		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	126		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	104		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	117		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	107		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	117		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	89		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	106		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	92		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	110		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	110		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	80		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	92		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	108		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	81		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	102		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	112		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	110		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439718

Report Date: 07/29/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 Batch: WG1949887-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	112		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	118		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	114		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	126		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	87		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	132		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	121		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	94		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	99		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	102		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	114		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	108		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	115		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	112		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	100		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	101		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	93		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	88		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439718
Report Date: 07/29/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 Batch: WG1949887-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89				41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90				41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	87				10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90				40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84				27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93				46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	97				39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	84				10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93				38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	107				32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82				28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79				10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	91				10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79				16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	87				14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76				10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70				10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	70				10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76				35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	72				11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	72				11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	88				10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	81				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439718
Report Date: 07/29/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 Batch: WG1949887-3								
Perfluorobutanoic Acid (PFBA)	105		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	103		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	111		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	116		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	117		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	101		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	106		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	97		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	92		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	104		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	96		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	107		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	98		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	105		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	106		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	95		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	92		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	100		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	95		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	97		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	103		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	108		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439718
Report Date: 07/29/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 Batch: WG1949887-3								
Perfluorotridecanoic Acid (PFTrDA)	102		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	113		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	102		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	114		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	94		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	122		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	115		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	99		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	101		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	104		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	111		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	102		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	110		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	112		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	82		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	102		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	103		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	84		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439718

Report Date: 07/29/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 Batch: WG1949887-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85				41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83				29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82				41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85				10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83				27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88				46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94				39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83				10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84				38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86				32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78				28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	80				10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	80				10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76				16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	81				14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75				10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69				10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	69				10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78				35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	67				11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	67				11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	78				10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	76				10-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439718
Report Date: 07/29/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1949887-4 WG1949887-5 QC Sample: L2439718-01 Client ID: RMW-10_P												
Perfluorobutanoic Acid (PFBA)	3.13J	73	80.8	106		81.3	109		40-150	1		30
Perfluoropentanoic Acid (PFPeA)	3.20	36.5	42.7	108		41.0	105		40-150	4		30
Perfluorobutanesulfonic Acid (PFBS)	1.28J	16.2	18.4	106		18.0	105		40-150	2		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	68.5	76.4	112		79.3	118		40-150	4		30
Perfluorohexanoic Acid (PFHxA)	10.2	18.2	26.4	89		31.0	116		40-150	16		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	17.2	18.6	108		19.1	113		40-150	3		30
Perfluoroheptanoic Acid (PFHpA)	3.32	18.2	22.2	103		22.7	108		40-150	2		30
Perfluorohexanesulfonic Acid (PFHxS)	1.11J	16.7	17.8	100		18.2	104		40-150	2		30
Perfluorooctanoic Acid (PFOA)	11.5	18.2	29.1	96		28.3	94		40-150	3		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	74.9	69.4	120	65		166	133		40-150	**32**	Q	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	17.4	19.4	111		19.2	112		40-150	1		30
Perfluorononanoic Acid (PFNA)	0.941J	18.2	20.6	108		20.8	111		40-150	1		30
Perfluorooctanesulfonic Acid (PFOS)	11.0	16.9	27.8	99		26.8	95		40-150	4		30
Perfluorodecanoic Acid (PFDA)	ND	18.2	19.4	106		21.6	120		40-150	11		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	70.1	82.8	118		84.9	123		40-150	3		30
Perfluorononanesulfonic Acid (PFNS)	ND	17.6	16.7	95		17.2	100		40-150	3		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	18.2	16.4	90		18.5	103		40-150	12		30
Perfluoroundecanoic Acid (PFUnA)	ND	18.2	20.5	112		19.8	110		40-150	3		30
Perfluorodecanesulfonic Acid (PFDS)	ND	17.6	15.5	88		16.3	94		40-150	5		30
Perfluorooctanesulfonamide (PFOSA)	ND	18.2	19.6	107		19.3	107		40-150	2		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	18.2	19.1	105		19.8	110		40-150	4		30
Perfluorododecanoic Acid (PFDoA)	ND	18.2	19.9	109		20.9	116		40-150	5		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439718
Report Date: 07/29/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1949887-4 WG1949887-5 QC Sample: L2439718-01 Client ID: RMW-10_P												
Perfluorotridecanoic Acid (PFTrDA)	ND	18.2	18.2	100		19.1	106		40-150	5		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	18.2	21.7	119		21.9	122		40-150	1		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	73	79.8	109		80.4	112		40-150	1		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	69	81.9	119		78.4	115		40-150	4		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	17.7	15.2	86		16.5	95		40-150	8		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	68.3	81.2	119		83.3	124		40-150	3		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	69	67.6	98		67.6	100		40-150	0		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	18.2	18.9	104		18.3	102		40-150	3		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	18.2	18.3	100		18.7	104		40-150	2		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	182	178	98		188	105		40-150	5		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	182	188	103		198	110		40-150	5		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	36.5	42.8	117		41.7	116		40-150	3		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	36.5	39.8	109		40.7	113		40-150	2		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	32.5	35.3	109		33.2	104		40-150	6		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	36.5	32.5	89		32.4	90		40-150	0		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	91.3	105	115		104	116		40-150	1		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	456	450	99		456	102		40-150	1		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	456	410	90		428	95		40-150	4		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439718

Report Date: 07/29/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1949887-4 WG1949887-5 QC Sample: L2439718-01 Client ID: RMW-10_P

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	65		76		10-213
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	123		142		10-290
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	79		84		10-261
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61		65		11-97
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	55		61		10-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	60		66		10-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	61		67		11-94
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	75		80		10-172
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	60		63		10-137
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	77		84		46-115
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65		71		14-108
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		78		32-114
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		89		41-125
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	60		70		16-123
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	69		71		28-115
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	76		87		40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74		83		27-156
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	53		58		10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	51		58		10-145
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76		80		41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	72		81		29-123
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		86		39-121
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		84		38-114

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439718

Report Date: 07/29/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1949887-4 WG1949887-5 QC Sample: L2439718-01 Client ID: RMW-10_P												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	67		76		35-142

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439718
Report Date: 07/29/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2439718-01A	Plastic 500ml unpreserved	A	NA		5.2	Y	Absent		A2-1633-DRAFT(28)
L2439718-01A1	Plastic 500ml unpreserved	A	NA		5.2	Y	Absent		A2-1633-DRAFT(28)
L2439718-01A2	Plastic 500ml unpreserved	A	NA		5.2	Y	Absent		A2-1633-DRAFT(28)
L2439718-01B	Plastic 500ml unpreserved	A	NA		5.2	Y	Absent		A2-1633-DRAFT(28)
L2439718-01B1	Plastic 500ml unpreserved	A	NA		5.2	Y	Absent		A2-1633-DRAFT(28)
L2439718-01B2	Plastic 500ml unpreserved	A	NA		5.2	Y	Absent		A2-1633-DRAFT(28)
L2439718-02A	Plastic 500ml unpreserved	A	NA		5.2	Y	Absent		A2-1633-DRAFT(28)
L2439718-02B	Plastic 500ml unpreserved	A	NA		5.2	Y	Absent		A2-1633-DRAFT(28)
L2439718-03A	Plastic 500ml unpreserved	A	NA		5.2	Y	Absent		A2-1633-DRAFT(28)
L2439718-03B	Plastic 500ml unpreserved	A	NA		5.2	Y	Absent		A2-1633-DRAFT(28)
L2439718-04A	Plastic 500ml unpreserved	A	NA		5.2	Y	Absent		A2-1633-DRAFT(28)
L2439718-04B	Plastic 500ml unpreserved	A	NA		5.2	Y	Absent		A2-1633-DRAFT(28)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439718
Report Date: 07/29/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439718
Report Date: 07/29/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439718
Project Number:	3858.0004Y000	**Report Date:**	07/29/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439718
Project Number:	3858.0004Y000	**Report Date:**	07/29/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439718
Project Number:	3858.0004Y000	**Report Date:**	07/29/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439718
Project Number:	3858.0004Y000	**Report Date:**	07/29/24

REFERENCES

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 7/16/24

ALPHA Job #: L2439718

Client Information

Client: ROUX
Address: 209 SHAFTER ST
ISLANDIA, NY 11749
Phone: 631-232-2600
Fax: 631-232-4848
Email: RLOMBINO@ROUXINC.COM

Project Information

Project Name: ELMWOOD PRESERVE
Project Location: 550 DOBBS FERRY ROAD, WHITE PLAINS, NY
Project #: 3858.0004000
(Use Project name as Project #) ☐
Project Manager: RON LOMBINO
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

PFAS - NY 1633

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PFAS - NY 1633	Sample Specific Comments	Total Bottle
39718-01	RMW-10_P	7/15/24	1300	GW	EL	X	MS/MSD	6
-02	DUP-07152024_B_P		1210	GW	EL	X		2
-03	FB_07152024_P		1315	W	EL	X		2
-04	EB_07152024_P		1320	W	EL	X		2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	P										
Preservative	A										

Relinquished By:	Date/Time	Received By:	Date/Time
EL	7/15/24 16:00	ROUX FACE	7/15/24 16:00
ROUX FACE	7/15/24 19:30	Anthony Green	JUL 15 2024 2042
Anthony Green	7/16/24 0300		7/16/24 0030
	7/16/24 0500	Ed Mendoza ASL	7/16/24 0500
Ed Mendoza ASL	7/16/24 0650		7/16/24 06:50

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2439730
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Ronald Lombino
Phone:	(631) 630-2372
Project Name:	ELMWOOD PRESERVE
Project Number:	3858.0004Y000
Report Date:	07/22/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439730
Report Date: 07/22/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2439730-01	SW-1	WATER	850 DOBBS FERRY ROAD	07/15/24 09:35	07/15/24
L2439730-02	SS-1	SOIL	850 DOBBS FERRY ROAD	07/15/24 09:55	07/15/24
L2439730-03	SW-2	WATER	850 DOBBS FERRY ROAD	07/15/24 10:20	07/15/24
L2439730-04	SS-2	SOIL	850 DOBBS FERRY ROAD	07/15/24 10:25	07/15/24
L2439730-05	SW-3	WATER	850 DOBBS FERRY ROAD	07/15/24 10:50	07/15/24
L2439730-06	SS-3	SOIL	850 DOBBS FERRY ROAD	07/15/24 11:00	07/15/24
L2439730-07	DUP_07152024_1	SOIL	850 DOBBS FERRY ROAD	07/15/24 12:00	07/15/24
L2439730-08	DUP_07152024_2	WATER	850 DOBBS FERRY ROAD	07/15/24 12:05	07/15/24

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439730
Project Number:	3858.0004Y000	**Report Date:**	07/22/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439730
Project Number:	3858.0004Y000	**Report Date:**	07/22/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2439730-02, -04, -06 and -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1947853-7/-8 MS/MSD recoveries for aluminum (10%/162%), calcium (MSD 0%), iron (659%/0%) and magnesium (69%/0%), performed on L2439730-02, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1947853-8 MSD recoveries, performed on L2439730-02, are outside the acceptance criteria for arsenic (127%), copper (130%) and zinc (129%). A post digestion spike was performed and was within acceptance criteria.

The WG1947853-7/-8 MS/MSD RPDs for calcium (25%) and magnesium (26%), performed on L2439730-02, are above the acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 07/22/24

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Lab Number: L2439730
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-01
Client ID: SW-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 09:35
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/18/24 12:11
Analyst: SID

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 07:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-01 Date Collected: 07/15/24 09:35

Client ID: SW-1 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2439730
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-01
Client ID: SW-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 09:35
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/20/24 12:04
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 07/18/24 11:30

Methylation Date: 07/19/24 23:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-02
Client ID: SS-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 09:55
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/19/24 13:58
Analyst: JAG
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 07/17/24 16:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.12	0.416	1	A
Lindane	ND		ug/kg	0.884	0.395	1	A
Alpha-BHC	ND		ug/kg	0.884	0.251	1	A
Beta-BHC	ND		ug/kg	2.12	0.805	1	A
Heptachlor	ND		ug/kg	1.06	0.476	1	A
Aldrin	ND		ug/kg	2.12	0.747	1	A
Heptachlor epoxide	ND		ug/kg	3.98	1.19	1	A
Endrin	ND		ug/kg	0.884	0.363	1	A
Endrin aldehyde	ND		ug/kg	2.65	0.929	1	A
Endrin ketone	ND		ug/kg	2.12	0.546	1	A
Dieldrin	ND		ug/kg	1.33	0.663	1	A
4,4'-DDE	2.07	J	ug/kg	2.12	0.491	1	A
4,4'-DDD	ND		ug/kg	2.12	0.757	1	A
4,4'-DDT	ND		ug/kg	2.12	1.71	1	A
Endosulfan I	ND		ug/kg	2.12	0.501	1	A
Endosulfan II	ND		ug/kg	2.12	0.709	1	A
Endosulfan sulfate	ND		ug/kg	0.884	0.421	1	A
Methoxychlor	ND		ug/kg	3.98	1.24	1	A
Toxaphene	ND		ug/kg	39.8	11.1	1	A
cis-Chlordane	9.22	IP	ug/kg	2.65	0.739	1	B
trans-Chlordane	15.3		ug/kg	2.65	0.700	1	A
Chlordane	80.1		ug/kg	17.7	7.03	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-02 Date Collected: 07/15/24 09:55

Client ID: SS-1 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2439730
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-02
Client ID: SS-1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 09:55
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/20/24 02:26
Analyst: PEG
Percent Solids: 74%
Methylation Date: 07/19/24 19:17

Extraction Method: EPA 8151A
Extraction Date: 07/18/24 13:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	221	13.9	1	A
2,4,5-T	ND		ug/kg	221	6.85	1	A
2,4,5-TP (Silvex)	ND		ug/kg	221	5.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	45		30-150	A
DCAA	45		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-03
Client ID: SW-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 10:20
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/18/24 12:22
Analyst: SID

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 07:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-03 Date Collected: 07/15/24 10:20

Client ID: SW-2 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2439730
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-03
Client ID: SW-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 10:20
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/20/24 12:59
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 07/18/24 11:30

Methylation Date: 07/19/24 23:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	121		30-150	A
DCAA	104		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-04
Client ID: SS-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 10:25
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/19/24 14:32
Analyst: JAG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 07/17/24 16:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.374	1	A
Lindane	ND		ug/kg	0.797	0.356	1	A
Alpha-BHC	ND		ug/kg	0.797	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.725	1	A
Heptachlor	ND		ug/kg	0.956	0.428	1	A
Aldrin	ND		ug/kg	1.91	0.673	1	A
Heptachlor epoxide	ND		ug/kg	3.58	1.08	1	A
Endrin	ND		ug/kg	0.797	0.327	1	A
Endrin aldehyde	ND		ug/kg	2.39	0.836	1	A
Endrin ketone	ND		ug/kg	1.91	0.492	1	A
Dieldrin	ND		ug/kg	1.19	0.597	1	A
4,4'-DDE	ND		ug/kg	1.91	0.442	1	A
4,4'-DDD	ND		ug/kg	1.91	0.682	1	A
4,4'-DDT	ND		ug/kg	1.91	1.54	1	A
Endosulfan I	ND		ug/kg	1.91	0.452	1	A
Endosulfan II	ND		ug/kg	1.91	0.639	1	A
Endosulfan sulfate	ND		ug/kg	0.797	0.379	1	A
Methoxychlor	ND		ug/kg	3.58	1.12	1	A
Toxaphene	ND		ug/kg	35.8	10.0	1	A
cis-Chlordane	1.29	JIP	ug/kg	2.39	0.666	1	B
trans-Chlordane	1.41	JIP	ug/kg	2.39	0.631	1	B
Chlordane	ND		ug/kg	15.9	6.33	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-04 Date Collected: 07/15/24 10:25

Client ID: SS-2 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2439730
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-04
Client ID: SS-2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 10:25
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/20/24 03:40
Analyst: PEG
Percent Solids: 80%
Methylation Date: 07/19/24 19:17

Extraction Method: EPA 8151A
Extraction Date: 07/18/24 13:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	203	12.8	1	A
2,4,5-T	ND		ug/kg	203	6.30	1	A
2,4,5-TP (Silvex)	ND		ug/kg	203	5.40	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	59		30-150	A
DCAA	61		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-05
Client ID: SW-3
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 10:50
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/18/24 12:34
Analyst: SID

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 07:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-05 Date Collected: 07/15/24 10:50

Client ID: SW-3 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-05
Client ID: SW-3
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 10:50
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/20/24 13:18
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 07/18/24 11:30

Methylation Date: 07/19/24 23:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	77		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-06
Client ID: SS-3
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 11:00
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/19/24 14:44
Analyst: JAG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/17/24 16:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.393	1	A
Lindane	ND		ug/kg	0.836	0.374	1	A
Alpha-BHC	ND		ug/kg	0.836	0.237	1	A
Beta-BHC	ND		ug/kg	2.00	0.760	1	A
Heptachlor	ND		ug/kg	1.00	0.450	1	A
Aldrin	ND		ug/kg	2.00	0.706	1	A
Heptachlor epoxide	ND		ug/kg	3.76	1.13	1	A
Endrin	ND		ug/kg	0.836	0.343	1	A
Endrin aldehyde	ND		ug/kg	2.51	0.877	1	A
Endrin ketone	ND		ug/kg	2.00	0.516	1	A
Dieldrin	ND		ug/kg	1.25	0.627	1	A
4,4'-DDE	ND		ug/kg	2.00	0.464	1	A
4,4'-DDD	ND		ug/kg	2.00	0.715	1	A
4,4'-DDT	ND		ug/kg	2.00	1.61	1	A
Endosulfan I	ND		ug/kg	2.00	0.474	1	A
Endosulfan II	ND		ug/kg	2.00	0.670	1	A
Endosulfan sulfate	ND		ug/kg	0.836	0.398	1	A
Methoxychlor	ND		ug/kg	3.76	1.17	1	A
Toxaphene	ND		ug/kg	37.6	10.5	1	A
cis-Chlordane	9.06	IP	ug/kg	2.51	0.699	1	B
trans-Chlordane	14.1		ug/kg	2.51	0.662	1	A
Chlordane	67.3	IP	ug/kg	16.7	6.64	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-06 Date Collected: 07/15/24 11:00

Client ID: SS-3 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	36		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	38		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-06
Client ID: SS-3
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 11:00
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/20/24 03:58
Analyst: PEG
Percent Solids: 78%
Methylation Date: 07/19/24 19:17

Extraction Method: EPA 8151A
Extraction Date: 07/18/24 13:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	214	13.5	1	A
2,4,5-T	ND		ug/kg	214	6.64	1	A
2,4,5-TP (Silvex)	ND		ug/kg	214	5.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	53		30-150	A
DCAA	54		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-07
Client ID: DUP_07152024_1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 12:00
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/19/24 14:55
Analyst: JAG
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 07/17/24 16:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.18	0.426	1	A
Lindane	ND		ug/kg	0.907	0.405	1	A
Alpha-BHC	ND		ug/kg	0.907	0.257	1	A
Beta-BHC	ND		ug/kg	2.18	0.825	1	A
Heptachlor	ND		ug/kg	1.09	0.488	1	A
Aldrin	ND		ug/kg	2.18	0.766	1	A
Heptachlor epoxide	ND		ug/kg	4.08	1.22	1	A
Endrin	ND		ug/kg	0.907	0.372	1	A
Endrin aldehyde	ND		ug/kg	2.72	0.952	1	A
Endrin ketone	ND		ug/kg	2.18	0.560	1	A
Dieldrin	ND		ug/kg	1.36	0.680	1	A
4,4'-DDE	1.11	JIP	ug/kg	2.18	0.503	1	A
4,4'-DDD	1.50	J	ug/kg	2.18	0.776	1	B
4,4'-DDT	ND		ug/kg	2.18	1.75	1	A
Endosulfan I	ND		ug/kg	2.18	0.514	1	A
Endosulfan II	ND		ug/kg	2.18	0.727	1	A
Endosulfan sulfate	ND		ug/kg	0.907	0.432	1	A
Methoxychlor	ND		ug/kg	4.08	1.27	1	A
Toxaphene	ND		ug/kg	40.8	11.4	1	A
cis-Chlordane	43.0	IP	ug/kg	2.72	0.758	1	B
trans-Chlordane	72.4		ug/kg	2.72	0.718	1	B
Chlordane	431		ug/kg	18.1	7.21	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-07 Date Collected: 07/15/24 12:00

Client ID: DUP_07152024_1 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-07
Client ID: DUP_07152024_1
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 12:00
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/20/24 04:17
Analyst: PEG
Percent Solids: 73%
Methylation Date: 07/19/24 19:17

Extraction Method: EPA 8151A
Extraction Date: 07/18/24 13:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	227	14.3	1	A
2,4,5-T	ND		ug/kg	227	7.03	1	A
2,4,5-TP (Silvex)	ND		ug/kg	227	6.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	42		30-150	A
DCAA	42		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2439730
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-08
Client ID: DUP_07152024_2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 12:05
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/18/24 13:19
Analyst: SID

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 07:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-08 Date Collected: 07/15/24 12:05

Client ID: DUP_07152024_2 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-08
Client ID: DUP_07152024_2
Sample Location: 850 DOBBS FERRY ROAD

Date Collected: 07/15/24 12:05
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/20/24 13:36
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 07/18/24 11:30

Methylation Date: 07/19/24 23:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	90		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/19/24 11:07
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 07/17/24 05:11
Cleanup Method: EPA 3620B
Cleanup Date: 07/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,04,06-07 Batch: WG1947847-1						
Delta-BHC	ND		ug/kg	1.56	0.305	A
Lindane	ND		ug/kg	0.649	0.290	A
Alpha-BHC	ND		ug/kg	0.649	0.184	A
Beta-BHC	ND		ug/kg	1.56	0.590	A
Heptachlor	ND		ug/kg	0.779	0.349	A
Aldrin	ND		ug/kg	1.56	0.548	A
Heptachlor epoxide	ND		ug/kg	2.92	0.876	A
Endrin	ND		ug/kg	0.649	0.266	A
Endrin aldehyde	ND		ug/kg	1.95	0.681	A
Endrin ketone	ND		ug/kg	1.56	0.401	A
Dieldrin	ND		ug/kg	0.973	0.487	A
4,4'-DDE	ND		ug/kg	1.56	0.360	A
4,4'-DDD	ND		ug/kg	1.56	0.555	A
4,4'-DDT	ND		ug/kg	1.56	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.368	A
Endosulfan II	ND		ug/kg	1.56	0.520	A
Endosulfan sulfate	ND		ug/kg	0.649	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.908	A
Toxaphene	ND		ug/kg	29.2	8.18	A
cis-Chlordane	ND		ug/kg	1.95	0.542	A
trans-Chlordane	ND		ug/kg	1.95	0.514	A
Chlordane	ND		ug/kg	13.0	5.16	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/19/24 11:07
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 07/17/24 05:11
Cleanup Method: EPA 3620B
Cleanup Date: 07/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,04,06-07 Batch: WG1947847-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/18/24 11:36
Analyst: SID

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 07:38

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,08 Batch: WG1947912-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin aldehyde	ND		ug/l	0.040	0.008	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/18/24 11:36
Analyst: SID

Extraction Method: EPA 3510C
Extraction Date: 07/17/24 07:38

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,08 Batch: WG1947912-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/20/24 09:37
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 07/18/24 11:30

Methylation Date: 07/19/24 23:34

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03,05,08 Batch: WG1948515-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	111		30-150	A
DCAA	96		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/19/24 22:43
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 07/18/24 13:14

Methylation Date: 07/19/24 19:17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 02,04,06-07 Batch: WG1948592-1						
2,4-D	ND		ug/kg	165	10.4	A
2,4,5-T	ND		ug/kg	165	5.12	A
2,4,5-TP (Silvex)	ND		ug/kg	165	4.39	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	75		30-150	A
DCAA	81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04,06-07 Batch: WG1947847-2 WG1947847-3									
Delta-BHC	100		88		30-150	13		30	A
Lindane	89		79		30-150	12		30	A
Alpha-BHC	96		84		30-150	13		30	A
Beta-BHC	104		94		30-150	10		30	A
Heptachlor	91		82		30-150	10		30	A
Aldrin	91		81		30-150	12		30	A
Heptachlor epoxide	85		76		30-150	11		30	A
Endrin	97		89		30-150	9		30	A
Endrin aldehyde	95		88		30-150	8		30	A
Endrin ketone	98		90		30-150	9		30	A
Dieldrin	101		93		30-150	8		30	A
4,4'-DDE	95		85		30-150	11		30	A
4,4'-DDD	102		93		30-150	9		30	A
4,4'-DDT	98		90		30-150	9		30	A
Endosulfan I	92		84		30-150	9		30	A
Endosulfan II	96		88		30-150	9		30	A
Endosulfan sulfate	94		86		30-150	9		30	A
Methoxychlor	94		87		30-150	8		30	A
cis-Chlordane	88		80		30-150	10		30	A
trans-Chlordane	106		96		30-150	10		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04,06-07 Batch: WG1947847-2 WG1947847-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		73		30-150	A
Decachlorobiphenyl	93		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		76		30-150	B
Decachlorobiphenyl	118		105		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,08 Batch: WG1947912-2 WG1947912-3									
Delta-BHC	77		69		30-150	12		20	A
Lindane	79		71		30-150	11		20	A
Alpha-BHC	82		73		30-150	11		20	A
Beta-BHC	90		79		30-150	13		20	A
Heptachlor	73		65		30-150	12		20	A
Aldrin	74		66		30-150	12		20	A
Heptachlor epoxide	94		73		30-150	**26**	Q	20	A
Endrin	98		72		30-150	**30**	Q	20	A
Endrin aldehyde	**152**	Q	76		30-150	**67**	Q	20	A
Endrin ketone	85		74		30-150	14		20	A
Dieldrin	**153**	Q	79		30-150	**63**	Q	20	A
4,4'-DDE	94		75		30-150	**22**	Q	20	A
4,4'-DDD	93		78		30-150	17		20	A
4,4'-DDT	109		75		30-150	**36**	Q	20	A
Endosulfan I	97		72		30-150	**30**	Q	20	A
Endosulfan II	99		73		30-150	**30**	Q	20	A
Endosulfan sulfate	86		73		30-150	17		20	A
Methoxychlor	128		73		30-150	**55**	Q	20	A
cis-Chlordane	84		69		30-150	19		20	A
trans-Chlordane	88		76		30-150	14		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,08 Batch: WG1947912-2 WG1947912-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		65		30-150	A
Decachlorobiphenyl	86		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		67		30-150	B
Decachlorobiphenyl	91		85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03,05,08 Batch: WG1948515-2 WG1948515-3									
2,4-D	146		127		30-150	14		25	A
2,4,5-T	**156**	Q	138		30-150	12		25	A
2,4,5-TP (Silvex)	149		131		30-150	13		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	135		121		30-150	A
DCAA	141		125		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 02,04,06-07 Batch: WG1948592-2 WG1948592-3									
2,4-D	83		80		30-150	4		30	A
2,4,5-T	85		83		30-150	2		30	A
2,4,5-TP (Silvex)	85		82		30-150	4		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	79		77		30-150	A
DCAA	85		89		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04,06-07 QC Batch ID: WG1947847-4 WG1947847-5 QC Sample: L2439730-02 Client ID: SS-1													
Delta-BHC	ND	42.5	40.5	95		37.1	86		30-150	9		50	A
Lindane	ND	42.5	37.7	89		34.2	79		30-150	10		50	A
Alpha-BHC	ND	42.5	40.0	94		36.5	85		30-150	9		50	A
Beta-BHC	ND	42.5	44.8	105		40.9	95		30-150	9		50	A
Heptachlor	ND	42.5	39.8	94		36.2	84		30-150	9		50	A
Aldrin	ND	42.5	39.0	92		35.3	82		30-150	10		50	A
Heptachlor epoxide	ND	42.5	36.8	87		33.4	77		30-150	10		50	A
Endrin	ND	42.5	41.2	97		37.3	86		30-150	10		50	A
Endrin aldehyde	ND	42.5	39.7	93		35.2	82		30-150	12		50	A
Endrin ketone	ND	42.5	40.3	95		36.3	84		30-150	10		50	A
Dieldrin	ND	42.5	43.8	103		42.3	98		30-150	3		50	A
4,4'-DDE	2.07J	42.5	42.4	100		38.3	89		30-150	10		50	A
4,4'-DDD	ND	42.5	44.3	104		40.2	93		30-150	10		50	A
4,4'-DDT	ND	42.5	41.9	99		38.2	89		30-150	9		50	A
Endosulfan I	ND	42.5	40.7	96		36.2	84		30-150	12		50	A
Endosulfan II	ND	42.5	40.6	96		36.4	84		30-150	11		50	A
Endosulfan sulfate	ND	42.5	37.8	89		34.0	79		30-150	11		50	A
Methoxychlor	ND	42.5	38.7	91		34.8	81		30-150	11		50	A
cis-Chlordane	9.22IP	42.5	45.5	85		43.4	79		30-150	5		50	B
trans-Chlordane	15.3	42.5	53.8	91		51.4	84		30-150	5		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439730
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04,06-07 QC Batch ID: WG1947847-4 WG1947847-5 QC Sample: L2439730-02 Client ID: SS-1

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		83		30-150	A
Decachlorobiphenyl	95		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		82		30-150	B
Decachlorobiphenyl	113		94		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,08 QC Batch ID: WG1947912-4 WG1947912-5 QC Sample: L2439730-05 Client ID: SW-3													
Delta-BHC	ND	0.5	0.381	76		0.343	69		30-150	10		30	A
Lindane	ND	0.5	0.384	77		0.343	69		30-150	11		30	A
Alpha-BHC	ND	0.5	0.396	79		0.351	70		30-150	12		30	A
Beta-BHC	ND	0.5	0.426	85		0.403	81		30-150	6		30	A
Heptachlor	ND	0.5	0.354	71		0.320	64		30-150	10		30	A
Aldrin	ND	0.5	0.351	70		0.317	63		30-150	10		30	A
Heptachlor epoxide	ND	0.5	0.391	78		0.404	81		30-150	3		30	A
Endrin	ND	0.5	0.390	78		0.406	81		30-150	4		30	A
Endrin aldehyde	ND	0.5	0.409	82		0.604	121		30-150	**38**	Q	30	A
Endrin ketone	ND	0.5	0.398	80		0.359	72		30-150	10		30	A
Dieldrin	ND	0.5	0.422	84		0.630	126		30-150	**40**	Q	30	A
4,4'-DDE	ND	0.5	0.377	75		0.363	73		30-150	4		30	A
4,4'-DDD	ND	0.5	0.407	81		0.378	76		30-150	7		30	A
4,4'-DDT	ND	0.5	0.379	76		0.424	85		30-150	11		30	A
Endosulfan I	ND	0.5	0.378	76		0.408	82		30-150	8		30	A
Endosulfan II	ND	0.5	0.397	79		0.409	82		30-150	3		30	A
Endosulfan sulfate	ND	0.5	0.374	75		0.347	69		30-150	7		30	A
Methoxychlor	ND	0.5	0.396	79		0.509	102		30-150	25		30	A
cis-Chlordane	ND	0.5	0.353	71		0.346	69		30-150	2		30	A
trans-Chlordane	ND	0.5	0.398	80		0.368	74		30-150	8		30	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,08 QC Batch ID: WG1947912-4 WG1947912-5 QC Sample: L2439730-05 Client ID: SW-3												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		64		30-150	A
Decachlorobiphenyl	86		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		64		30-150	B
Decachlorobiphenyl	88		72		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03,05,08 QC Batch ID: WG1948515-4 WG1948515-5 QC Sample: L2439730-05 Client ID: SW-3													
2,4-D	ND	5	6.42J	128		5.64J	113		30-150	13		25	A
2,4,5-T	ND	5	7.19	144		5.98	120		30-150	18		25	A
2,4,5-TP (Silvex)	ND	5	6.74	135		5.73	115		30-150	16		25	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	121		102		30-150	A
DCAA	121		102		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 02,04,06-07 QC Batch ID: WG1948592-4 WG1948592-5 QC Sample: L2439730-02 Client ID: SS-1													
2,4-D	ND	222	157J	71		140J	63		30-150	11		30	A
2,4,5-T	ND	222	149J	67		136J	62		30-150	9		30	A
2,4,5-TP (Silvex)	ND	222	148J	67		139J	63		30-150	6		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	72		67		30-150	A
DCAA	78		70		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-01 Date Collected: 07/15/24 09:35

Client ID: SW-1 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0404		mg/l	0.0100	0.00327	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00486		mg/l	0.00050	0.00016	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Barium, Total	0.04524		mg/l	0.00050	0.00017	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Calcium, Total	14.5		mg/l	0.100	0.0394	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Copper, Total	0.00059	J	mg/l	0.00100	0.00038	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Iron, Total	0.101		mg/l	0.0500	0.0191	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Lead, Total	0.00038	J	mg/l	0.00100	0.00034	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Magnesium, Total	5.54		mg/l	0.0700	0.0242	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Manganese, Total	0.02294		mg/l	0.00100	0.00044	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/17/24 17:26	07/19/24 12:55	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Potassium, Total	2.40		mg/l	0.100	0.0309	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Sodium, Total	4.29		mg/l	0.100	0.0293	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/17/24 14:49	07/19/24 11:21	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE
Lab Number: L2439730
Project Number: 3858.0004Y000
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-02
Client ID: SS-1
Sample Location: 850 DOBBS FERRY ROAD
Date Collected: 07/15/24 09:55
Date Received: 07/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3130		mg/kg	10.5	2.84	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	5.25	0.399	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.49		mg/kg	1.05	0.218	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Barium, Total	34.0		mg/kg	1.05	0.183	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.065	J	mg/kg	0.525	0.035	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	1.05	0.103	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Calcium, Total	10100		mg/kg	10.5	3.68	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Chromium, Total	7.78		mg/kg	1.05	0.101	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Cobalt, Total	2.54		mg/kg	2.10	0.174	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Copper, Total	8.43		mg/kg	1.05	0.271	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Iron, Total	6460		mg/kg	5.25	0.948	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Lead, Total	7.17		mg/kg	5.25	0.281	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Magnesium, Total	7570		mg/kg	10.5	1.62	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Manganese, Total	68.9		mg/kg	1.05	0.167	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Mercury, Total	0.070	J	mg/kg	0.086	0.056	1	07/17/24 09:10	07/19/24 10:52	EPA 7471B	1,7471B	MJR
Nickel, Total	6.19		mg/kg	2.62	0.254	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Potassium, Total	757		mg/kg	262	15.1	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	2.10	0.271	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.525	0.297	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Sodium, Total	46.9	J	mg/kg	210	3.31	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	2.10	0.331	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Vanadium, Total	11.0		mg/kg	1.05	0.213	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF
Zinc, Total	62.1		mg/kg	5.25	0.308	2	07/17/24 08:30	07/17/24 11:55	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-03 Date Collected: 07/15/24 10:20

Client ID: SW-2 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0506		mg/l	0.0100	0.00327	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00491		mg/l	0.00050	0.00016	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Barium, Total	0.04599		mg/l	0.00050	0.00017	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Calcium, Total	14.3		mg/l	0.100	0.0394	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00058	J	mg/l	0.00100	0.00017	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Copper, Total	0.00085	J	mg/l	0.00100	0.00038	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Iron, Total	0.121		mg/l	0.0500	0.0191	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Lead, Total	0.00078	J	mg/l	0.00100	0.00034	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Magnesium, Total	5.64		mg/l	0.0700	0.0242	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Manganese, Total	0.02297		mg/l	0.00100	0.00044	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/17/24 17:26	07/19/24 13:09	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Potassium, Total	2.38		mg/l	0.100	0.0309	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Sodium, Total	4.16		mg/l	0.100	0.0293	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF
Zinc, Total	0.00828	J	mg/l	0.01000	0.00341	1	07/17/24 14:49	07/19/24 11:25	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-04 Date Collected: 07/15/24 10:25

Client ID: SS-2 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3360		mg/kg	9.62	2.60	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Antimony, Total	0.382	J	mg/kg	4.81	0.366	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.93		mg/kg	0.962	0.200	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Barium, Total	33.8		mg/kg	0.962	0.167	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.067	J	mg/kg	0.481	0.032	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.962	0.094	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Calcium, Total	4840		mg/kg	9.62	3.37	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Chromium, Total	9.49		mg/kg	0.962	0.092	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Cobalt, Total	2.45		mg/kg	1.92	0.160	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Copper, Total	59.9		mg/kg	0.962	0.248	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Iron, Total	7040		mg/kg	4.81	0.869	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Lead, Total	7.38		mg/kg	4.81	0.258	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Magnesium, Total	4750		mg/kg	9.62	1.48	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Manganese, Total	63.7		mg/kg	0.962	0.153	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Mercury, Total	0.081		mg/kg	0.079	0.052	1	07/17/24 09:10	07/19/24 11:59	EPA 7471B	1,7471B	MJR
Nickel, Total	7.03		mg/kg	2.41	0.233	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Potassium, Total	739		mg/kg	241	13.8	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.92	0.248	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.481	0.272	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Sodium, Total	33.2	J	mg/kg	192	3.03	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.92	0.303	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Vanadium, Total	10.3		mg/kg	0.962	0.195	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF
Zinc, Total	73.4		mg/kg	4.81	0.282	2	07/17/24 08:30	07/19/24 10:58	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-05 Date Collected: 07/15/24 10:50

Client ID: SW-3 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0703		mg/l	0.0100	0.00327	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Antimony, Total	0.00091	J	mg/l	0.00400	0.00042	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00506		mg/l	0.00050	0.00016	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Barium, Total	0.04466		mg/l	0.00050	0.00017	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Calcium, Total	14.5		mg/l	0.100	0.0394	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00043	J	mg/l	0.00100	0.00017	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Copper, Total	0.00071	J	mg/l	0.00100	0.00038	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Iron, Total	0.124		mg/l	0.0500	0.0191	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Lead, Total	0.00056	J	mg/l	0.00100	0.00034	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Magnesium, Total	5.43		mg/l	0.0700	0.0242	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Manganese, Total	0.02547		mg/l	0.00100	0.00044	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/17/24 17:26	07/19/24 12:32	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Potassium, Total	2.50		mg/l	0.100	0.0309	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Sodium, Total	4.07		mg/l	0.100	0.0293	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB
Zinc, Total	0.00457	J	mg/l	0.01000	0.00341	1	07/17/24 14:49	07/18/24 06:42	EPA 3005A	1,6020B	NTB

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-06 Date Collected: 07/15/24 11:00

Client ID: SS-3 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3890		mg/kg	9.71	2.62	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.86	0.369	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.49		mg/kg	0.971	0.202	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Barium, Total	37.2		mg/kg	0.971	0.169	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.091	J	mg/kg	0.486	0.032	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.971	0.095	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Calcium, Total	19300		mg/kg	9.71	3.40	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Chromium, Total	10.2		mg/kg	0.971	0.093	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Cobalt, Total	2.75		mg/kg	1.94	0.161	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Copper, Total	7.48		mg/kg	0.971	0.250	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Iron, Total	7470		mg/kg	4.86	0.877	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Lead, Total	4.26	J	mg/kg	4.86	0.260	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Magnesium, Total	13800		mg/kg	9.71	1.50	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Manganese, Total	89.5		mg/kg	0.971	0.154	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.081	0.053	1	07/17/24 09:10	07/19/24 12:02	EPA 7471B	1,7471B	MJR
Nickel, Total	6.36		mg/kg	2.43	0.235	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Potassium, Total	972		mg/kg	243	14.0	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.94	0.250	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.486	0.275	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Sodium, Total	46.8	J	mg/kg	194	3.06	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.94	0.306	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Vanadium, Total	11.1		mg/kg	0.971	0.197	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF
Zinc, Total	39.7		mg/kg	4.86	0.284	2	07/17/24 08:30	07/19/24 11:02	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-07 Date Collected: 07/15/24 12:00

Client ID: DUP_07152024_1 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6740		mg/kg	10.7	2.89	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	5.34	0.406	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.40		mg/kg	1.07	0.222	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Barium, Total	67.4		mg/kg	1.07	0.186	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.199	J	mg/kg	0.534	0.035	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.125	J	mg/kg	1.07	0.105	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Calcium, Total	27100		mg/kg	10.7	3.74	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Chromium, Total	15.4		mg/kg	1.07	0.103	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.30		mg/kg	2.14	0.177	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Copper, Total	22.1		mg/kg	1.07	0.276	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Iron, Total	12100		mg/kg	5.34	0.965	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Lead, Total	4.83	J	mg/kg	5.34	0.286	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Magnesium, Total	17000		mg/kg	10.7	1.65	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Manganese, Total	161		mg/kg	1.07	0.170	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.087	0.057	1	07/17/24 09:10	07/19/24 12:06	EPA 7471B	1,7471B	MJR
Nickel, Total	13.0		mg/kg	2.67	0.259	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Potassium, Total	2290		mg/kg	267	15.4	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	2.14	0.276	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.534	0.302	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Sodium, Total	56.0	J	mg/kg	214	3.37	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Thallium, Total	0.624	J	mg/kg	2.14	0.337	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Vanadium, Total	20.2		mg/kg	1.07	0.217	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF
Zinc, Total	40.1		mg/kg	5.34	0.313	2	07/17/24 08:30	07/19/24 11:06	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-08 Date Collected: 07/15/24 12:05

Client ID: DUP_07152024_2 Date Received: 07/15/24

Sample Location: 850 DOBBS FERRY ROAD Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0395		mg/l	0.0100	0.00327	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00471		mg/l	0.00050	0.00016	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Barium, Total	0.04662		mg/l	0.00050	0.00017	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Calcium, Total	14.6		mg/l	0.100	0.0394	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Copper, Total	0.00054	J	mg/l	0.00100	0.00038	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Iron, Total	0.0992		mg/l	0.0500	0.0191	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Lead, Total	0.00036	J	mg/l	0.00100	0.00034	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Magnesium, Total	5.67		mg/l	0.0700	0.0242	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Manganese, Total	0.02305		mg/l	0.00100	0.00044	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/17/24 17:26	07/19/24 13:12	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Potassium, Total	2.42		mg/l	0.100	0.0309	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Sodium, Total	4.13		mg/l	0.100	0.0293	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/17/24 14:49	07/19/24 11:30	EPA 3005A	1,6020B	EJF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,04,06-07 Batch: WG1947853-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Iron, Total	0.398	J	mg/kg	2.00	0.361	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Sodium, Total	1.58	J	mg/kg	80.0	1.26	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/17/24 08:30	07/17/24 11:34	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,04,06-07 Batch: WG1947859-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/17/24 09:10	07/19/24 10:45	1,7471B	MJR

Project Name: ELMWOOD PRESERVE **Lab Number:** L2439730

Project Number: 3858.0004Y000 **Report Date:** 07/22/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,08 Batch: WG1948084-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Sodium, Total	ND		mg/l	0.100	0.0293	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/17/24 14:49	07/18/24 06:33	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,08 Batch: WG1948085-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/17/24 17:26	07/19/24 12:25	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06-07 Batch: WG1947853-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	100		-		80-120	-		
Arsenic, Total	98		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	102		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Calcium, Total	101		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Cobalt, Total	100		-		80-120	-		
Copper, Total	101		-		80-120	-		
Iron, Total	101		-		80-120	-		
Lead, Total	99		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	100		-		80-120	-		
Potassium, Total	102		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	103		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	103		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06-07 Batch: WG1947853-2					
Zinc, Total	99	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02,04,06-07 Batch: WG1947859-2					
Mercury, Total	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08 Batch: WG1948084-2					
Aluminum, Total	110	-	80-120	-	
Antimony, Total	87	-	80-120	-	
Arsenic, Total	103	-	80-120	-	
Barium, Total	101	-	80-120	-	
Beryllium, Total	100	-	80-120	-	
Cadmium, Total	103	-	80-120	-	
Calcium, Total	105	-	80-120	-	
Chromium, Total	114	-	80-120	-	
Cobalt, Total	111	-	80-120	-	
Copper, Total	108	-	80-120	-	
Iron, Total	104	-	80-120	-	
Lead, Total	99	-	80-120	-	
Magnesium, Total	107	-	80-120	-	
Manganese, Total	116	-	80-120	-	
Nickel, Total	111	-	80-120	-	
Potassium, Total	114	-	80-120	-	
Selenium, Total	108	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	112	-	80-120	-	
Thallium, Total	99	-	80-120	-	
Vanadium, Total	109	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08 Batch: WG1948084-2					
Zinc, Total	112	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08 Batch: WG1948085-2					
Mercury, Total	99	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439730
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06-07 QC Batch ID: WG1947853-3 WG1947853-4 QC Sample: L2409778-104 Client ID: MS Sample												
Aluminum, Total	2320	155	2330	**6**	Q	2570	**161**	Q	75-125	10		20
Antimony, Total	ND	38.7	37.4	96		36.9	95		75-125	1		20
Arsenic, Total	2.58	9.3	12.5	107		14.4	**127**	Q	75-125	14		20
Barium, Total	25.2	155	173	95		180	100		75-125	4		20
Beryllium, Total	0.048J	3.87	3.96	102		4.00	103		75-125	1		20
Cadmium, Total	ND	4.1	3.82	93		3.89	94		75-125	2		20
Calcium, Total	7490	774	8340	110		6490	**0**	Q	75-125	**25**	Q	20
Chromium, Total	5.76	15.5	20.3	94		20.5	95		75-125	1		20
Cobalt, Total	1.88	38.7	38.2	94		38.0	93		75-125	1		20
Copper, Total	6.24	19.4	27.4	109		31.5	**130**	Q	75-125	14		20
Iron, Total	4780	77.4	5290	**658**	Q	4420	**0**	Q	75-125	18		20
Lead, Total	5.30	41	47.0	102		50.7	110		75-125	8		20
Magnesium, Total	5600	774	6130	**68**	Q	4710	**0**	Q	75-125	**26**	Q	20
Manganese, Total	51.0	38.7	84.4	86		88.5	96		75-125	5		20
Nickel, Total	4.58	38.7	41.1	94		41.1	94		75-125	0		20
Potassium, Total	560	774	1210	84		1250	89		75-125	3		20
Selenium, Total	ND	9.3	10.1	109		10.1	108		75-125	0		20
Silver, Total	ND	3.87	3.91	101		3.84	99		75-125	2		20
Sodium, Total	34.7J	774	843	109		844	109		75-125	0		20
Thallium, Total	ND	9.3	9.27	100		9.34	100		75-125	1		20
Vanadium, Total	8.18	38.7	45.8	97		46.7	99		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439730
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06-07 QC Batch ID: WG1947853-3 WG1947853-4 QC Sample: L2409778-104 Client ID: MS Sample										
Zinc, Total	46.0	38.7	81.9	93	96.3	**129**	Q	75-125	16	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439730
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06-07 QC Batch ID: WG1947853-7 WG1947853-8 QC Sample: L2439730-02 Client ID: SS-1												
Aluminum, Total	3130	209	3150	**10**	Q	3470	**162**	Q	75-125	10		20
Antimony, Total	ND	52.3	50.6	97		49.9	95		75-125	1		20
Arsenic, Total	3.49	12.6	16.8	106		19.5	**127**	Q	75-125	15		20
Barium, Total	34.0	209	234	96		243	100		75-125	4		20
Beryllium, Total	0.065J	5.23	5.36	102		5.40	103		75-125	1		20
Cadmium, Total	ND	5.55	5.16	93		5.25	94		75-125	2		20
Calcium, Total	10100	1050	11300	115		8780	**0**	Q	75-125	**25**	Q	20
Chromium, Total	7.78	20.9	27.4	94		27.8	95		75-125	1		20
Cobalt, Total	2.54	52.3	51.7	94		51.3	93		75-125	1		20
Copper, Total	8.43	26.2	37.1	110		42.6	**130**	Q	75-125	14		20
Iron, Total	6460	105	7150	**659**	Q	5980	**0**	Q	75-125	18		20
Lead, Total	7.17	55.5	63.6	102		68.5	110		75-125	7		20
Magnesium, Total	7570	1050	8290	**69**	Q	6370	**0**	Q	75-125	**26**	Q	20
Manganese, Total	68.9	52.3	114	86		120	97		75-125	5		20
Nickel, Total	6.19	52.3	55.6	94		55.6	94		75-125	0		20
Potassium, Total	757	1050	1630	83		1700	90		75-125	4		20
Selenium, Total	ND	12.6	13.6	108		13.6	108		75-125	0		20
Silver, Total	ND	5.23	5.29	101		5.19	99		75-125	2		20
Sodium, Total	46.9J	1050	1140	109		1140	108		75-125	0		20
Thallium, Total	ND	12.6	12.5	100		12.6	100		75-125	1		20
Vanadium, Total	11.0	52.3	61.9	97		63.1	99		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439730
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06-07 QC Batch ID: WG1947853-7 WG1947853-8 QC Sample: L2439730-02 Client ID: SS-1										
Zinc, Total	62.1	52.3	111	93	130	**129**	Q	75-125	16	20
Total Metals - Mansfield Lab Associated sample(s): 02,04,06-07 QC Batch ID: WG1947859-3 WG1947859-4 QC Sample: L2439730-02 Client ID: SS-1										
Mercury, Total	0.070J	1.71	1.71	100	1.77	103		80-120	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439730
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08 QC Batch ID: WG1948084-3 WG1948084-4 QC Sample: L2439730-05 Client ID: SW-3									
Aluminum, Total	0.0703	2	2.20	106	2.14	103	75-125	3	20
Antimony, Total	0.00091J	0.5	0.4419	88	0.4284	86	75-125	3	20
Arsenic, Total	0.00506	0.12	0.1264	101	0.1207	96	75-125	5	20
Barium, Total	0.04466	2	2.060	101	1.980	97	75-125	4	20
Beryllium, Total	ND	0.05	0.05072	101	0.04745	95	75-125	7	20
Cadmium, Total	ND	0.053	0.05374	101	0.05060	95	75-125	6	20
Calcium, Total	14.5	10	25.4	109	24.0	95	75-125	6	20
Chromium, Total	0.00043J	0.2	0.2249	112	0.2169	108	75-125	4	20
Cobalt, Total	ND	0.5	0.5490	110	0.5308	106	75-125	3	20
Copper, Total	0.00071J	0.25	0.2692	108	0.2595	104	75-125	4	20
Iron, Total	0.124	1	1.16	104	1.11	99	75-125	4	20
Lead, Total	0.00056J	0.53	0.5245	99	0.4915	93	75-125	6	20
Magnesium, Total	5.43	10	16.3	109	15.6	102	75-125	4	20
Manganese, Total	0.02547	0.5	0.6021	115	0.5748	110	75-125	5	20
Nickel, Total	ND	0.5	0.5580	112	0.5424	108	75-125	3	20
Potassium, Total	2.50	10	14.0	115	13.5	110	75-125	4	20
Selenium, Total	ND	0.12	0.132	110	0.132	110	75-125	0	20
Silver, Total	ND	0.05	0.05034	101	0.04801	96	75-125	5	20
Sodium, Total	4.07	10	15.2	111	14.4	103	75-125	5	20
Thallium, Total	ND	0.12	0.1178	98	0.1119	93	75-125	5	20
Vanadium, Total	ND	0.5	0.5331	107	0.5193	104	75-125	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439730
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08 QC Batch ID: WG1948084-3 WG1948084-4 QC Sample: L2439730-05 Client ID: SW-3									
Zinc, Total	0.00457J	0.5	0.5537	111	0.5379	108	75-125	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439730
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08 QC Batch ID: WG1948084-7 WG1948084-8 QC Sample: L2439783-01 Client ID: MS Sample											
Aluminum, Total	0.122	2	2.14	101		2.12	100		75-125	1	20
Antimony, Total	ND	0.5	0.4894	98		0.4947	99		75-125	1	20
Arsenic, Total	0.00561	0.12	0.1258	100		0.1226	97		75-125	3	20
Barium, Total	0.3734	2	2.421	102		2.385	100		75-125	1	20
Beryllium, Total	ND	0.05	0.05010	100		0.05012	100		75-125	0	20
Cadmium, Total	ND	0.053	0.05084	96		0.05145	97		75-125	1	20
Calcium, Total	199.	10	212	**130**	Q	200	**10**	Q	75-125	6	20
Chromium, Total	0.00019J	0.2	0.1877	94		0.1825	91		75-125	3	20
Cobalt, Total	0.00026J	0.5	0.5041	101		0.4730	95		75-125	6	20
Copper, Total	0.00084J	0.25	0.2405	96		0.2355	94		75-125	2	20
Iron, Total	5.55	1	6.49	94		5.96	**41**	Q	75-125	9	20
Lead, Total	0.00059J	0.53	0.5031	95		0.5115	96		75-125	2	20
Magnesium, Total	63.7	10	74.8	111		68.4	**47**	Q	75-125	9	20
Manganese, Total	0.1772	0.5	0.7038	105		0.6677	98		75-125	5	20
Nickel, Total	0.00075J	0.5	0.4769	95		0.4584	92		75-125	4	20
Potassium, Total	28.8	10	39.5	107		37.0	82		75-125	7	20
Selenium, Total	ND	0.12	0.124	103		0.120	100		75-125	3	20
Silver, Total	ND	0.05	0.04812	96		0.04840	97		75-125	1	20
Sodium, Total	1050	10	1050	**0**	Q	1030	**0**	Q	75-125	2	20
Thallium, Total	ND	0.12	0.1130	94		0.1147	96		75-125	1	20
Vanadium, Total	ND	0.5	0.4887	98		0.4880	98		75-125	0	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439730
Report Date: 07/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08 QC Batch ID: WG1948084-7 WG1948084-8 QC Sample: L2439783-01 Client ID: MS Sample									
Zinc, Total	0.00387J	0.5	0.5063	101	0.4913	98	75-125	3	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08 QC Batch ID: WG1948085-3 WG1948085-4 QC Sample: L2439730-05 Client ID: SW-3									
Mercury, Total	ND	0.005	0.00495	99	0.00461	92	75-125	7	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08 QC Batch ID: WG1948085-5 WG1948085-6 QC Sample: L2439783-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00474	95	0.00484	97	75-125	2	20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2439730
Report Date: 07/22/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06-07 QC Batch ID: WG1947853-10 QC Sample: L2439730-02 Client ID: SS-1						
Aluminum, Total	3130	3200	mg/kg	2		20
Barium, Total	34.0	34.4	mg/kg	1		20
Calcium, Total	10100	10600	mg/kg	5		20
Iron, Total	6460	6800	mg/kg	5		20
Magnesium, Total	7570	7900	mg/kg	4		20
Manganese, Total	68.9	70.8	mg/kg	3		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08 QC Batch ID: WG1948084-10 QC Sample: L2439783-01 Client ID: DUP Sample						
Barium, Total	0.3734	0.3806	mg/l	2		20
Calcium, Total	199.	201.	mg/l	1		20
Iron, Total	5.55	5.21	mg/l	6		20
Magnesium, Total	63.7	61.9	mg/l	3		20
Manganese, Total	0.1772	0.1695	mg/l	4		20
Potassium, Total	28.8	27.4	mg/l	5		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08 QC Batch ID: WG1948084-10 QC Sample: L2439783-01 Client ID: DUP Sample						
Sodium, Total	1050	1090	mg/l	4		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2439730
Report Date: 07/22/24

Parameter	Native Sample	Serial Dilution	Units	% D	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08 QC Batch ID: WG1948084-6 QC Sample: L2439730-05 Client ID: SW-3					
Barium, Total	0.04466	0.04662	mg/l	4	20
Calcium, Total	14.5	15.2	mg/l	5	20
Magnesium, Total	5.43	5.69	mg/l	5	20
Manganese, Total	0.02547	0.02659	mg/l	4	20
Potassium, Total	2.50	2.62	mg/l	5	20
Sodium, Total	4.07	4.21	mg/l	3	20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-02
Client ID: SS-1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 07/15/24 09:55
Date Received: 07/15/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.0		%	0.100	NA	1	-	07/17/24 09:02	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-04
Client ID: SS-2
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 07/15/24 10:25
Date Received: 07/15/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.8		%	0.100	NA	1	-	07/17/24 09:02	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-06
Client ID: SS-3
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil

Date Collected: 07/15/24 11:00
Date Received: 07/15/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.6		%	0.100	NA	1	-	07/17/24 09:02	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000
Lab Number: L2439730
Report Date: 07/22/24

SAMPLE RESULTS

Lab ID: L2439730-07
Client ID: DUP_07152024_1
Sample Location: 850 DOBBS FERRY ROAD
Sample Depth:
Matrix: Soil
Date Collected: 07/15/24 12:00
Date Received: 07/15/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.8		%	0.100	NA	1	-	07/17/24 09:02	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: 3858.0004Y000

Lab Number: L2439730

Report Date: 07/22/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02,04,06-07 QC Batch ID: WG1947907-1 QC Sample: L2439730-02 Client ID: SS-1						
Solids, Total	74.0	72.6	%	2		20

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439730
Report Date: 07/22/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2439730-01A	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		FE-6020T(180),BA-6020T(180),TL-6020T(180),SE-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2439730-01B	Amber 1000ml unpreserved	B	7	7	3.2	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-01C	Amber 1000ml unpreserved	B	7	7	3.2	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-01D	Amber 1000ml unpreserved	B	7	7	3.2	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-01E	Amber 1000ml unpreserved	B	7	7	3.2	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-02A	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2439730-02A1	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		BE-TI(180),BA-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2439730-02A2	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		BE-TI(180),BA-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2439730-02B	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439730
Report Date: 07/22/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2439730-02B1	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2439730-02B2	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2439730-02C	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2439730-02C1	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2439730-02C2	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2439730-03A	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2439730-03B	Amber 1000ml unpreserved	B	7	7	3.2	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-03C	Amber 1000ml unpreserved	B	7	7	3.2	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-03D	Amber 1000ml unpreserved	B	7	7	3.2	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-03E	Amber 1000ml unpreserved	B	7	7	3.2	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-04A	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2439730-04B	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2439730-04C	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2439730-05A	Plastic 250ml HNO3 preserved	C	<2	<2	3.3	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439730
Report Date: 07/22/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2439730-05A1	Plastic 250ml HNO3 preserved	C	<2	<2	3.3	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2439730-05B	Amber 1000ml unpreserved	C	7	7	3.3	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-05B1	Amber 1000ml unpreserved	C	7	7	3.3	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-05C	Amber 1000ml unpreserved	C	7	7	3.3	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-05C1	Amber 1000ml unpreserved	C	7	7	3.3	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-05D	Amber 1000ml unpreserved	C	7	7	3.3	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-05D1	Amber 1000ml unpreserved	C	7	7	3.3	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-05E	Amber 1000ml unpreserved	C	7	7	3.3	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-05E1	Amber 1000ml unpreserved	C	7	7	3.3	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-06A	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2439730-06B	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2439730-06C	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2439730-07A	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2439730-07B	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)
L2439730-07C	Glass 250ml/8oz unpreserved	A	NA		5.7	Y	Absent		HERB-APA(14),TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: 3858.0004Y000

Lab Number: L2439730
Report Date: 07/22/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2439730-08A	Plastic 250ml HNO3 preserved	A	<2	<2	5.7	Y	Absent		FE-6020T(180),BA-6020T(180),TL-6020T(180),SE-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)
L2439730-08B	Amber 1000ml unpreserved	A	7	7	5.7	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-08C	Amber 1000ml unpreserved	A	7	7	5.7	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-08D	Amber 1000ml unpreserved	A	7	7	5.7	Y	Absent		HERB-APA(7),NYTCL-8081(7)
L2439730-08E	Amber 1000ml unpreserved	A	7	7	5.7	Y	Absent		HERB-APA(7),NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439730
Project Number:	3858.0004Y000	**Report Date:**	07/22/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439730
Project Number:	3858.0004Y000	**Report Date:**	07/22/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439730
Project Number:	3858.0004Y000	**Report Date:**	07/22/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2439730
Project Number:	3858.0004Y000	**Report Date:**	07/22/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2439730 22JUL24
ROUX – NY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 7/16/24

Client Information

Client: Roux
Address: 209 Shafter Street
Islandia, NY 11749
Phone: (631) 232-2600
Fax: (631) 232-9898
Email: rlombino@rouxinc.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Road, White Plains, NY
Project #: 3858.0004Y000
(Use Project name as Project #) ☐
Project Manager: Ron Lombino
ALPHAQuote #: [redacted]

Turn-Around Time

Standard ☑ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	[redacted]	[redacted]	TAL/Part 375 Metals	[redacted]	TCL/Part 375 Pesticides	TCL/Part 375 Herbicides	[redacted]	[redacted]	Sample Specific Comments	Total Bottle
39730-01	SW-1	7/15/24	0935	W	EL			X		X	X				5
02	SS-1		0955	S	EL			X		X	X			MS/MSD	9
03	SW-2		1020	W	EL			X		X	X				5
04	SS-2		1025	S	EL			X		X	X				3
05	SW-3		1050	W	EL			X		X	X			MS/MSD	15
06	[redacted] SS-3		1100	S	EL			X		X	X				3
07	DUP-07152024-1		1200	S	EL			X		X	X				3
08	DUP-07152024-2		1205	W	EL			X		X	X				5

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Container Type: [redacted] [redacted] A P [redacted] A A [redacted] [redacted]
Preservative: [redacted] [redacted] A [redacted] A A [redacted] [redacted]

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
EL	7/15/24 1500	PACE	7/15/24 15:15
PACE	7/15/24 19:45	Anthony Green	JUL 15 2024 2000
Anthony Green	7/16/24 0300	Tyler Foolath	7/16/24 03:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No. 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2505783
Client:	Terraphase Engineering Inc. 222 International Drive Suite 150 Portsmouth, NH 03801
ATTN:	Nicholas Krasnecky
Phone:	(858) 385-0022
Project Name:	ELMWOOD PRESERVE
Project Number:	CV04.001
Report Date:	03/12/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2505783-01	I13R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 12:10	02/03/25
L2505783-02	I13R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 12:15	02/03/25
L2505783-03	I13R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 12:20	02/03/25
L2505783-04	I13R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 12:22	02/03/25
L2505783-05	I13R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 12:27	02/03/25
L2505783-06	I13R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 12:30	02/03/25
L2505783-07	I13R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 12:25	02/03/25
L2505783-08	I13R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 12:17	02/03/25
L2505783-09	I13R-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 12:12	02/03/25
L2505783-10	FB-250203	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:00	02/03/25
L2505783-11	I09R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 13:52	02/03/25
L2505783-12	I09R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 13:54	02/03/25
L2505783-13	I09R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 13:56	02/03/25
L2505783-14	I09R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 13:58	02/03/25
L2505783-15	I09R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 14:00	02/03/25
L2505783-16	I09R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 14:02	02/03/25
L2505783-17	I09R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 14:04	02/03/25
L2505783-18	I09R-2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 14:06	02/03/25
L2505783-19	I09R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 14:10	02/03/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2505783-20	I09R-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 13:50	02/03/25
L2505783-21	I10R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 14:35	02/03/25
L2505783-22	I10R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 14:38	02/03/25
L2505783-23	I10R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 14:42	02/03/25
L2505783-24	I10R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 14:47	02/03/25
L2505783-25	DUP-17	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 14:50	02/03/25
L2505783-26	I10R-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 14:50	02/03/25
L2505783-27	H08R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 15:10	02/03/25
L2505783-28	H08R-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 15:05	02/03/25
L2505783-29	DUP-13	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 15:10	02/03/25
L2505783-30	F13R-5.5-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:50	02/03/25
L2505783-31	F13R-2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:37	02/03/25
L2505783-32	F13R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:30	02/03/25
L2505783-33	F13R-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:27	02/03/25
L2505783-34	F13R-8-10	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:22	02/03/25
L2505783-35	DUP-16	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 14:10	02/03/25
L2505783-36	I12R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 10:10	02/03/25
L2505783-37	I12R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 10:15	02/03/25
L2505783-38	I12R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 10:30	02/03/25
L2505783-39	I12R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 10:40	02/03/25
L2505783-40	I12R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 10:52	02/03/25
L2505783-41	I12R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 10:56	02/03/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2505783-42	I12R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 10:54	02/03/25
L2505783-43	I12R-2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 10:50	02/03/25
L2505783-44	I12R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 10:45	02/03/25
L2505783-45	I12R-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 10:35	02/03/25
L2505783-46	F13R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:20	02/03/25
L2505783-47	F13R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:25	02/03/25
L2505783-48	F13R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:28	02/03/25
L2505783-49	F13R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:32	02/03/25
L2505783-50	F13R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:35	02/03/25
L2505783-51	F13R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:38	02/03/25
L2505783-52	F13R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:45	02/03/25
L2505783-53	F13R-4-4.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:47	02/03/25
L2505783-54	F13R-4.5-5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:40	02/03/25
L2505783-55	F13R-5-5.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 11:42	02/03/25

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2505783
Project Number:	CV04.001	**Report Date:**	03/12/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2505783
Project Number:	CV04.001	**Report Date:**	03/12/25

Case Narrative (continued)

Report Submission

March 12, 2025: This final report includes the results of all requested analyses. Additional requests will be reported separately.

March 10, 2025: This preliminary report includes the results of the following analyses:

L2505783: Total Chromium and Hexavalent Chromium

February 28, 2025: This preliminary report includes the results of the following analyses:

L2505783-03, -23, -40, -41, -42: Pesticides

L2505783-03, -05, -06, -07, -13, -23 and -38: Total Metals

L2505783-23: Hexavalent Chromium

February 20, 2025: This is a preliminary report. The Prep Method for the Total Mercury analysis has been amended for sample L2505783-02.

February 18, 2025: This preliminary report includes the results of the following analyses:

L2505783-02, -22, -28, -33, -37, -38 and -39: Pesticides

L2505783-02, -04, -12, -22 and -37: Total Metals

L2505783-02 and -22: Hexavalent Chromium

February 10, 2025: This is a preliminary report. Please note that your project has contingency samples on hold. Contact your project manager to request additional analyses within 3 business days of receiving this report. Requests made after this time frame will be reported separately.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2505783-19: Sample containers for Total Metals were received, but not listed on the chain of custody. At the client's request, the analysis was performed.

L2505783-20: Sample containers for Total Metals were received, but not listed on the chain of custody. At the client's request, the analysis was not performed.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2505783
Project Number:	CV04.001	**Report Date:**	03/12/25

Case Narrative (continued)

L2505783-24: The collection date and time on the chain of custody was 03-FEB-25 14:50; however, the collection date/time on the container label was 03-FEB-25 14:47. At the client's request, the collection date/time is reported as 03-FEB-25 14:47.
L2505783-26: The collection date and time on the chain of custody was 03-FEB-25 14:47; however, the collection date/time on the container label was 03-FEB-25 14:50. At the client's request, the collection date/time is reported as 03-FEB-25 14:50.

Total Metals
L2505783-01, -02, -03, -11, -12, -13, -36 and -37: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 03/12/25

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-01
Client ID: I13R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 12:10
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/25 14:27
Analyst: EJL
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/06/25 12:08
Cleanup Method: EPA 3620B
Cleanup Date: 02/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.375	1	A
Lindane	ND		ug/kg	0.797	0.356	1	A
Alpha-BHC	ND		ug/kg	0.797	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.725	1	A
Heptachlor	ND		ug/kg	0.956	0.429	1	A
Aldrin	ND		ug/kg	1.91	0.674	1	A
Heptachlor epoxide	125		ug/kg	3.59	1.08	1	A
Endrin	ND		ug/kg	0.797	0.327	1	A
Endrin aldehyde	ND		ug/kg	2.39	0.837	1	A
Endrin ketone	ND		ug/kg	1.91	0.492	1	A
Dieldrin	594	E	ug/kg	1.20	0.598	1	A
4,4'-DDE	1070	E	ug/kg	1.91	0.442	1	B
4,4'-DDD	84.4	IP	ug/kg	1.91	0.682	1	A
4,4'-DDT	2210	E	ug/kg	1.91	1.54	1	B
Endosulfan I	ND		ug/kg	1.91	0.452	1	A
Endosulfan II	ND		ug/kg	1.91	0.639	1	A
Endosulfan sulfate	ND		ug/kg	0.797	0.379	1	A
Methoxychlor	ND		ug/kg	3.59	1.12	1	A
Toxaphene	ND		ug/kg	35.9	10.0	1	A
cis-Chlordane	65.0	IP	ug/kg	2.39	0.666	1	B
trans-Chlordane	56.2	IP	ug/kg	2.39	0.631	1	A
Chlordane	ND		ug/kg	15.9	6.34	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-01 Date Collected: 02/03/25 12:10

Client ID: I13R-0.5-1 Date Received: 02/03/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	44		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-01 D
Client ID: I13R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 12:10
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/25 15:23
Analyst: EJL
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/06/25 12:08
Cleanup Method: EPA 3620B
Cleanup Date: 02/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	826		ug/kg	59.8	29.9	50	B
4,4'-DDE	3880		ug/kg	95.6	22.1	50	B
4,4'-DDT	13100		ug/kg	95.6	76.9	50	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-02
Client ID: I13R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 12:15
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 05:16
Analyst: EMR
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/12/25 23:07
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Heptachlor epoxide	87.4		ug/kg	3.58	1.08	1	A
Dieldrin	521	E	ug/kg	1.19	0.597	1	B
4,4'-DDE	1890	E	ug/kg	1.91	0.442	1	B
4,4'-DDD	37.8		ug/kg	1.91	0.682	1	B
4,4'-DDT	1920	E	ug/kg	1.91	1.54	1	B
Chlordane	ND		ug/kg	15.9	6.33	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-02 D
Client ID: I13R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 12:15
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/17/25 14:17
Analyst: EJL
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/12/25 23:07
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	473		ug/kg	59.7	29.9	50	B
4,4'-DDE	1820		ug/kg	95.6	22.1	50	B
4,4'-DDT	2020		ug/kg	95.6	76.9	50	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-03
Client ID: I13R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 12:20
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/25/25 14:44
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/16/25 14:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Heptachlor epoxide	4.83		ug/kg	3.42	1.02	1	A
Dieldrin	33.3		ug/kg	1.14	0.569	1	A
4,4'-DDE	209		ug/kg	1.82	0.421	1	A
4,4'-DDD	ND		ug/kg	1.82	0.650	1	A
4,4'-DDT	97.9		ug/kg	1.82	1.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-10
Client ID: FB-250203
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 11:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 02/04/25 18:09
Analyst: JAG
Extraction Method: EPA 3510C
Extraction Date: 02/04/25 09:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-10 Date Collected: 02/03/25 11:00

Client ID: FB-250203 Date Received: 02/03/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	60		30-150	B
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	75		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-11
Client ID: I09R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 13:52
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/05/25 17:23
Analyst: JAG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 23:40
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.393	1	A
Lindane	ND		ug/kg	0.836	0.374	1	A
Alpha-BHC	ND		ug/kg	0.836	0.237	1	A
Beta-BHC	ND		ug/kg	2.00	0.760	1	A
Heptachlor	ND		ug/kg	1.00	0.450	1	A
Aldrin	ND		ug/kg	2.00	0.706	1	A
Heptachlor epoxide	ND		ug/kg	3.76	1.13	1	A
Endrin	ND		ug/kg	0.836	0.343	1	A
Endrin aldehyde	ND		ug/kg	2.51	0.878	1	A
Endrin ketone	ND		ug/kg	2.00	0.516	1	A
Dieldrin	2.34		ug/kg	1.25	0.627	1	A
4,4'-DDE	20.6		ug/kg	2.00	0.464	1	B
4,4'-DDD	ND		ug/kg	2.00	0.715	1	A
4,4'-DDT	ND		ug/kg	2.00	1.61	1	A
Endosulfan I	ND		ug/kg	2.00	0.474	1	A
Endosulfan II	ND		ug/kg	2.00	0.670	1	A
Endosulfan sulfate	ND		ug/kg	0.836	0.398	1	A
Methoxychlor	ND		ug/kg	3.76	1.17	1	A
Toxaphene	ND		ug/kg	37.6	10.5	1	A
cis-Chlordane	2.89	IP	ug/kg	2.51	0.699	1	B
trans-Chlordane	2.27	J	ug/kg	2.51	0.662	1	B
Chlordane	ND		ug/kg	16.7	6.64	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-11 Date Collected: 02/03/25 13:52

Client ID: I09R-0.5-1 Date Received: 02/03/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-18
Client ID: I09R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 14:06
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/05/25 16:38
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 23:40
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.755	0.338	1	A
Alpha-BHC	ND		ug/kg	0.755	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.687	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.755	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.793	1	A
Endrin ketone	ND		ug/kg	1.81	0.467	1	A
Dieldrin	ND		ug/kg	1.13	0.566	1	A
4,4'-DDE	ND		ug/kg	1.81	0.419	1	A
4,4'-DDD	ND		ug/kg	1.81	0.646	1	A
4,4'-DDT	ND		ug/kg	1.81	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.606	1	A
Endosulfan sulfate	ND		ug/kg	0.755	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.52	1	A
cis-Chlordane	ND		ug/kg	2.26	0.631	1	A
trans-Chlordane	ND		ug/kg	2.26	0.598	1	A
Chlordane	ND		ug/kg	15.1	6.00	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-18 Date Collected: 02/03/25 14:06

Client ID: I09R-2-4 Date Received: 02/03/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-21
Client ID: I10R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 14:35
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/05/25 16:48
Analyst: JAG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 23:40
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.96	0.385	1	A
Lindane	ND		ug/kg	0.819	0.366	1	A
Alpha-BHC	ND		ug/kg	0.819	0.232	1	A
Beta-BHC	ND		ug/kg	1.96	0.745	1	A
Heptachlor	ND		ug/kg	0.982	0.440	1	A
Aldrin	ND		ug/kg	1.96	0.692	1	A
Heptachlor epoxide	11.8	IP	ug/kg	3.68	1.10	1	A
Endrin	ND		ug/kg	0.819	0.336	1	A
Endrin aldehyde	ND		ug/kg	2.46	0.860	1	A
Endrin ketone	ND		ug/kg	1.96	0.506	1	A
Dieldrin	113		ug/kg	1.23	0.614	1	B
4,4'-DDE	67.5		ug/kg	1.96	0.454	1	B
4,4'-DDD	ND		ug/kg	1.96	0.701	1	A
4,4'-DDT	ND		ug/kg	1.96	1.58	1	A
Endosulfan I	ND		ug/kg	1.96	0.464	1	A
Endosulfan II	ND		ug/kg	1.96	0.656	1	A
Endosulfan sulfate	ND		ug/kg	0.819	0.390	1	A
Methoxychlor	ND		ug/kg	3.68	1.15	1	A
Toxaphene	ND		ug/kg	36.8	10.3	1	A
cis-Chlordane	20.5	IP	ug/kg	2.46	0.684	1	B
trans-Chlordane	9.87	IP	ug/kg	2.46	0.648	1	A
Chlordane	135		ug/kg	16.4	6.51	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-21 Date Collected: 02/03/25 14:35

Client ID: I10R-0.5-1 Date Received: 02/03/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-22
Client ID: I10R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 14:38
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 05:29
Analyst: EMR
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/12/25 23:07
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	213		ug/kg	1.20	0.598	1	B
4,4'-DDE	132		ug/kg	1.91	0.442	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-23
Client ID: I10R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 14:42
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/25/25 14:56
Analyst: MEO
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/16/25 14:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	116		ug/kg	1.15	0.575	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-24
Client ID: I10R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 14:47
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/25 03:56
Analyst: JAG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 20:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.89	0.370	1	A
Lindane	ND		ug/kg	0.788	0.352	1	A
Alpha-BHC	ND		ug/kg	0.788	0.224	1	A
Beta-BHC	ND		ug/kg	1.89	0.717	1	A
Heptachlor	ND		ug/kg	0.945	0.424	1	A
Aldrin	ND		ug/kg	1.89	0.666	1	A
Heptachlor epoxide	ND		ug/kg	3.54	1.06	1	A
Endrin	ND		ug/kg	0.788	0.323	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.827	1	A
Endrin ketone	ND		ug/kg	1.89	0.487	1	A
Dieldrin	ND		ug/kg	1.18	0.591	1	A
4,4'-DDE	ND		ug/kg	1.89	0.437	1	A
4,4'-DDD	ND		ug/kg	1.89	0.674	1	A
4,4'-DDT	ND		ug/kg	1.89	1.52	1	A
Endosulfan I	ND		ug/kg	1.89	0.447	1	A
Endosulfan II	ND		ug/kg	1.89	0.632	1	A
Endosulfan sulfate	ND		ug/kg	0.788	0.375	1	A
Methoxychlor	ND		ug/kg	3.54	1.10	1	A
Toxaphene	ND		ug/kg	35.4	9.93	1	A
cis-Chlordane	ND		ug/kg	2.36	0.659	1	A
trans-Chlordane	ND		ug/kg	2.36	0.624	1	A
Chlordane	ND		ug/kg	15.8	6.26	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-24 Date Collected: 02/03/25 14:47

Client ID: I10R-4-6 Date Received: 02/03/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-27
Client ID: H08R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 15:10
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/05/25 16:58
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 23:40
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.338	1	A
Lindane	ND		ug/kg	0.720	0.322	1	A
Alpha-BHC	ND		ug/kg	0.720	0.204	1	A
Beta-BHC	ND		ug/kg	1.73	0.655	1	A
Heptachlor	ND		ug/kg	0.864	0.387	1	A
Aldrin	ND		ug/kg	1.73	0.608	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.972	1	A
Endrin	ND		ug/kg	0.720	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.756	1	A
Endrin ketone	ND		ug/kg	1.73	0.445	1	A
Dieldrin	ND		ug/kg	1.08	0.540	1	A
4,4'-DDE	5.45		ug/kg	1.73	0.399	1	A
4,4'-DDD	ND		ug/kg	1.73	0.616	1	A
4,4'-DDT	9.82		ug/kg	1.73	1.39	1	B
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.577	1	A
Endosulfan sulfate	ND		ug/kg	0.720	0.343	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.07	1	A
cis-Chlordane	22.4	IP	ug/kg	2.16	0.602	1	B
trans-Chlordane	26.6		ug/kg	2.16	0.570	1	A
Chlordane	132		ug/kg	14.4	5.72	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-27 Date Collected: 02/03/25 15:10

Client ID: H08R-4-6 Date Received: 02/03/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	107		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-28
Client ID: H08R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 15:05
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 05:41
Analyst: EMR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/12/25 23:07
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	ND		ug/kg	1.73	0.400	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-29
Client ID: DUP-13
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 15:10
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/05/25 17:08
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 23:40
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.338	1	A
Lindane	ND		ug/kg	0.719	0.321	1	A
Alpha-BHC	ND		ug/kg	0.719	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.654	1	A
Heptachlor	ND		ug/kg	0.863	0.387	1	A
Aldrin	ND		ug/kg	1.72	0.608	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.971	1	A
Endrin	ND		ug/kg	0.719	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.755	1	A
Endrin ketone	ND		ug/kg	1.72	0.444	1	A
Dieldrin	ND		ug/kg	1.08	0.539	1	A
4,4'-DDE	4.26		ug/kg	1.72	0.399	1	A
4,4'-DDD	ND		ug/kg	1.72	0.616	1	A
4,4'-DDT	ND		ug/kg	1.72	1.39	1	A
Endosulfan I	ND		ug/kg	1.72	0.408	1	A
Endosulfan II	ND		ug/kg	1.72	0.577	1	A
Endosulfan sulfate	ND		ug/kg	0.719	0.342	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.06	1	A
cis-Chlordane	12.6	IP	ug/kg	2.16	0.601	1	B
trans-Chlordane	13.4		ug/kg	2.16	0.570	1	A
Chlordane	85.2		ug/kg	14.4	5.72	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-29 Date Collected: 02/03/25 15:10

Client ID: DUP-13 Date Received: 02/03/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	109		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	106		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-31
Client ID: F13R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 11:37
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/05/25 17:19
Analyst: JAG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 23:40
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.98	0.387	1	A
Lindane	ND		ug/kg	0.823	0.368	1	A
Alpha-BHC	ND		ug/kg	0.823	0.234	1	A
Beta-BHC	ND		ug/kg	1.98	0.749	1	A
Heptachlor	ND		ug/kg	0.988	0.443	1	A
Aldrin	ND		ug/kg	1.98	0.696	1	A
Heptachlor epoxide	ND		ug/kg	3.70	1.11	1	A
Endrin	ND		ug/kg	0.823	0.337	1	A
Endrin aldehyde	ND		ug/kg	2.47	0.864	1	A
Endrin ketone	ND		ug/kg	1.98	0.509	1	A
Dieldrin	ND		ug/kg	1.23	0.617	1	A
4,4'-DDE	3.07		ug/kg	1.98	0.457	1	B
4,4'-DDD	ND		ug/kg	1.98	0.705	1	A
4,4'-DDT	ND		ug/kg	1.98	1.59	1	A
Endosulfan I	ND		ug/kg	1.98	0.467	1	A
Endosulfan II	ND		ug/kg	1.98	0.660	1	A
Endosulfan sulfate	ND		ug/kg	0.823	0.392	1	A
Methoxychlor	ND		ug/kg	3.70	1.15	1	A
Toxaphene	ND		ug/kg	37.0	10.4	1	A
cis-Chlordane	67.6	IP	ug/kg	2.47	0.688	1	B
trans-Chlordane	82.5		ug/kg	2.47	0.652	1	B
Chlordane	687		ug/kg	16.5	6.54	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-31 Date Collected: 02/03/25 11:37

Client ID: F13R-2-4 Date Received: 02/03/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	111		30-150	A
Decachlorobiphenyl	106		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-32
Client ID: F13R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 11:30
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/25 03:19
Analyst: JAG
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 20:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.17	0.426	1	A
Lindane	ND		ug/kg	0.906	0.405	1	A
Alpha-BHC	ND		ug/kg	0.906	0.257	1	A
Beta-BHC	ND		ug/kg	2.17	0.824	1	A
Heptachlor	ND		ug/kg	1.09	0.487	1	A
Aldrin	ND		ug/kg	2.17	0.765	1	A
Heptachlor epoxide	ND		ug/kg	4.08	1.22	1	A
Endrin	ND		ug/kg	0.906	0.371	1	A
Endrin aldehyde	ND		ug/kg	2.72	0.951	1	A
Endrin ketone	ND		ug/kg	2.17	0.560	1	A
Dieldrin	ND		ug/kg	1.36	0.679	1	A
4,4'-DDE	18.2		ug/kg	2.17	0.503	1	A
4,4'-DDD	8.64		ug/kg	2.17	0.775	1	B
4,4'-DDT	ND		ug/kg	2.17	1.75	1	A
Endosulfan I	ND		ug/kg	2.17	0.513	1	A
Endosulfan II	ND		ug/kg	2.17	0.726	1	A
Endosulfan sulfate	ND		ug/kg	0.906	0.431	1	A
Methoxychlor	ND		ug/kg	4.08	1.27	1	A
Toxaphene	ND		ug/kg	40.8	11.4	1	A
cis-Chlordane	159	IP	ug/kg	2.72	0.757	1	B
trans-Chlordane	260		ug/kg	2.72	0.717	1	B
Chlordane	1880	E	ug/kg	18.1	7.20	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-32 Date Collected: 02/03/25 11:30

Client ID: F13R-4-6 Date Received: 02/03/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-32 D
Client ID: F13R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 11:30
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/25 22:17
Analyst: EJL
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 20:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Chlordane	1530		ug/kg	90.6	36.0	5	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-33
Client ID: F13R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 11:27
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 14:53
Analyst: JAG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 13:08
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	ND		ug/kg	1.82	0.420	1	A
4,4'-DDD	ND		ug/kg	1.82	0.648	1	A
Chlordane	ND		ug/kg	15.1	6.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-36
Client ID: I12R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 10:10
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/08/25 15:14
Analyst: PEG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 21:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.350	1	A
Lindane	ND		ug/kg	0.744	0.332	1	A
Alpha-BHC	ND		ug/kg	0.744	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.677	1	A
Heptachlor	ND		ug/kg	0.892	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.628	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.744	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.781	1	A
Endrin ketone	ND		ug/kg	1.78	0.460	1	A
Dieldrin	258		ug/kg	1.12	0.558	1	B
4,4'-DDE	68.0		ug/kg	1.78	0.413	1	A
4,4'-DDD	ND		ug/kg	1.78	0.636	1	A
4,4'-DDT	6.62	IP	ug/kg	1.78	1.44	1	B
Endosulfan I	ND		ug/kg	1.78	0.422	1	A
Endosulfan II	ND		ug/kg	1.78	0.596	1	A
Endosulfan sulfate	ND		ug/kg	0.744	0.354	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.37	1	A
cis-Chlordane	9.65	IP	ug/kg	2.23	0.622	1	B
trans-Chlordane	15.1		ug/kg	2.23	0.589	1	B
Chlordane	ND		ug/kg	14.9	5.91	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-36 Date Collected: 02/03/25 10:10

Client ID: I12R-0.5-1 Date Received: 02/03/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-37
Client ID: I12R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 10:15
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 05:54
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/12/25 23:07
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	63.3		ug/kg	1.13	0.564	1	B
4,4'-DDE	37.4		ug/kg	1.81	0.418	1	B
4,4'-DDT	8.83		ug/kg	1.81	1.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-38
Client ID: I12R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 10:30
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 06:06
Analyst: EMR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/12/25 23:07
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	31.2		ug/kg	1.13	0.563	1	B
4,4'-DDE	28.4		ug/kg	1.80	0.417	1	B
4,4'-DDT	8.13		ug/kg	1.80	1.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-39
Client ID: I12R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 10:40
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 06:19
Analyst: EMR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/12/25 23:07
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	2.39		ug/kg	1.05	0.524	1	B
4,4'-DDE	1.29	J	ug/kg	1.68	0.387	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-40
Client ID: I12R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 10:52
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/25/25 15:09
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/16/25 14:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	0.717	J	ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-41
Client ID: I12R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 10:56
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/25/25 15:21
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/16/25 14:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	ND		ug/kg	1.09	0.544	1	B
4,4'-DDE	ND		ug/kg	1.74	0.403	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-42
Client ID: I12R-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 10:54
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/25/25 19:06
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/16/25 14:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.390	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-46
Client ID: F13R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 11:20
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/08/25 15:26
Analyst: PEG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 21:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.694	0.310	1	A
Alpha-BHC	ND		ug/kg	0.694	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	1.40	IP	ug/kg	0.832	0.373	1	B
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	186		ug/kg	3.12	0.936	1	B
Endrin	ND		ug/kg	0.694	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.429	1	A
Dieldrin	5.87		ug/kg	1.04	0.520	1	B
4,4'-DDE	36.2		ug/kg	1.66	0.385	1	A
4,4'-DDD	ND		ug/kg	1.66	0.594	1	A
4,4'-DDT	22.9		ug/kg	1.66	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.694	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.971	1	A
Toxaphene	ND		ug/kg	31.2	8.74	1	A
cis-Chlordane	126	IP	ug/kg	2.08	0.580	1	B
trans-Chlordane	148		ug/kg	2.08	0.549	1	B
Chlordane	941		ug/kg	13.9	5.51	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-46 Date Collected: 02/03/25 11:20

Client ID: F13R-0.5-1 Date Received: 02/03/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/04/25 17:34
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 02/04/25 09:19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 10 Batch: WG2026473-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/04/25 17:34
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 02/04/25 09:19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 10 Batch: WG2026473-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	80		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/05/25 08:03
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 02/04/25 23:40
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11,18,21,27,29,31 Batch: WG2026804-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.654	0.292	A
Alpha-BHC	ND		ug/kg	0.654	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.595	A
Heptachlor	ND		ug/kg	0.784	0.352	A
Aldrin	ND		ug/kg	1.57	0.552	A
Heptachlor epoxide	ND		ug/kg	2.94	0.882	A
Endrin	ND		ug/kg	0.654	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.686	A
Endrin ketone	ND		ug/kg	1.57	0.404	A
Dieldrin	ND		ug/kg	0.980	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.559	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.370	A
Endosulfan II	ND		ug/kg	1.57	0.524	A
Endosulfan sulfate	ND		ug/kg	0.654	0.311	A
Methoxychlor	ND		ug/kg	2.94	0.915	A
Toxaphene	ND		ug/kg	29.4	8.24	A
cis-Chlordane	ND		ug/kg	1.96	0.546	A
trans-Chlordane	ND		ug/kg	1.96	0.518	A
Chlordane	ND		ug/kg	13.1	5.20	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/05/25 08:03
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 02/04/25 23:40
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11,18,21,27,29,31 Batch: WG2026804-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/07/25 02:42
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 02/05/25 20:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 24,32 Batch: WG2027210-1						
Delta-BHC	ND		ug/kg	1.52	0.297	A
Lindane	ND		ug/kg	0.632	0.282	A
Alpha-BHC	ND		ug/kg	0.632	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.575	A
Heptachlor	ND		ug/kg	0.758	0.340	A
Aldrin	ND		ug/kg	1.52	0.534	A
Heptachlor epoxide	ND		ug/kg	2.84	0.853	A
Endrin	ND		ug/kg	0.632	0.259	A
Endrin aldehyde	ND		ug/kg	1.90	0.664	A
Endrin ketone	ND		ug/kg	1.52	0.391	A
Dieldrin	ND		ug/kg	0.948	0.474	A
4,4'-DDE	ND		ug/kg	1.52	0.351	A
4,4'-DDD	ND		ug/kg	1.52	0.541	A
4,4'-DDT	ND		ug/kg	1.52	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.358	A
Endosulfan II	ND		ug/kg	1.52	0.507	A
Endosulfan sulfate	ND		ug/kg	0.632	0.301	A
Methoxychlor	ND		ug/kg	2.84	0.885	A
Toxaphene	ND		ug/kg	28.4	7.96	A
cis-Chlordane	ND		ug/kg	1.90	0.528	A
trans-Chlordane	ND		ug/kg	1.90	0.501	A
Chlordane	ND		ug/kg	12.6	5.02	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/07/25 02:42
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 02/05/25 20:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 24,32 Batch: WG2027210-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/10/25 14:17
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 02/06/25 12:08
Cleanup Method: EPA 3620B
Cleanup Date: 02/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG2027505-1						
Delta-BHC	ND		ug/kg	1.53	0.299	A
Lindane	ND		ug/kg	0.636	0.284	A
Alpha-BHC	ND		ug/kg	0.636	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.579	A
Heptachlor	ND		ug/kg	0.763	0.342	A
Aldrin	ND		ug/kg	1.53	0.538	A
Heptachlor epoxide	ND		ug/kg	2.86	0.859	A
Endrin	ND		ug/kg	0.636	0.261	A
Endrin aldehyde	ND		ug/kg	1.91	0.668	A
Endrin ketone	ND		ug/kg	1.53	0.393	A
Dieldrin	ND		ug/kg	0.954	0.477	A
4,4'-DDE	ND		ug/kg	1.53	0.353	A
4,4'-DDD	ND		ug/kg	1.53	0.544	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.361	A
Endosulfan II	ND		ug/kg	1.53	0.510	A
Endosulfan sulfate	ND		ug/kg	0.636	0.303	A
Methoxychlor	ND		ug/kg	2.86	0.890	A
Toxaphene	ND		ug/kg	28.6	8.02	A
cis-Chlordane	ND		ug/kg	1.91	0.532	A
trans-Chlordane	ND		ug/kg	1.91	0.504	A
Chlordane	ND		ug/kg	12.7	5.06	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/10/25 14:17
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 02/06/25 12:08
Cleanup Method: EPA 3620B
Cleanup Date: 02/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG2027505-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/08/25 14:40
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 02/07/25 18:54
Cleanup Method: EPA 3620B
Cleanup Date: 02/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 36,46 Batch: WG2028018-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.651	0.291	A
Alpha-BHC	ND		ug/kg	0.651	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.592	A
Heptachlor	ND		ug/kg	0.781	0.350	A
Aldrin	ND		ug/kg	1.56	0.550	A
Heptachlor epoxide	ND		ug/kg	2.93	0.879	A
Endrin	ND		ug/kg	0.651	0.267	A
Endrin aldehyde	ND		ug/kg	1.95	0.684	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.976	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDD	ND		ug/kg	1.56	0.557	A
4,4'-DDT	ND		ug/kg	1.56	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.522	A
Endosulfan sulfate	ND		ug/kg	0.651	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.911	A
Toxaphene	ND		ug/kg	29.3	8.20	A
cis-Chlordane	ND		ug/kg	1.95	0.544	A
trans-Chlordane	ND		ug/kg	1.95	0.516	A
Chlordane	ND		ug/kg	13.0	5.18	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/08/25 14:40
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 02/07/25 18:54
Cleanup Method: EPA 3620B
Cleanup Date: 02/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 36,46 Batch: WG2028018-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/14/25 04:39
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 02/12/25 23:07
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,22,28,37-39 Batch: WG2029649-1						
Heptachlor epoxide	ND		ug/kg	3.00	0.899	A
Dieldrin	ND		ug/kg	0.999	0.500	A
4,4'-DDE	ND		ug/kg	1.60	0.370	A
4,4'-DDD	ND		ug/kg	1.60	0.570	A
4,4'-DDT	ND		ug/kg	1.60	1.28	A
Chlordane	ND		ug/kg	13.3	5.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/13/25 23:41
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 02/13/25 08:29
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 33 Batch: WG2029804-1						
4,4'-DDE	ND		ug/kg	1.54	0.357	A
4,4'-DDD	ND		ug/kg	1.54	0.550	A
Chlordane	ND		ug/kg	12.8	5.11	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	60		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 10 Batch: WG2026473-2 WG2026473-3									
Delta-BHC	55		59		30-150	7		20	A
Lindane	73		74		30-150	2		20	A
Alpha-BHC	74		75		30-150	2		20	A
Beta-BHC	72		70		30-150	3		20	A
Heptachlor	70		69		30-150	1		20	A
Aldrin	68		67		30-150	2		20	A
Heptachlor epoxide	68		69		30-150	2		20	A
Endrin	68		70		30-150	2		20	A
Endrin aldehyde	59		59		30-150	1		20	A
Endrin ketone	70		71		30-150	2		20	A
Dieldrin	72		73		30-150	1		20	A
4,4'-DDE	68		68		30-150	0		20	A
4,4'-DDD	71		73		30-150	2		20	A
4,4'-DDT	68		69		30-150	2		20	A
Endosulfan I	65		67		30-150	2		20	A
Endosulfan II	67		68		30-150	1		20	A
Endosulfan sulfate	62		64		30-150	2		20	A
Methoxychlor	65		67		30-150	3		20	A
cis-Chlordane	63		64		30-150	2		20	A
trans-Chlordane	88		77		30-150	14		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 10 Batch: WG2026473-2 WG2026473-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		76		30-150	B
Decachlorobiphenyl	69		73		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		75		30-150	A
Decachlorobiphenyl	75		77		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11,18,21,27,29,31 Batch: WG2026804-2 WG2026804-3									
Delta-BHC	**167**	Q	**156**	Q	30-150	7		30	A
Lindane	91		85		30-150	7		30	A
Alpha-BHC	94		87		30-150	8		30	A
Beta-BHC	91		85		30-150	7		30	A
Heptachlor	70		64		30-150	9		30	A
Aldrin	89		83		30-150	7		30	A
Heptachlor epoxide	84		78		30-150	7		30	A
Endrin	95		88		30-150	8		30	A
Endrin aldehyde	82		75		30-150	9		30	A
Endrin ketone	91		85		30-150	7		30	A
Dieldrin	104		97		30-150	7		30	A
4,4'-DDE	101		94		30-150	7		30	A
4,4'-DDD	97		90		30-150	7		30	A
4,4'-DDT	84		78		30-150	7		30	A
Endosulfan I	92		87		30-150	6		30	A
Endosulfan II	89		84		30-150	6		30	A
Endosulfan sulfate	83		78		30-150	6		30	A
Methoxychlor	83		77		30-150	8		30	A
cis-Chlordane	96		89		30-150	8		30	A
trans-Chlordane	87		80		30-150	8		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11,18,21,27,29,31 Batch: WG2026804-2 WG2026804-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		79		30-150	A
Decachlorobiphenyl	87		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		74		30-150	B
Decachlorobiphenyl	93		86		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 24,32 Batch: WG2027210-2 WG2027210-3									
Delta-BHC	74		80		30-150	8		30	A
Lindane	77		82		30-150	6		30	A
Alpha-BHC	80		85		30-150	6		30	A
Beta-BHC	76		80		30-150	5		30	A
Heptachlor	78		83		30-150	6		30	A
Aldrin	74		80		30-150	8		30	A
Heptachlor epoxide	64		70		30-150	9		30	A
Endrin	76		82		30-150	8		30	A
Endrin aldehyde	60		67		30-150	11		30	A
Endrin ketone	76		83		30-150	9		30	A
Dieldrin	80		86		30-150	7		30	A
4,4'-DDE	73		80		30-150	9		30	A
4,4'-DDD	80		86		30-150	7		30	A
4,4'-DDT	77		84		30-150	9		30	A
Endosulfan I	72		78		30-150	8		30	A
Endosulfan II	75		82		30-150	9		30	A
Endosulfan sulfate	71		77		30-150	8		30	A
Methoxychlor	73		79		30-150	8		30	A
cis-Chlordane	70		77		30-150	10		30	A
trans-Chlordane	85		92		30-150	8		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 24,32 Batch: WG2027210-2 WG2027210-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		79		30-150	A
Decachlorobiphenyl	70		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		74		30-150	B
Decachlorobiphenyl	67		72		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG2027505-2 WG2027505-3									
Delta-BHC	45		75		30-150	**50**	Q	30	A
Lindane	47		80		30-150	**52**	Q	30	A
Alpha-BHC	48		82		30-150	**52**	Q	30	A
Beta-BHC	46		74		30-150	**47**	Q	30	A
Heptachlor	47		76		30-150	**47**	Q	30	A
Aldrin	46		78		30-150	**52**	Q	30	A
Heptachlor epoxide	39		66		30-150	**51**	Q	30	A
Endrin	50		83		30-150	**50**	Q	30	A
Endrin aldehyde	40		64		30-150	**46**	Q	30	A
Endrin ketone	50		79		30-150	**45**	Q	30	A
Dieldrin	47		78		30-150	**50**	Q	30	A
4,4'-DDE	44		74		30-150	**51**	Q	30	A
4,4'-DDD	50		82		30-150	**48**	Q	30	A
4,4'-DDT	50		82		30-150	**48**	Q	30	A
Endosulfan I	45		75		30-150	**50**	Q	30	A
Endosulfan II	47		77		30-150	**48**	Q	30	A
Endosulfan sulfate	46		74		30-150	**47**	Q	30	A
Methoxychlor	45		70		30-150	**43**	Q	30	A
cis-Chlordane	45		72		30-150	**46**	Q	30	A
trans-Chlordane	50		80		30-150	**46**	Q	30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG2027505-2 WG2027505-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		76		30-150	A
Decachlorobiphenyl	55		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		75		30-150	B
Decachlorobiphenyl	45		72		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 36,46 Batch: WG2028018-2 WG2028018-3									
Delta-BHC	94		91		30-150	3		30	A
Lindane	101		95		30-150	6		30	A
Alpha-BHC	99		98		30-150	1		30	A
Beta-BHC	92		91		30-150	1		30	A
Heptachlor	98		96		30-150	2		30	A
Aldrin	96		94		30-150	2		30	A
Heptachlor epoxide	85		81		30-150	5		30	A
Endrin	104		102		30-150	2		30	A
Endrin aldehyde	75		76		30-150	1		30	A
Endrin ketone	101		99		30-150	2		30	A
Dieldrin	98		95		30-150	3		30	A
4,4'-DDE	93		91		30-150	2		30	A
4,4'-DDD	104		102		30-150	2		30	A
4,4'-DDT	109		105		30-150	4		30	A
Endosulfan I	93		92		30-150	1		30	A
Endosulfan II	97		94		30-150	3		30	A
Endosulfan sulfate	94		91		30-150	3		30	A
Methoxychlor	90		85		30-150	6		30	A
cis-Chlordane	91		89		30-150	2		30	A
trans-Chlordane	100		98		30-150	2		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 36,46 Batch: WG2028018-2 WG2028018-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		82		30-150	A
Decachlorobiphenyl	97		98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		81		30-150	B
Decachlorobiphenyl	81		79		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,22,28,37-39 Batch: WG2029649-2 WG2029649-3									
Heptachlor epoxide	80		86		30-150	7		30	A
Dieldrin	98		106		30-150	8		30	A
4,4'-DDE	87		96		30-150	10		30	A
4,4'-DDD	98		106		30-150	8		30	A
4,4'-DDT	91		99		30-150	8		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		97		30-150	A
Decachlorobiphenyl	69		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		94		30-150	B
Decachlorobiphenyl	63		69		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 33 Batch: WG2029804-2 WG2029804-3									
4,4'-DDE	72		80		30-150	11		30	A
4,4'-DDD	78		86		30-150	10		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		70		30-150	A
Decachlorobiphenyl	67		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		70		30-150	B
Decachlorobiphenyl	60		69		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 24,32 QC Batch ID: WG2027210-4 WG2027210-5 QC Sample: L2505783-32 Client ID: F13R-4-6													
Delta-BHC	ND	43.2	33.7	78		37.8	85		30-150	11		50	A
Lindane	ND	43.2	36.6	85		35.7	80		30-150	2		50	A
Alpha-BHC	ND	43.2	39.8	92		42.4	95		30-150	6		50	A
Beta-BHC	ND	43.2	30.7	71		36.1P	81		30-150	16		50	A
Heptachlor	ND	43.2	41.6	96		45.6	102		30-150	9		50	A
Aldrin	ND	43.2	29.3	68		31.6	71		30-150	8		50	A
Heptachlor epoxide	ND	43.2	26.1	60		27.9	63		30-150	7		50	A
Endrin	ND	43.2	33.1	77		36.7	82		30-150	10		50	A
Endrin aldehyde	ND	43.2	28.1	65		31.0	70		30-150	10		50	A
Endrin ketone	ND	43.2	34.5	80		37.9	85		30-150	9		50	A
Dieldrin	ND	43.2	46.1	107		56.0	126		30-150	19		50	A
4,4'-DDE	18.2	43.2	49.3	72		57.0	87		30-150	14		50	A
4,4'-DDD	8.64	43.2	43.7	81		49.1	91		30-150	12		50	B
4,4'-DDT	ND	43.2	35.6	82		39.6	89		30-150	11		50	A
Endosulfan I	ND	43.2	36.3	84		44.0	99		30-150	19		50	A
Endosulfan II	ND	43.2	35.0	81		40.2	90		30-150	14		50	A
Endosulfan sulfate	ND	43.2	31.1	72		34.3	77		30-150	10		50	A
Methoxychlor	ND	43.2	31.7	73		36.1	81		30-150	13		50	A
cis-Chlordane	159IP	43.2	148	**0**	Q	207	108		30-150	33		50	B
trans-Chlordane	260	43.2	237	**0**	Q	322	139		30-150	30		50	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 24,32 QC Batch ID: WG2027210-4 WG2027210-5 QC Sample: L2505783-32 Client ID: F13R-4-6												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		77		30-150	A
Decachlorobiphenyl	68		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		74		30-150	B
Decachlorobiphenyl	72		73		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-01 Date Collected: 02/03/25 12:10

Client ID: I13R-0.5-1 Date Received: 02/03/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	138		mg/kg	0.952	0.411	2	02/07/25 02:23	02/07/25 17:51	EPA 3050B	1,6010D	JMF
Chromium, Total	78.0		mg/kg	0.952	0.807	2	02/07/25 02:23	02/07/25 17:51	EPA 3050B	1,6010D	JMF
Lead, Total	106		mg/kg	4.76	0.226	2	02/07/25 02:23	02/07/25 17:51	EPA 3050B	1,6010D	JMF
Mercury, Total	0.734		mg/kg	0.088	0.057	1	02/07/25 02:54	02/09/25 18:59	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-02 Date Collected: 02/03/25 12:15

Client ID: I13R-1-1.5 Date Received: 02/03/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	154		mg/kg	0.916	0.396	2	02/14/25 13:09	02/17/25 14:45	EPA 3050B	1,6010D	DMC
Chromium, Total	70.1		mg/kg	0.916	0.777	2	02/14/25 13:09	02/17/25 14:45	EPA 3050B	1,6010D	DMC
Lead, Total	93.1		mg/kg	4.58	0.218	2	02/14/25 13:09	02/17/25 14:45	EPA 3050B	1,6010D	DMC
Mercury, Total	0.658		mg/kg	0.091	0.060	1	02/14/25 13:44	02/17/25 07:17	EPA 7471B	1,7471B	CME

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-03
Client ID: I13R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 12:20
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	8.78		mg/kg	0.908	0.392	2	02/26/25 14:56	02/28/25 12:40	EPA 3050B	1,6010D	CEY
Chromium, Total	25.5		mg/kg	0.908	0.770	2	02/26/25 14:56	02/28/25 12:40	EPA 3050B	1,6010D	CEY
Lead, Total	12.2		mg/kg	4.54	0.216	2	02/26/25 14:56	02/28/25 12:40	EPA 3050B	1,6010D	CEY
Mercury, Total	0.067	J	mg/kg	0.087	0.057	1	02/26/25 16:08	02/27/25 12:25	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-04
Client ID: I13R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 12:22
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Nickel, Total	13.1		mg/kg	2.25	0.728	2	02/15/25 14:28	02/16/25 18:51	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-05
Client ID: I13R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 12:27
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Nickel, Total	14.5		mg/kg	2.22	0.719	2	02/26/25 14:56	02/28/25 12:46	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-06
Client ID: I13R-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 12:30
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Nickel, Total	17.6		mg/kg	2.22	0.719	2	02/26/25 14:56	02/28/25 12:52	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-07
Client ID: I13R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 12:25
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Nickel, Total	14.8		mg/kg	2.29	0.740	2	02/26/25 14:56	02/28/25 12:57	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-10
Client ID: FB-250203
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 11:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	02/05/25 08:08	02/05/25 12:04	EPA 3005A	1,6010D	JMF
Chromium, Total	ND		mg/l	0.0100	0.0021	1	02/05/25 08:08	02/05/25 12:04	EPA 3005A	1,6010D	JMF
Lead, Total	ND		mg/l	0.0100	0.0027	1	02/05/25 08:08	02/05/25 12:04	EPA 3005A	1,6010D	JMF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/05/25 09:07	02/05/25 13:25	EPA 7470A	1,7470A	CME
Nickel, Total	ND		mg/l	0.0250	0.0024	1	02/05/25 08:08	02/05/25 12:04	EPA 3005A	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-11
Client ID: I09R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 13:52
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	24.3		mg/kg	0.962	0.416	2	02/07/25 02:23	02/07/25 17:55	EPA 3050B	1,6010D	JMF
Mercury, Total	1.72		mg/kg	0.091	0.059	1	02/07/25 02:54	02/09/25 19:08	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-12
Client ID: I09R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 13:54
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	28.5		mg/kg	0.985	0.426	2	02/15/25 14:28	02/16/25 18:59	EPA 3050B	1,6010D	DHL
Mercury, Total	1.99		mg/kg	0.099	0.064	1	02/15/25 13:28	02/16/25 15:42	EPA 7471B	1,7471B	CME

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-13
Client ID: I09R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 13:56
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	15.3		mg/kg	0.932	0.403	2	02/26/25 14:56	02/28/25 13:44	EPA 3050B	1,6010D	CEY
Mercury, Total	0.966		mg/kg	0.095	0.062	1	02/26/25 16:08	02/27/25 12:28	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-19
Client ID: I09R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 14:10
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.081	0.053	1	02/07/25 02:54	02/09/25 19:12	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-21
Client ID: I10R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 14:35
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	98.6		mg/kg	0.963	0.416	2	02/07/25 02:23	02/07/25 17:58	EPA 3050B	1,6010D	JMF
Chromium, Total	70.0		mg/kg	0.963	0.816	2	02/07/25 02:23	02/07/25 17:58	EPA 3050B	1,6010D	JMF

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-22
Client ID: I10R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 14:38
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	76.7		mg/kg	0.964	0.416	2	02/15/25 14:28	02/16/25 19:08	EPA 3050B	1,6010D	DHL
Chromium, Total	53.2		mg/kg	0.964	0.818	2	02/15/25 14:28	02/16/25 19:08	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-23
Client ID: I10R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 14:42
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	46.0		mg/kg	0.921	0.398	2	02/26/25 14:56	02/28/25 13:50	EPA 3050B	1,6010D	CEY
Chromium, Total	41.7		mg/kg	0.921	0.781	2	02/26/25 14:56	02/28/25 13:50	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-36 Date Collected: 02/03/25 10:10

Client ID: I12R-0.5-1 Date Received: 02/03/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	67.0		mg/kg	0.922	0.398	2	02/07/25 02:23	02/07/25 18:02	EPA 3050B	1,6010D	JMF
Chromium, Total	30.8		mg/kg	0.922	0.782	2	02/07/25 02:23	02/07/25 18:02	EPA 3050B	1,6010D	JMF
Lead, Total	22.2		mg/kg	4.61	0.219	2	02/07/25 02:23	02/07/25 18:02	EPA 3050B	1,6010D	JMF
Mercury, Total	0.336		mg/kg	0.086	0.056	1	02/07/25 02:54	02/09/25 19:15	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-37
Client ID: I12R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 10:15
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	12.7		mg/kg	0.912	0.394	2	02/15/25 13:36	02/16/25 19:13	EPA 3050B	1,6010D	DHL
Mercury, Total	0.282		mg/kg	0.091	0.060	1	02/15/25 13:28	02/16/25 15:46	EPA 7471B	1,7471B	CME

Project Name: ELMWOOD PRESERVE
Lab Number: L2505783
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-38
Client ID: I12R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 10:30
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.084	0.055	1	02/27/25 18:01	02/28/25 07:46	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 10 Batch: WG2026935-1										
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	02/05/25 08:08	02/05/25 11:51	1,6010D	JMF
Chromium, Total	ND		mg/l	0.0100	0.0021	1	02/05/25 08:08	02/05/25 11:51	1,6010D	JMF
Lead, Total	ND		mg/l	0.0100	0.0027	1	02/05/25 08:08	02/05/25 11:51	1,6010D	JMF
Nickel, Total	ND		mg/l	0.0250	0.0024	1	02/05/25 08:08	02/05/25 11:51	1,6010D	JMF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 10 Batch: WG2026938-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/05/25 09:07	02/05/25 12:58	1,7470A	CME

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,11,21,36 Batch: WG2027639-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/07/25 02:23	02/07/25 17:09	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/07/25 02:23	02/07/25 17:09	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.095	1	02/07/25 02:23	02/07/25 17:09	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,11,19,36 Batch: WG2027640-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/07/25 02:54	02/09/25 18:32	1,7471B	TAA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG2030374-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/14/25 13:09	02/17/25 14:38	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/14/25 13:09	02/17/25 14:38	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.095	1	02/14/25 13:09	02/17/25 14:38	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG2030378-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/14/25 13:44	02/17/25 07:00	1,7471B	CME

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 04,12,22,37 Batch: WG2030612-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/15/25 14:28	02/16/25 17:53	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/15/25 14:28	02/16/25 17:53	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.323	1	02/15/25 14:28	02/16/25 17:53	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 12,37 Batch: WG2030614-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/15/25 13:28	02/16/25 15:26	1,7471B	CME

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03,05-07,13,23 Batch: WG2034420-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/26/25 14:56	02/28/25 12:06	1,6010D	CEY
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/26/25 14:56	02/28/25 12:06	1,6010D	CEY
Lead, Total	ND		mg/kg	2.00	0.095	1	02/26/25 14:56	02/28/25 12:06	1,6010D	CEY
Nickel, Total	ND		mg/kg	1.00	0.323	1	02/26/25 14:56	02/28/25 12:06	1,6010D	CEY

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03,13 Batch: WG2034423-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/26/25 16:08	02/27/25 12:09	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 38 Batch: WG2034869-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/27/25 18:01	02/28/25 07:40	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10 Batch: WG2026935-2								
Arsenic, Total	99		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Lead, Total	95		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 10 Batch: WG2026938-2								
Mercury, Total	96		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01,11,21,36 Batch: WG2027639-2								
Arsenic, Total	97		-		80-120	-		
Chromium, Total	98		-		80-120	-		
Lead, Total	99		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01,11,19,36 Batch: WG2027640-2								
Mercury, Total	98		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG2030374-2								
Arsenic, Total	105		-		80-120	-		
Chromium, Total	106		-		80-120	-		
Lead, Total	105		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG2030378-2					
Mercury, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 04,12,22,37 Batch: WG2030612-2					
Arsenic, Total	99	-	80-120	-	
Chromium, Total	96	-	80-120	-	
Nickel, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 12,37 Batch: WG2030614-2					
Mercury, Total	99	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 03,05-07,13,23 Batch: WG2034420-2					
Arsenic, Total	101	-	80-120	-	
Chromium, Total	99	-	80-120	-	
Lead, Total	98	-	80-120	-	
Nickel, Total	99	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 03,13 Batch: WG2034423-2					
Mercury, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 38 Batch: WG2034869-2					
Mercury, Total	94	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10 QC Batch ID: WG2026935-3 QC Sample: L2505593-01 Client ID: MS Sample												
Arsenic, Total	ND	0.12	0.119	99		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.202	101		-	-		75-125	-		20
Lead, Total	ND	0.53	0.502	95		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.497	99		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 10 QC Batch ID: WG2026938-3 QC Sample: L2506000-01 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00470	94		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01,11,21,36 QC Batch ID: WG2027639-3 QC Sample: L2506452-01 Client ID: MS Sample												
Arsenic, Total	1.47	9.93	10.6	92		-	-		75-125	-		20
Chromium, Total	16.7	16.6	29.1	75		-	-		75-125	-		20
Lead, Total	37.6	43.9	80.6	98		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01,11,19,36 QC Batch ID: WG2027640-3 QC Sample: L2506452-01 Client ID: MS Sample												
Mercury, Total	0.095	1.49	1.52	96		-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG2030374-3 QC Sample: L2507466-01 Client ID: MS Sample												
Arsenic, Total	2.30	10	11.9	96		-	-		75-125	-		20
Chromium, Total	2.84	16.7	20.4	105		-	-		75-125	-		20
Lead, Total	1.29J	44.2	46.5	105		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG2030378-3 QC Sample: L2507466-01 Client ID: MS Sample												
Mercury, Total	ND	1.63	1.62	100		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04,12,22,37 QC Batch ID: WG2030612-3 QC Sample: L2508522-01 Client ID: MS Sample										
Arsenic, Total	2.30	10.5	10.7	80		-	-	75-125	-	20
Chromium, Total	16.7	17.5	30.4	78		-	-	75-125	-	20
Nickel, Total	30.7	43.7	68.7	87		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 12,37 QC Batch ID: WG2030614-3 QC Sample: L2508522-01 Client ID: MS Sample										
Mercury, Total	ND	1.82	1.94	107		-	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 03,05-07,13,23 QC Batch ID: WG2034420-3 QC Sample: L2509029-01 Client ID: MS Sample										
Arsenic, Total	10.5	10.6	17.6	**67**	Q	-	-	75-125	-	20
Chromium, Total	22.5	17.6	31.2	**49**	Q	-	-	75-125	-	20
Lead, Total	50.3	46.6	70.8	**44**	Q	-	-	75-125	-	20
Nickel, Total	18.5	44	55.7	84		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 03,13 QC Batch ID: WG2034423-3 QC Sample: L2509029-01 Client ID: MS Sample										
Mercury, Total	0.127	1.6	1.74	100		-	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 38 QC Batch ID: WG2034869-3 QC Sample: L2505783-38 Client ID: I12R-1.5-2										
Mercury, Total	ND	1.55	1.49	96		-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10 QC Batch ID: WG2026935-4 QC Sample: L2505593-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 10 QC Batch ID: WG2026938-4 QC Sample: L2506000-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01,11,21,36 QC Batch ID: WG2027639-4 QC Sample: L2506452-01 Client ID: DUP Sample						
Arsenic, Total	1.47	1.40	mg/kg	5		20
Chromium, Total	16.7	13.5	mg/kg	**21**	Q	20
Lead, Total	37.6	43.9	mg/kg	15		20
Total Metals - Mansfield Lab Associated sample(s): 01,11,19,36 QC Batch ID: WG2027640-4 QC Sample: L2506452-01 Client ID: DUP Sample						
Mercury, Total	0.095	0.076	mg/kg	**22**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG2030374-4 QC Sample: L2507466-01 Client ID: DUP Sample						
Arsenic, Total	2.30	2.15	mg/kg	7		20
Chromium, Total	2.84	2.89	mg/kg	2		20
Lead, Total	1.29J	1.55J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG2030378-4 QC Sample: L2507466-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04,12,22,37 QC Batch ID: WG2030612-4 QC Sample: L2508522-01 Client ID: DUP Sample						
Arsenic, Total	2.30	1.54	mg/kg	**40**	Q	20
Chromium, Total	16.7	11.0	mg/kg	**41**	Q	20
Nickel, Total	30.7	26.3	mg/kg	15		20
Total Metals - Mansfield Lab Associated sample(s): 12,37 QC Batch ID: WG2030614-4 QC Sample: L2508522-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 03,05-07,13,23 QC Batch ID: WG2034420-4 QC Sample: L2509029-01 Client ID: DUP Sample						
Arsenic, Total	10.5	9.96	mg/kg	5		20
Chromium, Total	22.5	19.4	mg/kg	15		20
Lead, Total	50.3	43.6	mg/kg	14		20
Total Metals - Mansfield Lab Associated sample(s): 03,13 QC Batch ID: WG2034423-4 QC Sample: L2509029-01 Client ID: DUP Sample						
Mercury, Total	0.127	0.221	mg/kg	**54**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 38 QC Batch ID: WG2034869-4 QC Sample: L2505783-38 Client ID: I12R-1.5-2						
Mercury, Total	ND	0.181	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-01
Client ID: I13R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/03/25 12:10
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI
Chromium, Hexavalent	0.305	J	mg/kg	0.976	0.195	1	02/04/25 09:45	02/04/25 13:17	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-02
Client ID: I13R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 12:15
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	02/12/25 08:44	121,2540G	ROI
Chromium, Hexavalent	0.303	J	mg/kg	0.968	0.194	1	02/17/25 11:14	02/18/25 08:32	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-03
Client ID: I13R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/03/25 12:20
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	02/21/25 18:17	121,2540G	SJB
Chromium, Hexavalent	ND		mg/kg	0.954	0.191	1	03/03/25 14:04	03/04/25 07:42	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-04
Client ID: I13R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 12:22
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	02/12/25 08:44	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-05
Client ID: I13R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/03/25 12:27
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	02/21/25 18:17	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-06
Client ID: I13R-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 12:30
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	02/21/25 18:17	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-07
Client ID: I13R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 12:25
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	02/21/25 18:17	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-10
Client ID: FB-250203
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Water

Date Collected: 02/03/25 11:00
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	02/04/25 06:25	02/04/25 06:37	1,7196A	KAF

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-11
Client ID: I09R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 13:52
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-12
Client ID: I09R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/03/25 13:54
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.1		%	0.100	NA	1	-	02/12/25 08:44	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-13
Client ID: I09R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 13:56
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	02/21/25 18:17	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-18
Client ID: I09R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 14:06
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-19
Client ID: I09R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 14:10
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	02/04/25 17:19	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-21
Client ID: I10R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 14:35
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.9		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.989	0.198	1	02/04/25 09:45	02/04/25 13:17	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-22
Client ID: I10R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/03/25 14:38
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	02/12/25 08:44	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.980	0.196	1	02/17/25 11:14	02/18/25 08:32	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-23
Client ID: I10R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/03/25 14:42
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	02/21/25 18:17	121,2540G	SJB
Chromium, Hexavalent	ND		mg/kg	0.968	0.194	1	02/25/25 10:03	02/26/25 05:29	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-24
Client ID: I10R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 14:47
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-27
Client ID: H08R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 15:10
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-28
Client ID: H08R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/03/25 15:05
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.1		%	0.100	NA	1	-	02/12/25 08:44	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-29
Client ID: DUP-13
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/03/25 15:10
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-31
Client ID: F13R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 11:37
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.4		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-32
Client ID: F13R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 11:30
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.6		%	0.100	NA	1	-	02/04/25 17:19	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-33
Client ID: F13R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 11:27
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	02/12/25 08:44	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-36
Client ID: I12R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 10:10
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.941	0.188	1	02/04/25 09:45	02/04/25 13:17	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-37
Client ID: I12R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 10:15
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	02/12/25 08:44	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-38
Client ID: I12R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 10:30
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	02/12/25 08:44	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-39
Client ID: I12R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 10:40
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	02/12/25 08:44	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-40
Client ID: I12R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 10:52
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	02/21/25 20:25	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-41
Client ID: I12R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 10:56
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	02/21/25 20:25	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-42
Client ID: I12R-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/03/25 10:54
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	02/21/25 20:25	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2505783-46
Client ID: F13R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 11:20
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI

Project Name: ELMWOOD PRESERVE **Lab Number:** L2505783

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 10 Batch: WG2026424-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	02/04/25 06:25	02/04/25 06:36	1,7196A	KAF
General Chemistry - Westborough Lab for sample(s): 01,21,36 Batch: WG2026488-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/04/25 09:45	02/04/25 13:17	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 02,22 Batch: WG2030910-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/17/25 11:14	02/18/25 08:32	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 23 Batch: WG2033801-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/25/25 10:03	02/26/25 05:29	1,7196A	DTH
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG2036079-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	03/03/25 14:04	03/04/25 07:42	1,7196A	RDS

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 10 Batch: WG2026424-2								
Chromium, Hexavalent	100		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01,21,36 Batch: WG2026488-2								
Chromium, Hexavalent	105		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,22 Batch: WG2030910-2								
Chromium, Hexavalent	94		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 23 Batch: WG2033801-2								
Chromium, Hexavalent	111		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG2036079-2								
Chromium, Hexavalent	87		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 10 QC Batch ID: WG2026424-4 QC Sample: L2505783-10 Client ID: FB-250203												
Chromium, Hexavalent	ND	0.1	0.096	96		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01,21,36 QC Batch ID: WG2026488-4 QC Sample: L2505783-01 Client ID: I13R-0.5-1												
Chromium, Hexavalent	0.305J	1690	1480	88		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 02,22 QC Batch ID: WG2030910-4 QC Sample: L2505783-02 Client ID: I13R-1-1.5												
Chromium, Hexavalent	0.303J	1330	1220	92		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 23 QC Batch ID: WG2033801-4 QC Sample: L2505783-23 Client ID: I10R-1.5-2												
Chromium, Hexavalent	ND	1480	1450	98		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG2036079-4 QC Sample: L2505783-03 Client ID: I13R-1.5-2												
Chromium, Hexavalent	ND	1350	1260	93		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 10 QC Batch ID: WG2026424-3 QC Sample: L2505783-10 Client ID: FB-250203						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01,21,36 QC Batch ID: WG2026488-6 QC Sample: L2505783-01 Client ID: I13R-0.5-1						
Chromium, Hexavalent	0.305J	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01,11,18,21,24,27,29,31,36,46 QC Batch ID: WG2026509-1 QC Sample: L2505704-01 Client ID: DUP Sample						
Solids, Total	93.7	93.9	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 19,32 QC Batch ID: WG2026741-1 QC Sample: L2505783-32 Client ID: F13R-4-6						
Solids, Total	72.6	79.8	%	9		20
- Associated sample(s): 02,04,12,22,28,33,37-39 QC Batch ID: WG2029271-1 QC Sample: L2507451-05 Client ID: DUP Sample						
Solids, Total	44.6	45.5	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 02,22 QC Batch ID: WG2030910-6 QC Sample: L2505783-02 Client ID: I13R-1-1.5						
Chromium, Hexavalent	0.303J	0.363J	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 03,05-07,13,23 QC Batch ID: WG2032841-1 QC Sample: L2505783-03 Client ID: I13R-1.5-2						
Solids, Total	83.9	84.0	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 40-42 QC Batch ID: WG2032851-1 QC Sample: L2505783-40 Client ID: I12R-2.5-3						
Solids, Total	90.9	90.3	%	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001

Lab Number: L2505783

Report Date: 03/12/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 23 QC Batch ID: WG2033801-6 QC Sample: L2505783-23 Client ID: I10R-1.5-2					
Chromium, Hexavalent	ND	ND	mg/kg	NC	20
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG2036079-6 QC Sample: L2505783-03 Client ID: I13R-1.5-2					
Chromium, Hexavalent	ND	ND	mg/kg	NC	20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2505783-01A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2505783-01B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		AS-TI(180),CR-TI(180),PB-TI(180),HG-T(28)
L2505783-01C	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2505783-02A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		TS(7)
L2505783-02B	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		AS-TI(180),CR-TI(180),PB-TI(180),HG-T(28)
L2505783-02C	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8081(14),HEXCR-7196(30)
L2505783-03A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		TS(7)
L2505783-03B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		AS-TI(180),CR-TI(180),PB-TI(180),HG-T(28)
L2505783-03C	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14),NYTCL-8081(14),HEXCR-7196(30)
L2505783-04A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NI-TI(180)
L2505783-04B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		TS(7)
L2505783-05A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NI-TI(180)
L2505783-05B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		TS(7)
L2505783-06A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NI-TI(180)
L2505783-06B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		TS(7)
L2505783-07A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NI-TI(180)
L2505783-07B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		TS(7)
L2505783-08A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-METAL(180)
L2505783-08B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HOLD-WETCHEM()
L2505783-09A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2505783-09B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HOLD-WETCHEM()
L2505783-10A	Amber 100ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8081-RVT(7)
L2505783-10B	Amber 100ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8081-RVT(7)
L2505783-10C	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		AS-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),HG-T(28)
L2505783-10D	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		HEXCR-7196(1)
L2505783-11A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		AS-TI(180),HG-T(28)
L2505783-11B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-12A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		AS-TI(180),HG-T(28)
L2505783-12B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		TS(7),HOLD-8081(14)
L2505783-13A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		AS-TI(180),HG-T(28)
L2505783-13B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		TS(7),HOLD-8081(14)
L2505783-14A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-15A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-16A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-17A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-18A	Plastic 2oz unpreserved for TS	B	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-19A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-WETCHEM(),TS(7),HOLD-8081(14)
L2505783-19B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HG-T(28)
L2505783-20A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-20B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		ARCHIVE()
L2505783-21A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		AS-TI(180),CR-TI(180)
L2505783-21B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2505783-21C	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2505783-22A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		AS-TI(180),CR-TI(180)
L2505783-22B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2505783-22C	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2505783-23A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		AS-TI(180),CR-TI(180)
L2505783-23B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2505783-23C	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14),TS(7),HEXCR-7196(30)
L2505783-24A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-25A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-26A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-27A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-28A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-29A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-30A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-31A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-32A	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-32A1	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-32A2	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-33A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-34A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-34C	Glass 250ml/8oz unpreserved	B	NA		2.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14)
L2505783-35A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-36A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		AS-TI(180),CR-TI(180),PB-TI(180),HG-T(28)
L2505783-36B	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2505783-36C	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2505783-37A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		AS-TI(180),HG-T(28)
L2505783-37B	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-37C	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-38A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HG-T(28)
L2505783-38B	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-38C	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-39A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-40A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2505783
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2505783-40C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		S-EXT-NY/NJ/PA-8081(14),NYTCL-8081(14)
L2505783-41A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		TS(7)
L2505783-41C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		S-EXT-NY/NJ/PA-8081(14),NYTCL-8081(14)
L2505783-42A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		TS(7)
L2505783-42C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		S-EXT-NY/NJ/PA-8081(14),NYTCL-8081(14)
L2505783-43A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-44A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-44C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		S-EXT-NY/NJ/PA-8081(14)
L2505783-45A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-45C	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		S-EXT-NY/NJ/PA-8081(14)
L2505783-46A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		TS(7),NYTCL-8081(14)
L2505783-47A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-48A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-49A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-50A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-51A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-52A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-53A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-54A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2505783-55A	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2505783
Project Number:	CV04.001	**Report Date:**	03/12/25

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2505783
Project Number:	CV04.001	**Report Date:**	03/12/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2505783
Project Number:	CV04.001	**Report Date:**	03/12/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2505783
Report Date: 03/12/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2505783

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

#	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 +7196	Arsenic	Total + Hexchrome	Lead	Mercury	Nickel	Lab Use Only	Sample Comment	Preservation non-conformance identified for sample
1	I13R-0.5-1	SS	G			2/3/25	1210	3						X		X	X	X	X				
2	I13R-1-1.5						1215	3						X		X	X	X	X			Hold	
3	I13R-1.5-2						1220	3						X		X	X	X	X			Hold	
4	I13R-2-2.5						1222	2									X			X		Hold	
5	I13R-2.5-3						1227	2									X			X		Hold	
6	I13R-3-3.5						1230	2									X			X		Hold	
7	I13R-3.5-4		V				1235	2									X			X		Hold	
8	I13R-4-6		C				1217	2									X			X		Hold	
9	I13R-6-8	V	C				1212	2									X			X		Hold	
10	FB-250203	AQ	G			V	1100	4						X		X	X	X	X	X			

Additional instructions from Pace®:

Collected By: Printed Name: Marie Mueller Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

	Date/Time		Date/Time
Relinquished by/Company: (Signature)	2/3/25 1540	Received by/Company: (Signature)	2-3-25 1540
Relinquished by/Company: (Signature) SSMT	2-3-25 1934	Received by/Company: (Signature) Anthony Green	FEB 03 2025 2150
Relinquished by/Company: (Signature) Anthony Green	2/4/25 0045	Received by/Company: (Signature)	2/4/25 0045
Relinquished by/Company: (Signature)	2/4/25 0255	Received by/Company: (Signature)	2/4 0255

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

L2505783

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC

Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Blooslid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome (6010/7470 + 7196)	Arsenic	Mercury	Sample Comment
11	I09R-0.5-1	SS				2/3/25	1352	2						X		X	X	~~Hold~~ Run
12	I09R-1-1.5						1354	2						X		X	X	Hold
13	I09R-1.5-2						1356	2						X		X	X	Hold
14	I09R-2-2.5						1358	1						X				Hold
15	I09R-2.5-3						1400	1						X				Hold
16	I09R-3-3.5						1402	1						X				Hold
17	I09R-3.5-4						1404	1						X				Hold
18	I09R-2-4						1406	1						X				
19	I09R-4-6						1410	1						X				Hold
20	I09R-6-8						1550	1						X				Hold

Additional Instructions from Pace®:

Collected By: Printed Name: Mike Mueller Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
MEI	2/3/25 1540	SSMI	2-3-25 1540
SSMI	2-3-25 1934	Anthony Green	FEB 03 2025 2150
Anthony Green	2/4/25 0045		2/4/25 0045
	2/4/25 0255		2/4 0255

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

L2505783

Pace® Location Requested (City/State): Westborough, MA

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____ — Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No — Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Std. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Arsenic	Total + Hexchrom	Sample Comment
21 I10R-0.5-1	SS	G			2/3/25	1435	3						X		X	X	
22 I10R-1-1.5		G				1458	3						X		X	X	hold
23 I10R-1.5-2		G				1442	3						X		X	X	hold
24 I10R-4-6		C				1458	1						X				~~hold~~ RUSH
25 DUP-17		C				1450	1						X				hold
26 I10R-6-8		C				1447	1						X				Hold
27 H08R-4-6		C				1510	1						X				
28 H08R-6-8		C				1505	1						X				hold
29 DUP-13	↓	C			↓	1510	1						X				

Additional Instructions from Pace® :

Collected By: Printed Name: Marie Mueller Signature: Marie Mueller

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time
	2/3/25 1540	SSMZ	2-3-25 1540
SSMZ	2-3-25 1934	Anthony Green	FEB 03 2025 2150
Anthony Green	2/4/25 0045		2/4/25 0045
	2/4/25 0255		2/4 0255

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

L2505783

Pace® Location Requested (City/State): Westborough, MA

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Sample Comment
30	F13R-5.5-6	SS	G			2/3/25	1150	1						X		Hold
31	F13R-2-4	SS	C				1137							X		
32	F13R-4-6	SS					1130							X		~~Hold~~ Run
33	F13R-6-8	SS					1127							X		Hold
34	F13R-8-10	SS					1122							X		Hold
35	DUP-16	SS	C				1410							X		Hold
32	F13R-4-6 MS	SS	C				1130							X		Hold
32	F13R-4-6 MSD	SS	C				1130							X		Hold

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: Printed Name: Marie Mueller Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

	Date/Time	Received by/Company: (Signature)	Date/Time	Tracking Number
Relinquished by/Company: (Signature)	2/3/25 1540	Received by/Company: (Signature)	2-3-25 1540	
Relinquished by/Company: (Signature)	2-3-25 1934	Received by/Company: (Signature) Anthony Green	FEB 03 2025 2150	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature) Anthony Green	2/4/25 0045	Received by/Company: (Signature)	2/4/25 0045	
Relinquished by/Company: (Signature)	2/4/25 0255	Received by/Company: (Signature)	2/4 0255	Page: of

Submitting a sample via this chain of custody constitutes acknowledgement and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

L2505783

Pace® Location Requested (City/State): Westborough, MA

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Arsenic	Total + Hex Chrome	Lead	Mercury	Sample Comment
36	I12R-0.5-1	SS	G			2/3/25	1010	3						X		X	X	X	X	
37	I12R-1-1.5	SS	G				1015	3						X		X	X	X	X	Hold
38	I12R-1.5-2	SS	G				1030	3						X		X	X	X	X	Hold
39	I12R-2-2.5	SS	G				1040	1						X						hold
40	I12R-2.5-3	SS	G				1057	1						X						hold
41	I12R-3.5-4	SS	G				1056	1						X						Hold
42	I12R-3-3.5	SS	G				1054	1						X						Hold
43	I12R-2-4	SS	C				1050	1						X						Hold
44	I12R-4-6	SS	C				1045	1						X						Hold
45	I12R-6-8	SS	C			↓	1035	1						X						Hold

Lab Use Only: Proj. Mgr: / Acct/Num / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: Printed Name: Marie Mueller Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time
TEI	2/3/25 1546		2-3-25 1548
SSM2	2-3-25 1934	Anthony Green	FEB 03 2025 2150
Anthony Green	2/4/25 0045		2/4/25 0045
	2/4/25 0255		2/4 0255

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORQ-0019_v02_110123 ©

L2505783

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for Instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:	Sample Comment	Preservation non-conformance identified for sample
46	F13R-0.5-1	SS	G			2/3/25	1120	1						X				
47	F13R-1-1.5						1125							X			Hold	
48	F13R-1.5-2						1128							X			Hold	
49	F13R-2-2.5						1132							X			Hold	
50	F13R-2.5-3						1135							X			Hold	
51	F13R-3-3.5						1138							X			Hold	
52	F13R-3.5-4						1145							X			Hold	
53	F13R-4-4.5						1147							X			Hold	
54	F13R-4.5-5						1140							X			Hold	
55	F13R-5-5.5						1142							X			Hold	

Additional Instructions from Pace® :

Collected By: Printed Name: Mane Mueller Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

	Date/Time		Date/Time
Relinquished by/Company: (Signature)	2/3/25 1540	Received by/Company: (Signature)	2-7-25 1540
Relinquished by/Company: (Signature)	2-7-25 1934	Received by/Company: (Signature) Anthony Green	FEB 03 2025
Relinquished by/Company: (Signature) Anthony Green	2/4/25 0045	Received by/Company: (Signature)	2/4/25 0045
Relinquished by/Company: (Signature)	2/4/25 0255	Received by/Company: (Signature)	2/4 0255

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

ENV-FRM-CORO-0019_v02_110123 ©

ANALYTICAL REPORT

Lab Number:	L2506139
Client:	Terraphase Engineering Inc. 222 International Drive Suite 150 Portsmouth, NH 03801
ATTN:	Nicholas Krasnecky
Phone:	(858) 385-0022
Project Name:	ELMWOOD PRESERVE
Project Number:	CV04.001
Report Date:	03/12/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2506139-01	H09R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:00	02/04/25
L2506139-02	H09R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:05	02/04/25
L2506139-03	H09R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:10	02/04/25
L2506139-04	H09R-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:15	02/04/25
L2506139-05	H09R-8-10	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:20	02/04/25
L2506139-06	G08R-2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:25	02/04/25
L2506139-07	G08R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:27	02/04/25
L2506139-08	G09R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:30	02/04/25
L2506139-09	G09R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:32	02/04/25
L2506139-10	G09R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:37	02/04/25
L2506139-11	G09R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:40	02/04/25
L2506139-12	G09R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:45	02/04/25
L2506139-13	G09R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:50	02/04/25
L2506139-14	G09R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:47	02/04/25
L2506139-15	G09R-2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:42	02/04/25
L2506139-16	G09R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/03/25 16:35	02/04/25
L2506139-17	A04R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 09:05	02/04/25
L2506139-18	A04R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 09:07	02/04/25
L2506139-19	A04R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 09:10	02/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2506139-20	A04R-2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 09:15	02/04/25
L2506139-21	A04R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 09:30	02/04/25
L2506139-22	DUP-03	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 09:20	02/04/25
L2506139-23	TB-250204	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 09:35	02/04/25
L2506139-24	FB-250204	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 09:25	02/04/25
L2506139-25	B04R-0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 10:10	02/04/25
L2506139-26	B04R-2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 10:15	02/04/25
L2506139-27	B04R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 10:20	02/04/25
L2506139-28	B05R-0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 10:40	02/04/25
L2506139-29	B05R-2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 10:50	02/04/25
L2506139-30	DUP-04	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 10:45	02/04/25
L2506139-31	A05R-0.2-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 10:25	02/04/25
L2506139-32	A05R-2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 10:30	02/04/25
L2506139-33	A05R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 10:35	02/04/25
L2506139-34	TEI-SB-02-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 12:45	02/04/25
L2506139-35	DUP-01	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 12:50	02/04/25
L2506139-36	TS-15R-0-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 13:45	02/04/25
L2506139-37	TS-15R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 13:47	02/04/25
L2506139-38	TS-15R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 13:50	02/04/25
L2506139-39	TS-15R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 13:53	02/04/25
L2506139-40	TS-05R-0-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 15:40	02/04/25
L2506139-41	TS-05R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 15:43	02/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2506139-42	TS-05R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 15:47	02/04/25
L2506139-43	TS-05R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 15:50	02/04/25
L2506139-44	TS-05R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 15:55	02/04/25
L2506139-45	TS-05R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 16:00	02/04/25
L2506139-46	TS-10R-0-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 16:05	02/04/25
L2506139-47	TS-10R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 16:10	02/04/25
L2506139-48	TS-10R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 16:15	02/04/25
L2506139-49	TS-10R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 16:20	02/04/25
L2506139-50	TS-10R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 16:25	02/04/25
L2506139-51	TS-10R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 16:30	02/04/25
L2506139-52	TS-10R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 16:33	02/04/25
L2506139-53	TS-15R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 13:57	02/04/25
L2506139-54	TS-15R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 14:00	02/04/25
L2506139-55	TS-15R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 14:03	02/04/25
L2506139-56	TS-03R-0-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 15:15	02/04/25
L2506139-57	TS-03R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 15:17	02/04/25
L2506139-58	TS-03R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 15:20	02/04/25
L2506139-59	TS-03R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 15:23	02/04/25
L2506139-60	TS-03R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 15:27	02/04/25
L2506139-61	TS-03R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 15:30	02/04/25
L2506139-62	TS-03R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/04/25 15:33	02/04/25

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506139
Project Number:	CV04.001	**Report Date:**	03/12/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139
Project Number: CV04.001 **Report Date:** 03/12/25

Case Narrative (continued)

Report Submission

March 12, 2025: This final report includes the results of all requested analyses. Additional requests will be reported separately.

March 07, 2025: This preliminary report includes the results of the following analyses:

L2506139-15: Pesticides

February 27, 2025: This preliminary report includes the results of the following analyses:

L2506139-03 and -19: Total Mercury

L2506139-11: Pesticides

L2506139-29, -38, and -58: Perfluorinated Alkyl Acids by 1633

February 21, 2025: This preliminary report includes the results of the following analyses:

L2506139-49: Pesticides

February 19, 2025: This preliminary report includes the results of the following analyses:

L2506139-02, -18, -38, and -58: Total Metals

L2506139-05 and -39: Pesticides

February 14, 2025: This preliminary report includes the results of the following analyses:

L2506139-48: Semivolatile Organics

February 13, 2025: This preliminary report includes the results of the following analyses:

L2506139-09, -38, and -48: Pesticides

February 11, 2025: This is a preliminary report.

Please note that your project has contingency samples on hold. Contact your project manager to request additional analyses within 3 business days of receiving this report. Requests made after this time frame will be reported separately.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139
Project Number: CV04.001 **Report Date:** 03/12/25

Case Narrative (continued)

The analyses performed were specified by the client.

Perfluorinated Alkyl Acids by 1633
L2506139-29: The Extracted Internal Standard recovery was above the acceptance criteria for perfluoro[1,2-13c2]tetradecanoic acid (m2pfteda) (137%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.
L2506139-35: The Extracted Internal Standard recoveries were above the acceptance criteria for perfluoro[1,2,3,4-13c4]heptanoic acid (m4pfhpa) (143%), perfluoro[1,2,3-13c3]hexanesulfonic acid (m3pfhxs) (133%), perfluoro[13c8]octanoic acid (m8pfoa) (139%), perfluoro[1,2,3,4,5,6-13c6]decanoic acid (m6pfda) (131%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (142%), and perfluoro[1,2-13c2]dodecanoic acid (mpfdoa) (134%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.
L2506139-36: The Extracted Internal Standard recovery was above the acceptance criteria for perfluoro[1,2-13c2]tetradecanoic acid (m2pfteda) (135%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.
L2506139-41: The Extracted Internal Standard recovery was above the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (158%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.
WG2027662-2 and WG2027662-3: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.
The Extracted Internal Standard recovery for the WG2027662-2 LCS, associated with L2506139-24, is outside the acceptance criteria for perfluoro[13c8]octanoic acid (m8pfoa) (131%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.
The Extracted Internal Standard recovery for the WG2034141-3 LCS associated with L2506139-29, -38, and -58 is outside the acceptance criteria for perfluoro[1,2-13c2]tetradecanoic acid (m2pfteda) (131%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.
The Extracted Internal Standard recovery for the WG2028604-6 MS, performed on L2506139-34, is outside

Case Narrative (continued)

the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (175%). The associated MS spike compounds are within criteria; therefore, no further action was taken.

Semivolatile Organics

The WG2026984-2/-3 LCS/LCSD recoveries associated with L2506139-24 are below the acceptance criteria for benzoic acid (5%/0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Pesticides

L2506139-49: The internal standard (IS) response for 1-bromo-2-nitrobenzene (2483%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds reported from this column are considered to have a potentially low bias. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (3%) and decachlorobiphenyl (3%) due to interference with the Internal Standard.

Total Metals

L2506139-06 and -08: The sample has an elevated detection limit due to the dilution required by the sample matrix.

L2506139-17, -18, -34 through -38, -40, -41, -46, -47, -56, and -57: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2506139-58: The sample has elevated detection limits due to the dilution required by the sample matrix.

The WG2028472-1 Method Blank, associated with L2506139-06, -08, -17, -34 through -37, and -40, has a concentration above the reporting limit for iron. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG2028472-3/-4 MS/MSD recoveries for aluminum (43%/212%) and iron (MSD 434%), performed on

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506139
Project Number:	CV04.001	**Report Date:**	03/12/25

Case Narrative (continued)

L2506139-34, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG2028472-3/-4 MS/MSD recoveries, performed on L2506139-34, are outside the acceptance criteria for antimony (54%/51%). A post digestion spike was performed and was within acceptance criteria.

Chromium, Hexavalent

The WG2027250-4 Insoluble MS recovery for chromium, hexavalent (73%), performed on L2506139-57, is below the acceptance criteria. This has been attributed to matrix interference. A post-spike was performed with an acceptable recovery of 98%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 03/12/25

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-23 Date Collected: 02/04/25 09:35

Client ID: TB-250204 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 02/10/25 12:51

Analyst: AJK

Percent Solids: Results reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-23 Date Collected: 02/04/25 09:35

Client ID: TB-250204 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-23 Date Collected: 02/04/25 09:35

Client ID: TB-250204 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	96		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-24 Date Collected: 02/04/25 09:25

Client ID: FB-250204 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 02/10/25 12:23

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-24 Date Collected: 02/04/25 09:25

Client ID: FB-250204 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-24 Date Collected: 02/04/25 09:25

Client ID: FB-250204 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	122		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-34
Client ID: TEI-SB-02-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 12:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/10/25 14:13
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-34 Date Collected: 02/04/25 12:45

Client ID: TEI-SB-02-6-8 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	18		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.22	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-34 Date Collected: 02/04/25 12:45

Client ID: TEI-SB-02-6-8 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.22	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-35
Client ID: DUP-01
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 12:50
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/10/25 14:40
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-35 Date Collected: 02/04/25 12:50

Client ID: DUP-01 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	16		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-35 Date Collected: 02/04/25 12:50

Client ID: DUP-01 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	90	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-36
Client ID: TS-15R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 13:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/10/25 15:07
Analyst: JIC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.4	3.8	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.24	1
Chloroform	ND		ug/kg	2.5	0.23	1
Carbon tetrachloride	ND		ug/kg	1.7	0.38	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.45	1
Tetrachloroethene	ND		ug/kg	0.84	0.33	1
Chlorobenzene	ND		ug/kg	0.84	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.7	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.43	1
1,1,1-Trichloroethane	ND		ug/kg	0.84	0.28	1
Bromodichloromethane	ND		ug/kg	0.84	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.46	1
cis-1,3-Dichloropropene	ND		ug/kg	0.84	0.26	1
1,3-Dichloropropene, Total	ND		ug/kg	0.84	0.26	1
1,1-Dichloropropene	ND		ug/kg	0.84	0.27	1
Bromoform	ND		ug/kg	6.7	0.41	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.84	0.28	1
Benzene	ND		ug/kg	0.84	0.28	1
Toluene	ND		ug/kg	1.7	0.91	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.7	1.6	1
Bromomethane	ND		ug/kg	3.3	0.97	1
Vinyl chloride	ND		ug/kg	1.7	0.56	1
Chloroethane	ND		ug/kg	3.3	0.76	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-36 Date Collected: 02/04/25 13:45

Client ID: TS-15R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.84	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.3	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	3.3	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.3	0.29	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.34	1
p/m-Xylene	ND		ug/kg	3.3	0.94	1
o-Xylene	ND		ug/kg	1.7	0.49	1
Xylenes, Total	ND		ug/kg	1.7	0.49	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.29	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.23	1
Dibromomethane	ND		ug/kg	3.3	0.40	1
Styrene	ND		ug/kg	1.7	0.33	1
Dichlorodifluoromethane	ND		ug/kg	17	1.5	1
Acetone	ND		ug/kg	17	8.0	1
Carbon disulfide	ND		ug/kg	17	7.6	1
2-Butanone	ND		ug/kg	17	3.7	1
Vinyl acetate	ND		ug/kg	17	3.6	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.1	1
1,2,3-Trichloropropane	ND		ug/kg	3.3	0.21	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.3	0.34	1
2,2-Dichloropropane	ND		ug/kg	3.3	0.34	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.47	1
1,3-Dichloropropane	ND		ug/kg	3.3	0.28	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.84	0.22	1
Bromobenzene	ND		ug/kg	3.3	0.24	1
n-Butylbenzene	ND		ug/kg	1.7	0.28	1
sec-Butylbenzene	ND		ug/kg	1.7	0.24	1
tert-Butylbenzene	ND		ug/kg	3.3	0.20	1
o-Chlorotoluene	ND		ug/kg	3.3	0.32	1
p-Chlorotoluene	ND		ug/kg	3.3	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	1.7	1
Hexachlorobutadiene	ND		ug/kg	6.7	0.28	1
Isopropylbenzene	ND		ug/kg	1.7	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.18	1
Naphthalene	ND		ug/kg	6.7	1.1	1
Acrylonitrile	ND		ug/kg	6.7	1.9	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-36 Date Collected: 02/04/25 13:45

Client ID: TS-15R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.7	0.29	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.3	0.54	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.3	0.46	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.3	0.32	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.3	0.56	1
1,4-Dioxane	ND		ug/kg	130	59.	1
p-Diethylbenzene	ND		ug/kg	3.3	0.30	1
p-Ethyltoluene	ND		ug/kg	3.3	0.64	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.3	0.32	1
Ethyl ether	ND		ug/kg	3.3	0.57	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.4	2.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-40
Client ID: TS-05R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 15:40
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/10/25 15:34
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.67	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.3	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.7	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-40 Date Collected: 02/04/25 15:40

Client ID: TS-05R-0-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	8.0	J	ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
Vinyl acetate	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.67	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.25	1
p-Chlorotoluene	ND		ug/kg	2.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.3	0.87	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-40 Date Collected: 02/04/25 15:40

Client ID: TS-05R-0-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.44	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.25	1
Ethyl ether	ND		ug/kg	2.7	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-46
Client ID: TS-10R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 16:05
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/10/25 16:00
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-46 Date Collected: 02/04/25 16:05

Client ID: TS-10R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	25		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	3.0	J	ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-46 Date Collected: 02/04/25 16:05

Client ID: TS-10R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-56
Client ID: TS-03R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 15:15
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/10/25 16:27
Analyst: JIC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	10	4.7	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.30	1
Chloroform	ND		ug/kg	3.1	0.29	1
Carbon tetrachloride	ND		ug/kg	2.1	0.47	1
1,2-Dichloropropane	ND		ug/kg	2.1	0.26	1
Dibromochloromethane	ND		ug/kg	2.1	0.29	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.55	1
Tetrachloroethene	ND		ug/kg	1.0	0.40	1
Chlorobenzene	ND		ug/kg	1.0	0.26	1
Trichlorofluoromethane	ND		ug/kg	8.2	1.4	1
1,2-Dichloroethane	ND		ug/kg	2.1	0.53	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.34	1
Bromodichloromethane	ND		ug/kg	1.0	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	2.1	0.56	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.32	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.32	1
1,1-Dichloropropene	ND		ug/kg	1.0	0.33	1
Bromoform	ND		ug/kg	8.2	0.51	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.34	1
Benzene	ND		ug/kg	1.0	0.34	1
Toluene	ND		ug/kg	2.1	1.1	1
Ethylbenzene	ND		ug/kg	2.1	0.29	1
Chloromethane	ND		ug/kg	8.2	1.9	1
Bromomethane	ND		ug/kg	4.1	1.2	1
Vinyl chloride	ND		ug/kg	2.1	0.69	1
Chloroethane	ND		ug/kg	4.1	0.93	1
1,1-Dichloroethene	ND		ug/kg	2.1	0.49	1
trans-1,2-Dichloroethene	ND		ug/kg	3.1	0.28	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-56 Date Collected: 02/04/25 15:15

Client ID: TS-03R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	1.0	0.28	1
1,2-Dichlorobenzene	ND		ug/kg	4.1	0.30	1
1,3-Dichlorobenzene	ND		ug/kg	4.1	0.30	1
1,4-Dichlorobenzene	ND		ug/kg	4.1	0.35	1
Methyl tert butyl ether	ND		ug/kg	4.1	0.41	1
p/m-Xylene	ND		ug/kg	4.1	1.2	1
o-Xylene	ND		ug/kg	2.1	0.60	1
Xylenes, Total	ND		ug/kg	2.1	0.60	1
cis-1,2-Dichloroethene	ND		ug/kg	2.1	0.36	1
1,2-Dichloroethene, Total	ND		ug/kg	2.1	0.28	1
Dibromomethane	ND		ug/kg	4.1	0.49	1
Styrene	ND		ug/kg	2.1	0.40	1
Dichlorodifluoromethane	ND		ug/kg	21	1.9	1
Acetone	66		ug/kg	21	9.9	1
Carbon disulfide	ND		ug/kg	21	9.4	1
2-Butanone	ND		ug/kg	21	4.6	1
Vinyl acetate	ND		ug/kg	21	4.4	1
4-Methyl-2-pentanone	ND		ug/kg	21	2.6	1
1,2,3-Trichloropropane	ND		ug/kg	4.1	0.26	1
2-Hexanone	ND		ug/kg	21	2.4	1
Bromochloromethane	ND		ug/kg	4.1	0.42	1
2,2-Dichloropropane	ND		ug/kg	4.1	0.42	1
1,2-Dibromoethane	ND		ug/kg	2.1	0.58	1
1,3-Dichloropropane	ND		ug/kg	4.1	0.34	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.27	1
Bromobenzene	ND		ug/kg	4.1	0.30	1
n-Butylbenzene	ND		ug/kg	2.1	0.34	1
sec-Butylbenzene	ND		ug/kg	2.1	0.30	1
tert-Butylbenzene	ND		ug/kg	4.1	0.24	1
o-Chlorotoluene	ND		ug/kg	4.1	0.39	1
p-Chlorotoluene	ND		ug/kg	4.1	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	2.0	1
Hexachlorobutadiene	ND		ug/kg	8.2	0.35	1
Isopropylbenzene	ND		ug/kg	2.1	0.22	1
p-Isopropyltoluene	ND		ug/kg	2.1	0.22	1
Naphthalene	ND		ug/kg	8.2	1.3	1
Acrylonitrile	ND		ug/kg	8.2	2.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-56 Date Collected: 02/04/25 15:15

Client ID: TS-03R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.1	0.35	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.1	0.66	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.1	0.56	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.1	0.40	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.1	0.69	1
1,4-Dioxane	ND		ug/kg	160	72.	1
p-Diethylbenzene	ND		ug/kg	4.1	0.36	1
p-Ethyltoluene	ND		ug/kg	4.1	0.79	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.1	0.39	1
Ethyl ether	ND		ug/kg	4.1	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	10	2.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/10/25 08:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 24 Batch: WG2028771-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/10/25 08:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 24 Batch: WG2028771-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/10/25 08:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 24 Batch: WG2028771-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	114		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/10/25 11:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 23,34-36,40,46,56 Batch: WG2028945-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.0	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/10/25 11:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 23,34-36,40,46,56 Batch: WG2028945-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/10/25 11:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 23,34-36,40,46,56 Batch: WG2028945-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG2028771-3 WG2028771-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	100		96		70-130	4		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	96		93		70-130	3		20
Dibromochloromethane	110		110		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	100		98		70-130	2		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	89		89		70-130	0		20
cis-1,3-Dichloropropene	91		88		70-130	3		20
1,1-Dichloropropene	98		93		70-130	5		20
Bromoform	91		92		54-136	1		20
1,1,2,2-Tetrachloroethane	93		97		67-130	4		20
Benzene	100		98		70-130	2		20
Toluene	100		98		70-130	2		20
Ethylbenzene	100		96		70-130	4		20
Chloromethane	82		75		64-130	9		20
Bromomethane	92		78		39-139	16		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG2028771-3 WG2028771-4								
Vinyl chloride	93		85		55-140	9		20
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	100		96		61-145	4		20
trans-1,2-Dichloroethene	100		98		70-130	2		20
Trichloroethene	100		92		70-130	8		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	84		88		63-130	5		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		95		70-130	5		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	87		88		64-130	1		20
Acrylonitrile	91		97		70-130	6		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	88		81		36-147	8		20
Acetone	86		90		58-148	5		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	65		80		63-138	**21**	Q	20
Vinyl acetate	130		**140**	Q	70-130	7		20
4-Methyl-2-pentanone	60		72		59-130	18		20
2-Hexanone	58		66		57-130	13		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG2028771-3 WG2028771-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	97		92		63-133	5		20
1,2-Dibromoethane	97		100		70-130	3		20
1,3-Dichloropropane	99		100		70-130	1		20
1,1,1,2-Tetrachloroethane	110		100		64-130	10		20
Bromobenzene	98		94		70-130	4		20
n-Butylbenzene	100		93		53-136	7		20
sec-Butylbenzene	100		94		70-130	6		20
tert-Butylbenzene	100		91		70-130	9		20
o-Chlorotoluene	100		94		70-130	6		20
p-Chlorotoluene	98		91		70-130	7		20
1,2-Dibromo-3-chloropropane	82		85		41-144	4		20
Hexachlorobutadiene	120		110		63-130	9		20
Isopropylbenzene	99		92		70-130	7		20
p-Isopropyltoluene	100		92		70-130	8		20
Naphthalene	84		88		70-130	5		20
n-Propylbenzene	100		93		69-130	7		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	99		97		70-130	2		20
1,3,5-Trimethylbenzene	98		90		64-130	9		20
1,2,4-Trimethylbenzene	95		88		70-130	8		20
1,4-Dioxane	60		74		56-162	**21**	Q	20
p-Diethylbenzene	95		87		70-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG2028771-3 WG2028771-4								
p-Ethyltoluene	100		93		70-130	7		20
1,2,4,5-Tetramethylbenzene	88		79		70-130	11		20
Ethyl ether	99		100		59-134	1		20
trans-1,4-Dichloro-2-butene	78		82		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		111		70-130
Toluene-d8	100		102		70-130
4-Bromofluorobenzene	91		85		70-130
Dibromofluoromethane	109		108		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 23,34-36,40,46,56 Batch: WG2028945-3 WG2028945-4								
Methylene chloride	117		114		70-130	3		30
1,1-Dichloroethane	106		104		70-130	2		30
Chloroform	102		100		70-130	2		30
Carbon tetrachloride	103		96		70-130	7		30
1,2-Dichloropropane	110		107		70-130	3		30
Dibromochloromethane	97		95		70-130	2		30
1,1,2-Trichloroethane	105		105		70-130	0		30
Tetrachloroethene	109		107		70-130	2		30
Chlorobenzene	107		105		70-130	2		30
Trichlorofluoromethane	121		119		70-139	2		30
1,2-Dichloroethane	104		102		70-130	2		30
1,1,1-Trichloroethane	106		100		70-130	6		30
Bromodichloromethane	99		96		70-130	3		30
trans-1,3-Dichloropropene	111		107		70-130	4		30
cis-1,3-Dichloropropene	109		107		70-130	2		30
1,1-Dichloropropene	110		108		70-130	2		30
Bromoform	89		85		70-130	5		30
1,1,2,2-Tetrachloroethane	103		102		70-130	1		30
Benzene	109		106		70-130	3		30
Toluene	106		103		70-130	3		30
Ethylbenzene	110		105		70-130	5		30
Chloromethane	100		96		52-130	4		30
Bromomethane	**149**	Q	145		57-147	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 23,34-36,40,46,56 Batch: WG2028945-3 WG2028945-4								
Vinyl chloride	110		106		67-130	4		30
Chloroethane	118		114		50-151	3		30
1,1-Dichloroethene	132		124		65-135	6		30
trans-1,2-Dichloroethene	113		99		70-130	13		30
Trichloroethene	107		106		70-130	1		30
1,2-Dichlorobenzene	103		103		70-130	0		30
1,3-Dichlorobenzene	108		104		70-130	4		30
1,4-Dichlorobenzene	106		103		70-130	3		30
Methyl tert butyl ether	113		103		66-130	9		30
p/m-Xylene	112		108		70-130	4		30
o-Xylene	109		107		70-130	2		30
cis-1,2-Dichloroethene	103		100		70-130	3		30
Dibromomethane	102		100		70-130	2		30
Styrene	110		107		70-130	3		30
Dichlorodifluoromethane	75		72		30-146	4		30
Acetone	114		87		54-140	27		30
Carbon disulfide	**131**	Q	123		59-130	6		30
2-Butanone	118		109		70-130	8		30
Vinyl acetate	124		120		70-130	3		30
4-Methyl-2-pentanone	112		108		70-130	4		30
1,2,3-Trichloropropane	105		102		68-130	3		30
2-Hexanone	108		107		70-130	1		30
Bromochloromethane	96		94		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 23,34-36,40,46,56 Batch: WG2028945-3 WG2028945-4								
2,2-Dichloropropane	102		98		70-130	4		30
1,2-Dibromoethane	107		106		70-130	1		30
1,3-Dichloropropane	110		106		69-130	4		30
1,1,1,2-Tetrachloroethane	101		98		70-130	3		30
Bromobenzene	101		98		70-130	3		30
n-Butylbenzene	122		117		70-130	4		30
sec-Butylbenzene	115		111		70-130	4		30
tert-Butylbenzene	108		106		70-130	2		30
o-Chlorotoluene	108		105		70-130	3		30
p-Chlorotoluene	108		104		70-130	4		30
1,2-Dibromo-3-chloropropane	89		87		68-130	2		30
Hexachlorobutadiene	102		97		67-130	5		30
Isopropylbenzene	109		107		70-130	2		30
p-Isopropyltoluene	114		111		70-130	3		30
Naphthalene	104		100		70-130	4		30
Acrylonitrile	122		116		70-130	5		30
n-Propylbenzene	112		108		70-130	4		30
1,2,3-Trichlorobenzene	102		99		70-130	3		30
1,2,4-Trichlorobenzene	106		102		70-130	4		30
1,3,5-Trimethylbenzene	110		106		70-130	4		30
1,2,4-Trimethylbenzene	110		107		70-130	3		30
1,4-Dioxane	116		116		65-136	0		30
p-Diethylbenzene	114		110		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 23,34-36,40,46,56 Batch: WG2028945-3 WG2028945-4								
p-Ethyltoluene	112		108		70-130	4		30
1,2,4,5-Tetramethylbenzene	108		105		70-130	3		30
Ethyl ether	**138**	Q	**131**	Q	67-130	5		30
trans-1,4-Dichloro-2-butene	112		110		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	93		95		70-130
Dibromofluoromethane	97		94		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 23,34-36,40,46,56 QC Batch ID: WG2028945-6 WG2028945-7 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8												
Methylene chloride	ND	103	76	74		76	75		70-130	0		30
1,1-Dichloroethane	ND	103	79	77		75	74		70-130	5		30
Chloroform	ND	103	71	**69**	Q	66	**66**	Q	70-130	7		30
Carbon tetrachloride	ND	103	76	74		77	76		70-130	2		30
1,2-Dichloropropane	ND	103	73	70		65	**64**	Q	70-130	11		30
Dibromochloromethane	ND	103	54	**52**	Q	47	**47**	Q	70-130	13		30
1,1,2-Trichloroethane	ND	103	63	**61**	Q	55	**54**	Q	70-130	14		30
Tetrachloroethene	ND	103	63	**61**	Q	62	**61**	Q	70-130	2		30
Chlorobenzene	ND	103	57	**56**	Q	53	**52**	Q	70-130	8		30
Trichlorofluoromethane	ND	103	100	100		100	103		70-139	1		30
1,2-Dichloroethane	ND	103	66	**64**	Q	56	**56**	Q	70-130	15		30
1,1,1-Trichloroethane	ND	103	81	78		80	79		70-130	1		30
Bromodichloromethane	ND	103	62	**60**	Q	54	**53**	Q	70-130	14		30
trans-1,3-Dichloropropene	ND	103	61	**59**	Q	53	**52**	Q	70-130	14		30
cis-1,3-Dichloropropene	ND	103	65	**63**	Q	56	**55**	Q	70-130	16		30
1,1-Dichloropropene	ND	103	82	79		81	80		70-130	0		30
Bromoform	ND	103	48	**46**	Q	40	**39**	Q	70-130	19		30
1,1,2,2-Tetrachloroethane	ND	103	59	**57**	Q	48	**48**	Q	70-130	20		30
Benzene	ND	103	77	74		72	72		70-130	6		30
Toluene	ND	103	66	**64**	Q	63	**62**	Q	70-130	4		30
Ethylbenzene	ND	103	60	**58**	Q	57	**56**	Q	70-130	6		30
Chloromethane	ND	103	85	82		80	79		52-130	6		30
Bromomethane	ND	103	110	110		110	104		57-147	7		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 23,34-36,40,46,56 QC Batch ID: WG2028945-6 WG2028945-7 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8												
Vinyl chloride	ND	103	96	93		95	94		67-130	1		30
Chloroethane	ND	103	100	101		100	99		50-151	4		30
1,1-Dichloroethene	ND	103	110	102		100	100		65-135	4		30
trans-1,2-Dichloroethene	ND	103	74	72		71	70		70-130	4		30
Trichloroethene	ND	103	71	**69**	Q	69	**68**	Q	70-130	3		30
1,2-Dichlorobenzene	ND	103	47	**46**	Q	37	**37**	Q	70-130	23		30
1,3-Dichlorobenzene	ND	103	47	**45**	Q	38	**37**	Q	70-130	21		30
1,4-Dichlorobenzene	ND	103	45	**44**	Q	37	**36**	Q	70-130	21		30
Methyl tert butyl ether	ND	103	64	**62**	Q	53	**52**	Q	66-130	18		30
p/m-Xylene	ND	206	120	**57**	Q	110	**54**	Q	70-130	7		30
o-Xylene	ND	206	120	**56**	Q	110	**52**	Q	70-130	8		30
cis-1,2-Dichloroethene	ND	103	68	**66**	Q	63	**62**	Q	70-130	8		30
Dibromomethane	ND	103	61	**59**	Q	52	**51**	Q	70-130	16		30
Styrene	ND	206	110	**55**	Q	99	**49**	Q	70-130	13		30
Dichlorodifluoromethane	ND	103	65	63		66	66		30-146	2		30
Acetone	18	103	72	**52**	Q	74	56		54-140	3		30
Carbon disulfide	ND	103	100	97		92	91		59-130	8		30
2-Butanone	ND	103	72	70		59	**58**	Q	70-130	20		30
Vinyl acetate	ND	103	31	**30**	Q	12	**12**	Q	70-130	**87**	Q	30
4-Methyl-2-pentanone	ND	103	66	**64**	Q	53	**53**	Q	70-130	21		30
1,2,3-Trichloropropane	ND	103	60	**58**	Q	48	**48**	Q	68-130	21		30
2-Hexanone	ND	103	62	**60**	Q	51	**50**	Q	70-130	19		30
Bromochloromethane	ND	103	61	**59**	Q	52	**51**	Q	70-130	17		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 23,34-36,40,46,56 QC Batch ID: WG2028945-6 WG2028945-7 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8												
2,2-Dichloropropane	ND	103	73	71		74	73		70-130	1		30
1,2-Dibromoethane	ND	103	61	**59**	Q	53	**52**	Q	70-130	15		30
1,3-Dichloropropane	ND	103	63	**61**	Q	54	**54**	Q	69-130	15		30
1,1,1,2-Tetrachloroethane	ND	103	57	**56**	Q	53	**52**	Q	70-130	9		30
Bromobenzene	ND	103	49	**48**	Q	42	**41**	Q	70-130	16		30
n-Butylbenzene	ND	103	49	**48**	Q	39	**38**	Q	70-130	24		30
sec-Butylbenzene	ND	103	54	**52**	Q	46	**46**	Q	70-130	15		30
tert-Butylbenzene	ND	103	54	**52**	Q	48	**47**	Q	70-130	13		30
o-Chlorotoluene	ND	103	52	**50**	Q	46	**45**	Q	70-130	12		30
p-Chlorotoluene	ND	103	49	**48**	Q	41	**41**	Q	70-130	17		30
1,2-Dibromo-3-chloropropane	ND	103	48	**47**	Q	39	**39**	Q	68-130	22		30
Hexachlorobutadiene	ND	103	35	**34**	Q	25	**24**	Q	67-130	**34**	Q	30
Isopropylbenzene	ND	103	58	**56**	Q	52	**52**	Q	70-130	9		30
p-Isopropyltoluene	ND	103	50	**48**	Q	41	**41**	Q	70-130	19		30
Naphthalene	ND	103	47	**46**	Q	36	**36**	Q	70-130	26		30
Acrylonitrile	ND	103	73	70		60	**59**	Q	70-130	19		30
n-Propylbenzene	ND	103	54	**52**	Q	47	**47**	Q	70-130	13		30
1,2,3-Trichlorobenzene	ND	103	40	**39**	Q	30	**29**	Q	70-130	30		30
1,2,4-Trichlorobenzene	ND	103	40	**39**	Q	30	**30**	Q	70-130	29		30
1,3,5-Trimethylbenzene	ND	103	52	**51**	Q	45	**45**	Q	70-130	15		30
1,2,4-Trimethylbenzene	ND	103	50	**49**	Q	41	**41**	Q	70-130	20		30
1,4-Dioxane	ND	5160	4300	84		3600	71		65-136	19		30
p-Diethylbenzene	ND	103	46	**45**	Q	36	**36**	Q	70-130	24		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 23,34-36,40,46,56 QC Batch ID: WG2028945-6 WG2028945-7 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8												
p-Ethyltoluene	ND	103	51	**49**	Q	44	**43**	Q	70-130	15		30
1,2,4,5-Tetramethylbenzene	ND	103	44	**43**	Q	33	**33**	Q	70-130	29		30
Ethyl ether	ND	103	82	80		70	69		67-130	16		30
trans-1,4-Dichloro-2-butene	ND	103	57	**56**	Q	47	**47**	Q	70-130	19		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		108		70-130
4-Bromofluorobenzene	92		96		70-130
Dibromofluoromethane	96		98		70-130
Toluene-d8	99		102		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-20
Client ID: A04R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 09:15
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/12/25 19:57
Analyst: SL
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.058	J	ng/g	0.795	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.795	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.040	J	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.040	J	ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	0.025	J	ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.286		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.795	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.094	J	ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.795	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.795	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.795	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-20 Date Collected: 02/04/25 09:15

Client ID: A04R-2-4 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.795	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.795	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.994	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.97	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.97	0.364	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-20 Date Collected: 02/04/25 09:15

Client ID: A04R-2-4 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	73		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	82		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	87		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	76		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	106		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	97		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	96		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	97		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	96		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	100		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	89		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	71		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	84		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	87		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	83		15-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-24
Client ID: FB-250204
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 09:25
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 02/06/25 10:38
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/05/25 13:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.40	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Hexachlorobenzene	ND		ug/l	2.0	0.45	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
2-Chloronaphthalene	ND		ug/l	2.0	0.35	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
Fluoranthene	ND		ug/l	2.0	0.41	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorobutadiene	ND		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Hexachloroethane	ND		ug/l	2.0	0.20	1
Isophorone	ND		ug/l	5.0	0.86	1
Naphthalene	ND		ug/l	2.0	0.54	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-24 Date Collected: 02/04/25 09:25

Client ID: FB-250204 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.37	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62	1
Chrysene	ND		ug/l	2.0	0.22	1
Acenaphthylene	ND		ug/l	2.0	0.32	1
Anthracene	ND		ug/l	2.0	0.47	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.37	1
Fluorene	ND		ug/l	2.0	0.44	1
Phenanthrene	ND		ug/l	2.0	0.42	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48	1
Pyrene	ND		ug/l	2.0	0.41	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
2-Methylnaphthalene	ND		ug/l	2.0	0.37	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Pentachlorophenol	ND		ug/l	10	2.5	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-24 Date Collected: 02/04/25 09:25

Client ID: FB-250204 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	93		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-24
Client ID: FB-250204
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/04/25 09:25
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 02/07/25 19:16
Analyst: CAP
Extraction Method: EPA 1633
Extraction Date: 02/07/25 01:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.02	0.497	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.01	0.339	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.50	0.376	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.02	0.858	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.50	0.233	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.50	0.196	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.50	0.226	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.50	0.128	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.50	0.248	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.02	4.53	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.50	0.188	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.50	0.248	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.50	0.248	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.50	0.196	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.02	1.15	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.50	0.188	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.50	0.452	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.50	0.166	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.50	0.128	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.50	0.090	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.50	0.452	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.50	0.203	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.50	0.173	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.50	0.150	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.02	1.50	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.02	0.354	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.50	0.226	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-24 Date Collected: 02/04/25 09:25

Client ID: FB-250204 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.02	0.414	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.02	0.421	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.50	0.211	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.50	0.331	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.0	1.23	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.0	1.04	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.01	0.233	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.01	0.339	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.01	0.308	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.01	0.512	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.53	0.504	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.6	4.00	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.6	3.00	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-24 Date Collected: 02/04/25 09:25

Client ID: FB-250204 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	102		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	100		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	99		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	107		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	92		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	54		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	92		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	94		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	94		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	87		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	86		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	89		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	90		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	84		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	94		10-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-25
Client ID: B04R-0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 10:10
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/12/25 20:23
Analyst: SL
Percent Solids: 80%

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.041	J	ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.038	J	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.038	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.274		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.102	J	ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.522		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	0.056	J	ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	0.084	J	ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.050	J	ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.046	J	ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	0.031	J	ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-25 Date Collected: 02/04/25 10:10

Client ID: B04R-0.2-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.365	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-25 Date Collected: 02/04/25 10:10

Client ID: B04R-0.2-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	105		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	108		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	108		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	104		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	106		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	113		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	117		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	128		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	103		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	107		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	116		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	134		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	120		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	117		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	114		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	120		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	114		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	101		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	93		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	90		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	99		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	87		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	94		15-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-28
Client ID: B05R-0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 10:40
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/12/25 20:32
Analyst: SL
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.164	J	ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.181	J	ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.157	J	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.195	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	1.25		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.098	J	ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.912		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	0.024	JF	ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-28 Date Collected: 02/04/25 10:40

Client ID: B05R-0.2-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-28 Date Collected: 02/04/25 10:40

Client ID: B05R-0.2-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	100		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	102		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	99		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	88		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	104		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	101		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	123		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	102		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	104		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	104		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	114		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	96		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	106		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	120		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	106		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	105		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	119		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	105		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	91		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	93		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	97		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	91		15-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-29
Client ID: B05R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 10:50
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/26/25 15:59
Analyst: AC
Percent Solids: 89%

Extraction Method: EPA 1633
Extraction Date: 02/26/25 07:30
Cleanup Method: EPA 1633
Cleanup Date: 02/26/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.058	J	ng/g	0.799	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.035	J	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.063	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.420		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.160	J	ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-29 Date Collected: 02/04/25 10:50

Client ID: B05R-2-4 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.999	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-29 Date Collected: 02/04/25 10:50

Client ID: B05R-2-4 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	89		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	100		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	109		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	99		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	102		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	106		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	103		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	95		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	93		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	106		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	**137**	Q	20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	87		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	88		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	73		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80		15-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-31
Client ID: A05R-0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 10:25
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/12/25 20:41
Analyst: SL
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.799	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.031	J	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.019	JF	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.168	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.021	J	ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.066	J	ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-31 Date Collected: 02/04/25 10:25

Client ID: A05R-0.2-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.998	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-31 Date Collected: 02/04/25 10:25

Client ID: A05R-0.2-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	107		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	110		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	103		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	109		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	99		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	112		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	118		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	111		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	109		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	100		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	115		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	102		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	130		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	116		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	103		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	92		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	119		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	104		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	103		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	95		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	95		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	85		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	94		15-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-34
Client ID: TEI-SB-02-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 12:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/08/25 05:57
Analyst: CMM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 10:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-34 Date Collected: 02/04/25 12:45

Client ID: TEI-SB-02-6-8 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-34 Date Collected: 02/04/25 12:45

Client ID: TEI-SB-02-6-8 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	51		10-136
4-Terphenyl-d14	50		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-34
Client ID: TEI-SB-02-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 12:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/12/25 20:50
Analyst: SL
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.799	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.070	J	ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-34 Date Collected: 02/04/25 12:45

Client ID: TEI-SB-02-6-8 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.998	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-34 Date Collected: 02/04/25 12:45

Client ID: TEI-SB-02-6-8 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	98		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	84		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	95		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	98		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	115		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	87		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	100		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	87		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	124		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	102		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	99		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	102		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	99		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	89		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	90		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	75		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	85		15-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-35
Client ID: DUP-01
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 12:50
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/06/25 15:34
Analyst: IMK
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-35 Date Collected: 02/04/25 12:50

Client ID: DUP-01 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-35 Date Collected: 02/04/25 12:50

Client ID: DUP-01 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	115		25-120
Phenol-d6	109		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	104		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	108		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-35
Client ID: DUP-01
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 12:50
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/12/25 21:17
Analyst: SL
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.802	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.401	0.039	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.802	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.027	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.027	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.802	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.067	J	ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.802	0.260	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.802	0.039	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.802	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-35 Date Collected: 02/04/25 12:50

Client ID: DUP-01 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.802	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.802	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.027	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.401	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.401	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.401	0.047	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.401	0.083	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.01	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.01	0.366	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-35 Date Collected: 02/04/25 12:50

Client ID: DUP-01 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	116		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	129		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	129		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	117		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	129		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	**143**	Q	40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	**133**	Q	40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	**139**	Q	40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	127		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	119		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	114		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	**131**	Q	40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	113		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**142**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	123		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	123		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	102		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	**134**	Q	40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	110		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	116		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	107		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	111		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	95		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	105		15-130

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-36
Client ID: TS-15R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 13:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/08/25 09:16
Analyst: CMM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 10:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	65	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-36 Date Collected: 02/04/25 13:45

Client ID: TS-15R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	34	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	47	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	35	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	27	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	58	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-36 Date Collected: 02/04/25 13:45

Client ID: TS-15R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	65		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-36
Client ID: TS-15R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 13:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/12/25 21:26
Analyst: SL
Percent Solids: 83%

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.202	J	ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.099	J	ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	0.022	J	ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.115	J	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.219		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	0.022	J	ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.834		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.222		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.853		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	0.093	J	ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	0.085	J	ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.056	J	ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.037	J	ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-36 Date Collected: 02/04/25 13:45

Client ID: TS-15R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.996	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-36 Date Collected: 02/04/25 13:45

Client ID: TS-15R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	106		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	109		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	103		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	108		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	107		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	116		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	104		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	113		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	145		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	100		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	108		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	117		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	140		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	122		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	116		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	119		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	130		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	118		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	**135**	Q	20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	93		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	97		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	95		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	92		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	96		15-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-37
Client ID: TS-15R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 13:47
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/06/25 15:59
Analyst: IMK
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	35.	1
Fluoranthene	61	J	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	71.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-37 Date Collected: 02/04/25 13:47

Client ID: TS-15R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	34	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	43	J	ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	36	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	25	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	54	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-37 Date Collected: 02/04/25 13:47

Client ID: TS-15R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	63.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	105		25-120
Phenol-d6	100		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	99		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-37
Client ID: TS-15R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 13:47
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/12/25 21:35
Analyst: SL
Percent Solids: 80%

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.140	J	ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.100	J	ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	0.049	J	ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.136	J	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	0.030	JF	ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.163	J	ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	0.091	J	ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	1.11		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.112	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.971		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	0.038	J	ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	0.034	JF	ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.022	J	ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.032	J	ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	0.027	J	ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-37 Date Collected: 02/04/25 13:47

Client ID: TS-15R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-37 Date Collected: 02/04/25 13:47

Client ID: TS-15R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	104		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	101		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	102		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	102		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	109		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	109		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	143		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	95		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	106		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	165		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	100		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	105		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	108		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	116		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	105		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	96		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	87		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	86		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	94		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	88		15-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-38
Client ID: TS-15R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 13:50
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/26/25 16:08
Analyst: AC
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 02/26/25 07:30
Cleanup Method: EPA 1633
Cleanup Date: 02/26/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.116	J	ng/g	0.796	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.062	J	ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.796	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.086	J	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.115	J	ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	0.067	J	ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.732		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.428	J	ng/g	0.796	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.061	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.552		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.796	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.796	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.796	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-38 Date Collected: 02/04/25 13:50

Client ID: TS-15R-1.5-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.796	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.796	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.994	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.97	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.97	0.364	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-38 Date Collected: 02/04/25 13:50

Client ID: TS-15R-1.5-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	89		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	112		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	92		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	96		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	103		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	98		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	107		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	102		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	97		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	100		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	112		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	122		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	77		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	90		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	92		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	73		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	82		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-40
Client ID: TS-05R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 15:40
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/06/25 16:24
Analyst: IMK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1700		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	9000	E	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	1500		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-40 Date Collected: 02/04/25 15:40

Client ID: TS-05R-0-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	5000		ug/kg	110	21.	1
Benzo(a)pyrene	4200		ug/kg	150	46.	1
Benzo(b)fluoranthene	5100		ug/kg	110	32.	1
Benzo(k)fluoranthene	1500		ug/kg	110	30.	1
Chrysene	4200		ug/kg	110	20.	1
Acenaphthylene	370		ug/kg	150	29.	1
Anthracene	3200		ug/kg	110	37.	1
Benzo(ghi)perylene	2600		ug/kg	150	22.	1
Fluorene	2000		ug/kg	190	18.	1
Phenanthrene	9100	E	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	620		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	2600		ug/kg	150	26.	1
Pyrene	8100	E	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	1200		ug/kg	190	18.	1
2-Methylnaphthalene	710		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	48	J	ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	62	J	ug/kg	270	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-40 Date Collected: 02/04/25 15:40

Client ID: TS-05R-0-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	1100		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	102		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	105		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	109		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-40
Client ID: TS-05R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 15:40
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/12/25 21:44
Analyst: SL
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.802	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.401	0.039	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.802	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.022	JF	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.027	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	0.031	J	ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.146	J	ng/g	0.200	0.027	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.802	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.033	J	ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.564		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	0.073	J	ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.802	0.260	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	0.018	J	ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.055	J	ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	0.029	J	ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.802	0.039	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.802	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-40 Date Collected: 02/04/25 15:40

Client ID: TS-05R-0-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.802	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.802	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.027	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.401	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.401	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.401	0.047	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.401	0.083	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.01	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.01	0.366	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-40 Date Collected: 02/04/25 15:40

Client ID: TS-05R-0-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	103		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	103		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	103		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	121		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	105		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	106		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	97		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	104		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	93		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	90		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	106		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	107		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	108		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	85		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	93		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	94		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	86		15-130

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-40 D
Client ID: TS-05R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 15:40
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/07/25 14:33
Analyst: IMK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	7100		ug/kg	570	110	5
Phenanthrene	6800		ug/kg	570	120	5
Pyrene	5600		ug/kg	570	94.	5

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-41
Client ID: TS-05R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 15:43
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/08/25 08:27
Analyst: CMM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 10:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	72	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-41 Date Collected: 02/04/25 15:43

Client ID: TS-05R-1.5-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	58	J	ug/kg	110	21.	1
Benzo(a)pyrene	72	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	90	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	50	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	56	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	50	J	ug/kg	150	26.	1
Pyrene	69	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-41 Date Collected: 02/04/25 15:43

Client ID: TS-05R-1.5-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	78		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-41
Client ID: TS-05R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 15:43
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/12/25 21:52
Analyst: SL
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-41 Date Collected: 02/04/25 15:43

Client ID: TS-05R-1.5-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-41 Date Collected: 02/04/25 15:43

Client ID: TS-05R-1.5-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	105		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	105		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	100		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	89		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	97		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	102		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	114		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	109		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	110		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	114		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	94		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**158**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	119		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	114		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	106		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	122		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	102		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	100		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	106		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	90		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	100		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-46
Client ID: TS-10R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 16:05
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/08/25 08:42
Analyst: SLR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 10:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	510		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-46 Date Collected: 02/04/25 16:05

Client ID: TS-10R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	240		ug/kg	110	21.	1
Benzo(a)pyrene	260		ug/kg	150	45.	1
Benzo(b)fluoranthene	340		ug/kg	110	31.	1
Benzo(k)fluoranthene	120		ug/kg	110	29.	1
Chrysene	260		ug/kg	110	19.	1
Acenaphthylene	46	J	ug/kg	150	28.	1
Anthracene	43	J	ug/kg	110	36.	1
Benzo(ghi)perylene	180		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	150		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	42	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	180		ug/kg	150	26.	1
Pyrene	430		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-46 Date Collected: 02/04/25 16:05

Client ID: TS-10R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	66		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-46
Client ID: TS-10R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 16:05
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/12/25 22:34
Analyst: SL
Percent Solids: 90%

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.801	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.801	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.019	J	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.027	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.801	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.087	JF	ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.090	J	ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	0.181	J	ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.801	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	0.033	J	ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.020	J	ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.801	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.801	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-46 Date Collected: 02/04/25 16:05

Client ID: TS-10R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.801	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.801	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.083	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-46 Date Collected: 02/04/25 16:05

Client ID: TS-10R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	103		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	100		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	90		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	104		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	108		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	108		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	107		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	112		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	100		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	102		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	113		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	107		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	104		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	114		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	119		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	102		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	103		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	81		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	84		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	83		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	89		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-47
Client ID: TS-10R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 16:10
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/08/25 09:07
Analyst: SLR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 10:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	49	J	ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	2500		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-47 Date Collected: 02/04/25 16:10

Client ID: TS-10R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	1000		ug/kg	110	20.	1
Benzo(a)pyrene	970		ug/kg	140	44.	1
Benzo(b)fluoranthene	1400		ug/kg	110	30.	1
Benzo(k)fluoranthene	530		ug/kg	110	29.	1
Chrysene	1300		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	150		ug/kg	110	35.	1
Benzo(ghi)perylene	590		ug/kg	140	21.	1
Fluorene	93	J	ug/kg	180	18.	1
Phenanthrene	1000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	140		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	590		ug/kg	140	25.	1
Pyrene	2000		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	35	J	ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-47 Date Collected: 02/04/25 16:10

Client ID: TS-10R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	90	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	50		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-47
Client ID: TS-10R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 16:10
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/12/25 22:43
Analyst: SL
Percent Solids: 90%

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.795	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.795	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.795	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.150	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.135	J	ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	0.037	J	ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.795	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	0.052	J	ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.033	J	ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.029	J	ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.795	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.795	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-47 Date Collected: 02/04/25 16:10

Client ID: TS-10R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.795	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.795	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.994	0.091	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.97	0.234	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.97	0.363	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-47 Date Collected: 02/04/25 16:10

Client ID: TS-10R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	98		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	99		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	95		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	104		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	112		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	110		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	104		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	102		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	115		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	158		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	91		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	105		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	112		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	111		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	109		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	100		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	90		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	91		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	89		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	88		15-130

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-48
Client ID: TS-10R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/04/25 16:15
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/13/25 14:20
Analyst: IMK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/12/25 19:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	440		ug/kg	110	31.	1
Chrysene	360		ug/kg	110	19.	1
Indeno(1,2,3-cd)pyrene	190		ug/kg	140	25.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	107		23-120
2-Fluorobiphenyl	105		30-120
4-Terphenyl-d14	107		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-56
Client ID: TS-03R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 15:15
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/06/25 16:49
Analyst: IMK
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	27	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-56 Date Collected: 02/04/25 15:15

Client ID: TS-03R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	24	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-56 Date Collected: 02/04/25 15:15

Client ID: TS-03R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	104		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	101		18-120

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-56
Client ID: TS-03R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/04/25 15:15
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/12/25 22:52
Analyst: SL
Percent Solids: 81%

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.323	J	ng/g	0.802	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.186	J	ng/g	0.401	0.039	1
Perfluorobutanesulfonic Acid (PFBS)	0.023	J	ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.802	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.111	J	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.027	1
Perfluoroheptanoic Acid (PFHpA)	0.180	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.974		ng/g	0.200	0.027	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.802	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.367		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.922		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	0.137	J	ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.802	0.260	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	0.138	J	ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.090	J	ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.069	J	ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	0.051	J	ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.802	0.039	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.802	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-56 Date Collected: 02/04/25 15:15

Client ID: TS-03R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.802	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.802	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.027	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.401	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.401	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.401	0.047	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.401	0.083	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.01	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.01	0.366	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-56 Date Collected: 02/04/25 15:15

Client ID: TS-03R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	99		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	90		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	92		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	110		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	104		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	99		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	100		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	125		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	118		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	103		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	102		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	100		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	107		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	100		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	93		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	95		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	83		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	88		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-57
Client ID: TS-03R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 15:17
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/08/25 08:02
Analyst: CMM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 10:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	29	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-57 Date Collected: 02/04/25 15:17

Client ID: TS-03R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	27	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-57 Date Collected: 02/04/25 15:17

Client ID: TS-03R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	64		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-57
Client ID: TS-03R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 15:17
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/12/25 23:00
Analyst: SL
Percent Solids: 81%

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.499	J	ng/g	0.798	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.280	J	ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	0.033	J	ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.798	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.354		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.536		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	0.049	J	ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	3.30		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.245		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.708		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	0.046	J	ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.798	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	0.050	J	ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.026	JF	ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.030	J	ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.798	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.798	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-57 Date Collected: 02/04/25 15:17

Client ID: TS-03R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.798	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.798	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-57 Date Collected: 02/04/25 15:17

Client ID: TS-03R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	101		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	94		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	112		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	108		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	113		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	99		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	95		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	111		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	134		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	105		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	112		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	102		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	113		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	109		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	102		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	90		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	90		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	83		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	85		15-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-58
Client ID: TS-03R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 15:20
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/26/25 16:16
Analyst: AC
Percent Solids: 83%

Extraction Method: EPA 1633
Extraction Date: 02/26/25 07:30
Cleanup Method: EPA 1633
Cleanup Date: 02/26/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.188	J	ng/g	0.796	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.099	J	ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	0.056	J	ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.796	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.177	J	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	0.026	JF	ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.234		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	0.126	J	ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	1.61		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.150	J	ng/g	0.796	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.076	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.324		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.796	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.796	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.796	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-58 Date Collected: 02/04/25 15:20

Client ID: TS-03R-1.5-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.796	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.796	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.994	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.97	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.97	0.364	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-58 Date Collected: 02/04/25 15:20

Client ID: TS-03R-1.5-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	89		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	100		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	87		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	94		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	88		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	77		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	94		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	115		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	86		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	88		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	76		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/06/25 04:40
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/05/25 08:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 24 Batch: WG2026984-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/06/25 04:40
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/05/25 08:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 24 Batch: WG2026984-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/06/25 04:40
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/05/25 08:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 24 Batch: WG2026984-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	92		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/06/25 03:24
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 35,37,40,56 Batch: WG2027158-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/06/25 03:24
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 35,37,40,56 Batch: WG2027158-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/06/25 03:24
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 35,37,40,56 Batch: WG2027158-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	68		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/07/25 17:06
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 02/07/25 01:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 24 Batch: WG2027662-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	0.528
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.360
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	0.912
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.248
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.208
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.240
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.136
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.264
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	4.82
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.200
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.264
Perfluorooctanesulfonic Acid (PFOS)	0.272	J	ng/l	1.60	0.264
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.208
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	1.22
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.200
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.480
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.176
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.136
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.096
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.480
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.216
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.184
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	1.60
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	0.376
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.240

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/07/25 17:06
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 02/07/25 01:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 24 Batch: WG2027662-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	0.440
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	0.448
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.224
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.352
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.10
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.248
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.360
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.328
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.544
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	0.536
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	4.26
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	3.18

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/07/25 17:06
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 02/07/25 01:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 24 Batch: WG2027662-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	102		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	95		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	85		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	98		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	110		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	93		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	51		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	88		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	101		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	75		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	68		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	70		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	82		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/08/25 14:02
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 02/07/25 10:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 34,36,41,46-47,57 Batch: WG2027861-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/08/25 14:02
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 02/07/25 10:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 34,36,41,46-47,57 Batch: WG2027861-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/08/25 14:02
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 02/07/25 10:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 34,36,41,46-47,57 Batch: WG2027861-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	51		10-136
4-Terphenyl-d14	59		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/12/25 19:30
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 Batch: WG2028604-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/12/25 19:30
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 Batch: WG2028604-1					
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/12/25 19:30
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 02/10/25 17:10
Cleanup Method: EPA 1633
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 Batch: WG2028604-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	65		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	79		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	80		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	93		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	90		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	94		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	87		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	75		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	82		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	80		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	65		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	73		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/13/25 09:25
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/12/25 19:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 48 Batch: WG2029629-1					
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Chrysene	ND		ug/kg	100	17.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	78		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/26/25 13:16
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 02/26/25 07:30
Cleanup Method: EPA 1633
Cleanup Date: 02/26/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 29,38,58 Batch: WG2034141-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/26/25 13:16
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 02/26/25 07:30
Cleanup Method: EPA 1633
Cleanup Date: 02/26/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 29,38,58 Batch: WG2034141-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/26/25 13:16
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 02/26/25 07:30
Cleanup Method: EPA 1633
Cleanup Date: 02/26/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 29,38,58 Batch: WG2034141-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	92		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	111		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	94		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	99		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	94		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	113		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	103		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	99		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	95		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	103		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	108		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	93		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	97		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80		15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG2026984-2 WG2026984-3								
Acenaphthene	73		78		37-111	7		30
1,2,4-Trichlorobenzene	62		60		39-98	3		30
Hexachlorobenzene	72		79		40-140	9		30
Bis(2-chloroethyl)ether	72		74		40-140	3		30
2-Chloronaphthalene	70		69		40-140	1		30
1,2-Dichlorobenzene	60		61		40-140	2		30
1,3-Dichlorobenzene	57		56		40-140	2		30
1,4-Dichlorobenzene	59		58		36-97	2		30
3,3'-Dichlorobenzidine	72		75		40-140	4		30
2,4-Dinitrotoluene	76		86		48-143	12		30
2,6-Dinitrotoluene	72		76		40-140	5		30
Fluoranthene	79		84		40-140	6		30
4-Chlorophenyl phenyl ether	75		82		40-140	9		30
4-Bromophenyl phenyl ether	74		82		40-140	10		30
Bis(2-chloroisopropyl)ether	71		72		40-140	1		30
Bis(2-chloroethoxy)methane	81		75		40-140	8		30
Hexachlorobutadiene	53		54		40-140	2		30
Hexachlorocyclopentadiene	55		60		40-140	9		30
Hexachloroethane	51		55		40-140	8		30
Isophorone	72		70		40-140	3		30
Naphthalene	67		70		40-140	4		30
Nitrobenzene	74		74		40-140	0		30
NDPA/DPA	76		79		40-140	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG2026984-2 WG2026984-3								
n-Nitrosodi-n-propylamine	75		74		29-132	1		30
Bis(2-ethylhexyl)phthalate	68		70		40-140	3		30
Butyl benzyl phthalate	70		72		40-140	3		30
Di-n-butylphthalate	72		78		40-140	8		30
Di-n-octylphthalate	64		66		40-140	3		30
Diethyl phthalate	73		78		40-140	7		30
Dimethyl phthalate	72		72		40-140	0		30
Benzo(a)anthracene	77		82		40-140	6		30
Benzo(a)pyrene	89		94		40-140	5		30
Benzo(b)fluoranthene	83		90		40-140	8		30
Benzo(k)fluoranthene	86		88		40-140	2		30
Chrysene	81		83		40-140	2		30
Acenaphthylene	78		74		45-123	5		30
Anthracene	80		86		40-140	7		30
Benzo(ghi)perylene	87		93		40-140	7		30
Fluorene	77		83		40-140	8		30
Phenanthrene	79		86		40-140	8		30
Dibenzo(a,h)anthracene	88		93		40-140	6		30
Indeno(1,2,3-cd)pyrene	84		87		40-140	4		30
Pyrene	79		84		26-127	6		30
Biphenyl	85		88		40-140	3		30
4-Chloroaniline	50		65		40-140	26		30
2-Nitroaniline	72		73		52-143	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG2026984-2 WG2026984-3								
3-Nitroaniline	57		73		25-145	25		30
4-Nitroaniline	76		80		51-143	5		30
Dibenzofuran	76		79		40-140	4		30
2-Methylnaphthalene	60		64		40-140	6		30
1,2,4,5-Tetrachlorobenzene	75		76		2-134	1		30
Acetophenone	88		90		39-129	2		30
2,4,6-Trichlorophenol	72		71		30-130	1		30
p-Chloro-m-cresol	74		78		23-97	5		30
2-Chlorophenol	73		73		27-123	0		30
2,4-Dichlorophenol	75		70		30-130	7		30
2,4-Dimethylphenol	79		78		30-130	1		30
2-Nitrophenol	78		73		30-130	7		30
4-Nitrophenol	49		51		10-80	4		30
2,4-Dinitrophenol	51		43		20-130	17		30
4,6-Dinitro-o-cresol	76		77		20-164	1		30
Pentachlorophenol	69		71		9-103	3		30
Phenol	42		46		12-110	9		30
2-Methylphenol	68		69		30-130	1		30
3-Methylphenol/4-Methylphenol	64		63		30-130	2		30
2,4,5-Trichlorophenol	70		72		30-130	3		30
Benzoic Acid	**5**	Q	**0**	Q	10-164	NC		30
Benzyl Alcohol	56		64		26-116	13		30
Carbazole	81		85		55-144	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG2026984-2 WG2026984-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		55		21-120
Phenol-d6	42		42		10-120
Nitrobenzene-d5	82		78		23-120
2-Fluorobiphenyl	74		71		15-120
2,4,6-Tribromophenol	73		87		10-120
4-Terphenyl-d14	84		86		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 35,37,40,56 Batch: WG2027158-2 WG2027158-3								
Acenaphthene	56		71		31-137	24		50
1,2,4-Trichlorobenzene	53		68		38-107	25		50
Hexachlorobenzene	49		64		40-140	27		50
Bis(2-chloroethyl)ether	56		71		40-140	24		50
2-Chloronaphthalene	52		66		40-140	24		50
1,2-Dichlorobenzene	54		67		40-140	21		50
1,3-Dichlorobenzene	55		66		40-140	18		50
1,4-Dichlorobenzene	54		68		28-104	23		50
3,3'-Dichlorobenzidine	**38**	Q	49		40-140	25		50
2,4-Dinitrotoluene	70		91		40-132	26		50
2,6-Dinitrotoluene	63		83		40-140	27		50
Fluoranthene	56		73		40-140	26		50
4-Chlorophenyl phenyl ether	54		70		40-140	26		50
4-Bromophenyl phenyl ether	52		67		40-140	25		50
Bis(2-chloroisopropyl)ether	55		69		40-140	23		50
Bis(2-chloroethoxy)methane	58		74		40-117	24		50
Hexachlorobutadiene	49		61		40-140	22		50
Hexachlorocyclopentadiene	74		94		40-140	24		50
Hexachloroethane	56		71		40-140	24		50
Isophorone	56		72		40-140	25		50
Naphthalene	56		70		40-140	22		50
Nitrobenzene	61		76		40-140	22		50
NDPA/DPA	55		72		36-157	27		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 35,37,40,56 Batch: WG2027158-2 WG2027158-3								
n-Nitrosodi-n-propylamine	57		72		32-121	23		50
Bis(2-ethylhexyl)phthalate	70		94		40-140	29		50
Butyl benzyl phthalate	68		89		40-140	27		50
Di-n-butylphthalate	65		86		40-140	28		50
Di-n-octylphthalate	70		93		40-140	28		50
Diethyl phthalate	58		75		40-140	26		50
Dimethyl phthalate	54		70		40-140	26		50
Benzo(a)anthracene	56		73		40-140	26		50
Benzo(a)pyrene	61		80		40-140	27		50
Benzo(b)fluoranthene	57		72		40-140	23		50
Benzo(k)fluoranthene	58		76		40-140	27		50
Chrysene	58		74		40-140	24		50
Acenaphthylene	57		73		40-140	25		50
Anthracene	57		75		40-140	27		50
Benzo(ghi)perylene	55		72		40-140	27		50
Fluorene	56		72		40-140	25		50
Phenanthrene	55		70		40-140	24		50
Dibenzo(a,h)anthracene	54		71		40-140	27		50
Indeno(1,2,3-cd)pyrene	55		71		40-140	25		50
Pyrene	55		71		35-142	25		50
Biphenyl	55		71		37-127	25		50
4-Chloroaniline	48		59		40-140	21		50
2-Nitroaniline	70		92		47-134	27		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 35,37,40,56 Batch: WG2027158-2 WG2027158-3								
3-Nitroaniline	54		63		26-129	15		50
4-Nitroaniline	71		90		41-125	24		50
Dibenzofuran	55		70		40-140	24		50
2-Methylnaphthalene	51		65		40-140	24		50
1,2,4,5-Tetrachlorobenzene	52		66		40-117	24		50
Acetophenone	62		77		14-144	22		50
2,4,6-Trichlorophenol	58		78		30-130	29		50
p-Chloro-m-cresol	62		80		26-103	25		50
2-Chlorophenol	64		81		25-102	23		50
2,4-Dichlorophenol	58		76		30-130	27		50
2,4-Dimethylphenol	71		91		30-130	25		50
2-Nitrophenol	78		99		30-130	24		50
4-Nitrophenol	67		87		11-114	26		50
2,4-Dinitrophenol	80		101		4-130	23		50
4,6-Dinitro-o-cresol	82		107		10-130	26		50
Pentachlorophenol	59		76		17-109	25		50
Phenol	65		82		26-90	23		50
2-Methylphenol	64		80		30-130.	22		50
3-Methylphenol/4-Methylphenol	64		81		30-130	23		50
2,4,5-Trichlorophenol	60		75		30-130	22		50
Benzoic Acid	57		86		10-110	41		50
Benzyl Alcohol	62		78		40-140	23		50
Carbazole	58		76		54-128	27		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 35,37,40,56 Batch: WG2027158-2 WG2027158-3								
1,4-Dioxane	50		66		40-140	28		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		81		25-120
Phenol-d6	60		76		10-120
Nitrobenzene-d5	59		77		23-120
2-Fluorobiphenyl	48		65		30-120
2,4,6-Tribromophenol	47		63		10-136
4-Terphenyl-d14	53		71		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 24 Batch: WG2027662-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	106		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	87		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	103		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	97		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	128		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	112		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	112		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	102		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	126		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	134		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	111		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	115		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	105		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	96		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	99		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	125		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	108		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	119		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	91		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 24 Batch: WG2027662-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	113		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	111		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	121		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	112		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	112		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	125		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	121		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	118		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	100		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	105		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	104		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	104		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	105		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	106		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	109		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	100		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	101		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	94		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	87		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 24 Batch: WG2027662-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	114				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	108				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	114				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	123				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	108				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	112				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	106				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	**131**	Q			40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	112				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	103				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	97				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	103				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	102				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	104				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	107				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	100				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	105				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	100				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	96				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	88				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	89				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	84				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	96				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 24 Batch: WG2027662-3								
Perfluorobutanoic Acid (PFBA)	119		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	101		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	130		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	113		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	115		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	130		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	116		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	109		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	117		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	133		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	126		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	116		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	120		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	119		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	99		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	122		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	114		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	97		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	133		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	102		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 24 Batch: WG2027662-3								
Perfluorododecanoic Acid (PFDoA)	112		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	118		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	131		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	120		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	99		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	102		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	118		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	104		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	119		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	110		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	113		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	110		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	118		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	128		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	115		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	115		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	101		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	104		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 24 Batch: WG2027662-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	90				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	98				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	103				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	132				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	124				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	87				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	99				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	108				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	80				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	65				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	72				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 34,36,41,46-47,57 Batch: WG2027861-2 WG2027861-3								
Acenaphthene	62		73		31-137	16		50
1,2,4-Trichlorobenzene	58		69		38-107	17		50
Hexachlorobenzene	67		81		40-140	19		50
Bis(2-chloroethyl)ether	58		68		40-140	16		50
2-Chloronaphthalene	63		74		40-140	16		50
1,2-Dichlorobenzene	58		68		40-140	16		50
1,3-Dichlorobenzene	57		66		40-140	15		50
1,4-Dichlorobenzene	58		67		28-104	14		50
3,3'-Dichlorobenzidine	50		51		40-140	2		50
2,4-Dinitrotoluene	66		79		40-132	18		50
2,6-Dinitrotoluene	64		79		40-140	21		50
Fluoranthene	64		77		40-140	18		50
4-Chlorophenyl phenyl ether	64		76		40-140	17		50
4-Bromophenyl phenyl ether	64		78		40-140	20		50
Bis(2-chloroisopropyl)ether	53		65		40-140	20		50
Bis(2-chloroethoxy)methane	61		75		40-117	21		50
Hexachlorobutadiene	59		68		40-140	14		50
Hexachlorocyclopentadiene	73		86		40-140	16		50
Hexachloroethane	58		66		40-140	13		50
Isophorone	57		71		40-140	22		50
Naphthalene	60		69		40-140	14		50
Nitrobenzene	59		68		40-140	14		50
NDPA/DPA	64		78		36-157	20		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 34,36,41,46-47,57 Batch: WG2027861-2 WG2027861-3								
n-Nitrosodi-n-propylamine	57		69		32-121	19		50
Bis(2-ethylhexyl)phthalate	61		74		40-140	19		50
Butyl benzyl phthalate	68		80		40-140	16		50
Di-n-butylphthalate	64		78		40-140	20		50
Di-n-octylphthalate	63		75		40-140	17		50
Diethyl phthalate	63		77		40-140	20		50
Dimethyl phthalate	63		77		40-140	20		50
Benzo(a)anthracene	60		70		40-140	15		50
Benzo(a)pyrene	69		80		40-140	15		50
Benzo(b)fluoranthene	65		76		40-140	16		50
Benzo(k)fluoranthene	68		78		40-140	14		50
Chrysene	61		71		40-140	15		50
Acenaphthylene	68		81		40-140	17		50
Anthracene	64		76		40-140	17		50
Benzo(ghi)perylene	68		79		40-140	15		50
Fluorene	64		77		40-140	18		50
Phenanthrene	63		75		40-140	17		50
Dibenzo(a,h)anthracene	67		78		40-140	15		50
Indeno(1,2,3-cd)pyrene	64		76		40-140	17		50
Pyrene	64		77		35-142	18		50
Biphenyl	63		75		37-127	17		50
4-Chloroaniline	46		52		40-140	12		50
2-Nitroaniline	67		81		47-134	19		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 34,36,41,46-47,57 Batch: WG2027861-2 WG2027861-3								
3-Nitroaniline	50		54		26-129	8		50
4-Nitroaniline	63		74		41-125	16		50
Dibenzofuran	62		75		40-140	19		50
2-Methylnaphthalene	55		65		40-140	17		50
1,2,4,5-Tetrachlorobenzene	63		74		40-117	16		50
Acetophenone	62		74		14-144	18		50
2,4,6-Trichlorophenol	61		75		30-130	21		50
p-Chloro-m-cresol	64		79		26-103	21		50
2-Chlorophenol	63		75		25-102	17		50
2,4-Dichlorophenol	64		78		30-130	20		50
2,4-Dimethylphenol	73		89		30-130	20		50
2-Nitrophenol	62		75		30-130	19		50
4-Nitrophenol	66		84		11-114	24		50
2,4-Dinitrophenol	54		66		4-130	20		50
4,6-Dinitro-o-cresol	65		78		10-130	18		50
Pentachlorophenol	62		78		17-109	23		50
Phenol	58		69		26-90	17		50
2-Methylphenol	64		78		30-130.	20		50
3-Methylphenol/4-Methylphenol	63		76		30-130	19		50
2,4,5-Trichlorophenol	69		84		30-130	20		50
Benzoic Acid	29		39		10-110	29		50
Benzyl Alcohol	63		74		40-140	16		50
Carbazole	64		77		54-128	18		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 34,36,41,46-47,57 Batch: WG2027861-2 WG2027861-3								
1,4-Dioxane	48		56		40-140	15		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		75		25-120
Phenol-d6	61		73		10-120
Nitrobenzene-d5	58		70		23-120
2-Fluorobiphenyl	61		73		30-120
2,4,6-Tribromophenol	71		86		10-136
4-Terphenyl-d14	67		78		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 Batch: WG2028604-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	103		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	89		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	97		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	109		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	106		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	114		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	117		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	105		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	111		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	104		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	78		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	104		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	90		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	94		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	89		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	99		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	93		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	105		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	92		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	84		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 Batch: WG2028604-2 LOW LEVEL								
(NEtFOSAA)								
Perfluorododecanoic Acid (PFDoA)	104		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	99		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	95		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	117		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	105		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	111		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	111		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	106		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	83		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	88		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	101		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	97		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	118		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	112		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	114		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	83		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	88		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	90		-		60-130	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 Batch: WG2028604-2 LOW LEVEL								
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	73		-		60-150	-		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	65				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	102				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	92				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	102				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	108				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	101				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	113				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	99				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	125				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	101				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	106				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	95				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	106				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	106				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	98				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	99				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	106				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	109				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	94				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	98				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	90				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 Batch: WG2028604-3								
Perfluorobutanoic Acid (PFBA)	105		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	114		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	106		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	105		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	96		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	102		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	93		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	98		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	113		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	107		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	116		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	100		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	100		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	104		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	99		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	102		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	97		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	103		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	107		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	94		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	116		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 Batch: WG2028604-3								
Perfluorododecanoic Acid (PFDoA)	108		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	103		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	116		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	108		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	111		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	120		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	113		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	109		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	87		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	94		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	100		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	102		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	112		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	113		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	99		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	95		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	86		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	85		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	92		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 Batch: WG2028604-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	67				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	86				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	105				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	94				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	97				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	115				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	111				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	103				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	130				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	100				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	100				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	104				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	92				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	82				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	90				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	78				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	87				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 48 Batch: WG2029629-2 WG2029629-3								
Benzo(b)fluoranthene	98		71		40-140	32		50
Chrysene	94		69		40-140	31		50
Indeno(1,2,3-cd)pyrene	101		72		40-140	34		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	105		78		25-120
Phenol-d6	101		76		10-120
Nitrobenzene-d5	100		75		23-120
2-Fluorobiphenyl	94		72		30-120
2,4,6-Tribromophenol	105		79		10-136
4-Terphenyl-d14	100		75		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 29,38,58 Batch: WG2034141-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	112		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	97		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	102		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	104		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	117		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	110		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	130		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	108		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	118		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	120		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	124		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	96		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	117		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	101		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	100		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	110		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	123		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	119		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	121		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	96		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	111		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 29,38,58 Batch: WG2034141-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	107		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	109		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	77		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	106		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	112		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	139		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	128		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	128		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	95		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	106		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	112		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	108		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	110		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	115		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	114		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	93		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	111		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	101		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	91		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 29,38,58 Batch: WG2034141-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	104				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	93				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	101				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	102				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	115				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	93				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	105				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	96				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	101				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	93				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	107				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	103				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	101				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	101				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	106				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	125				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	96				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	99				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	87				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 29,38,58 Batch: WG2034141-3								
Perfluorobutanoic Acid (PFBA)	110		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	100		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	104		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	120		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	107		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	114		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	130		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	113		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	109		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	112		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	137		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	107		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	115		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	103		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	102		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	123		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	114		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	105		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	129		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	97		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	119		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 29,38,58 Batch: WG2034141-3								
Perfluorododecanoic Acid (PFDoA)	112		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	111		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	81		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	105		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	107		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	138		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	135		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	130		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	96		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	102		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	112		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	110		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	111		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	119		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	106		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	96		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	84		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	100		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	102		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 29,38,58 Batch: WG2034141-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	83				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	100				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	103				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	121				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	94				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	97				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	103				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	123				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	104				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	99				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	91				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	99				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	**131**	Q			20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	96				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	103				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	79				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	89				15-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 34,36,41,46-47,57 QC Batch ID: WG2027861-4 WG2027861-5 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8												
Acenaphthene	ND	1560	540	35		670	42		31-137	21		50
1,2,4-Trichlorobenzene	ND	1560	590	38		730	46		38-107	21		50
Hexachlorobenzene	ND	1560	540	**35**	Q	680	43		40-140	23		50
Bis(2-chloroethyl)ether	ND	1560	610	**39**	Q	760	48		40-140	22		50
2-Chloronaphthalene	ND	1560	600	**38**	Q	750	47		40-140	22		50
1,2-Dichlorobenzene	ND	1560	590	**38**	Q	720	45		40-140	20		50
1,3-Dichlorobenzene	ND	1560	580	**37**	Q	720	45		40-140	22		50
1,4-Dichlorobenzene	ND	1560	570	36		720	45		28-104	23		50
3,3'-Dichlorobenzidine	ND	1560	370	**24**	Q	410	**26**	Q	40-140	10		50
2,4-Dinitrotoluene	ND	1560	710	45		890	56		40-132	23		50
2,6-Dinitrotoluene	ND	1560	690	44		880	56		40-140	24		50
Fluoranthene	ND	1560	580	**37**	Q	700	44		40-140	19		50
4-Chlorophenyl phenyl ether	ND	1560	550	**35**	Q	670	42		40-140	20		50
4-Bromophenyl phenyl ether	ND	1560	530	**34**	Q	660	42		40-140	22		50
Bis(2-chloroisopropyl)ether	ND	1560	630	40		780	49		40-140	21		50
Bis(2-chloroethoxy)methane	ND	1560	630	40		790	50		40-117	23		50
Hexachlorobutadiene	ND	1560	590	**38**	Q	710	45		40-140	18		50
Hexachlorocyclopentadiene	ND	1560	310J	**20**	Q	360J	**23**	Q	40-140	15		50
Hexachloroethane	ND	1560	640	41		790	50		40-140	21		50
Isophorone	ND	1560	620	40		760	48		40-140	20		50
Naphthalene	ND	1560	590	**38**	Q	720	45		40-140	20		50
Nitrobenzene	ND	1560	700	45		860	54		40-140	21		50
NDPA/DPA	ND	1560	560	36		680	43		36-157	19		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 34,36,41,46-47,57 QC Batch ID: WG2027861-4 WG2027861-5 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8												
n-Nitrosodi-n-propylamine	ND	1560	630	40		770	49		32-121	20		50
Bis(2-ethylhexyl)phthalate	ND	1560	570	**36**	Q	690	44		40-140	19		50
Butyl benzyl phthalate	ND	1560	640	41		820	52		40-140	25		50
Di-n-butylphthalate	ND	1560	600	**38**	Q	730	46		40-140	20		50
Di-n-octylphthalate	ND	1560	610	**39**	Q	720	45		40-140	17		50
Diethyl phthalate	ND	1560	580	**37**	Q	720	45		40-140	22		50
Dimethyl phthalate	ND	1560	640	41		810	51		40-140	23		50
Benzo(a)anthracene	ND	1560	510	**33**	Q	600	**38**	Q	40-140	16		50
Benzo(a)pyrene	ND	1560	530	**34**	Q	620	**39**	Q	40-140	16		50
Benzo(b)fluoranthene	ND	1560	530	**34**	Q	620	**39**	Q	40-140	16		50
Benzo(k)fluoranthene	ND	1560	500	**32**	Q	580	**37**	Q	40-140	15		50
Chrysene	ND	1560	510	**33**	Q	590	**37**	Q	40-140	15		50
Acenaphthylene	ND	1560	670	43		840	53		40-140	23		50
Anthracene	ND	1560	560	**36**	Q	680	43		40-140	19		50
Benzo(ghi)perylene	ND	1560	530	**34**	Q	610	**39**	Q	40-140	14		50
Fluorene	ND	1560	550	**35**	Q	670	42		40-140	20		50
Phenanthrene	ND	1560	550	**35**	Q	670	42		40-140	20		50
Dibenzo(a,h)anthracene	ND	1560	510	**33**	Q	580	**37**	Q	40-140	13		50
Indeno(1,2,3-cd)pyrene	ND	1560	520	**33**	Q	600	**38**	Q	40-140	14		50
Pyrene	ND	1560	560	36		700	44		35-142	22		50
Biphenyl	ND	1560	600	38		740	47		37-127	21		50
4-Chloroaniline	ND	1560	660	42		800	51		40-140	19		50
2-Nitroaniline	ND	1560	820	52		1000	63		47-134	20		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 34,36,41,46-47,57 QC Batch ID: WG2027861-4 WG2027861-5 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8												
3-Nitroaniline	ND	1560	450	29		550	35		26-129	20		50
4-Nitroaniline	ND	1560	710	45		860	54		41-125	19		50
Dibenzofuran	ND	1560	560	**36**	Q	690	44		40-140	21		50
2-Methylnaphthalene	ND	1560	540	**35**	Q	660	42		40-140	20		50
1,2,4,5-Tetrachlorobenzene	ND	1560	630	40		770	49		40-117	20		50
Acetophenone	ND	1560	680	44		840	53		14-144	21		50
2,4,6-Trichlorophenol	ND	1560	620	40		790	50		30-130	24		50
p-Chloro-m-cresol	ND	1560	700	45		870	55		26-103	22		50
2-Chlorophenol	ND	1560	640	41		800	51		25-102	22		50
2,4-Dichlorophenol	ND	1560	650	42		820	52		30-130	23		50
2,4-Dimethylphenol	ND	1560	740	47		940	59		30-130	24		50
2-Nitrophenol	ND	1560	750	48		940	59		30-130	22		50
4-Nitrophenol	ND	1560	780	50		980	62		11-114	23		50
2,4-Dinitrophenol	ND	1560	670J	43		830J	52		4-130	21		50
4,6-Dinitro-o-cresol	ND	1560	790	51		980	62		10-130	21		50
Pentachlorophenol	ND	1560	530	34		680	43		17-109	25		50
Phenol	ND	1560	720	46		910	57		26-90	23		50
2-Methylphenol	ND	1560	680	44		850	54		30-130.	22		50
3-Methylphenol/4-Methylphenol	ND	1560	720	46		910	57		30-130	23		50
2,4,5-Trichlorophenol	ND	1560	680	44		830	52		30-130	20		50
Benzoic Acid	ND	1560	310J	20		440J	28		10-110	35		50
Benzyl Alcohol	ND	1560	730	47		930	59		40-140	24		50
Carbazole	ND	1560	580	**37**	Q	710	**45**	Q	54-128	20		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 34,36,41,46-47,57 QC Batch ID: WG2027861-4 WG2027861-5 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8												
1,4-Dioxane	ND	1560	620	40		750	47		40-140	19		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	34		42		10-136
2-Fluorobiphenyl	37		46		30-120
2-Fluorophenol	45		57		25-120
4-Terphenyl-d14	34		42		18-120
Nitrobenzene-d5	43		53		23-120
Phenol-d6	41		52		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 QC Batch ID: WG2028604-4 WG2028604-5 QC Sample: L2506139-20 Client ID: A04R-2-4												
Perfluorobutanoic Acid (PFBA)	0.058J	7.95	8.30	104		8.22	102		70-140	1		30
Perfluoropentanoic Acid (PFPeA)	ND	3.98	4.03	101		3.82	96		60-150	5		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.76	1.66	94		1.73	98		65-145	4		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	7.45	7.15	96		7.62	102		60-150	6		30
Perfluorohexanoic Acid (PFHxA)	0.040J	1.99	2.19	108		2.10	103		65-140	4		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.87	2.05	110		1.89	101		55-160	8		30
Perfluoroheptanoic Acid (PFHpA)	0.040J	1.99	2.28	113		2.54	125		65-145	11		30
Perfluorohexanesulfonic Acid (PFHxS)	0.025J	1.82	1.89	102		1.84	99		60-150	3		30
Perfluorooctanoic Acid (PFOA)	0.286	1.99	2.43	108		2.22	97		70-150	9		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	7.56	7.45	99		7.99	105		55-200	7		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.89	2.30	121		2.15	113		65-155	7		30
Perfluorononanoic Acid (PFNA)	ND	1.99	2.12	107		2.09	105		70-155	1		30
Perfluorooctanesulfonic Acid (PFOS)	0.094J	1.84	2.16	112		1.87	96		65-160	14		30
Perfluorodecanoic Acid (PFDA)	ND	1.99	2.08	105		1.95	98		70-155	6		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.64	7.52	99		6.97	91		70-150	8		30
Perfluorononanesulfonic Acid (PFNS)	ND	1.92	2.12	111		2.00	104		55-140	6		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.99	1.90	96		2.08	104		65-155	9		30
Perfluoroundecanoic Acid (PFUnA)	ND	1.99	2.12	107		2.12	106		70-155	0		30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.92	2.20	115		2.08	108		40-155	6		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 QC Batch ID: WG2028604-4 WG2028604-5 QC Sample: L2506139-20 Client ID: A04R-2-4												
Perfluorooctanesulfonamide (PFOSA)	ND	1.99	1.91	96		1.80	90		70-140	6		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.99	2.24	113		2.16	108		65-165	4		30
Perfluorododecanoic Acid (PFDoA)	ND	1.99	2.05	103		2.08	104		70-150	1		30
Perfluorotridecanoic Acid (PFTrDA)	ND	1.99	1.96	99		2.00	100		65-150	2		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.99	1.85	93		1.74	87		65-150	6		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	7.95	9.04	114		8.54	107		70-145	6		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	7.52	7.00	93		6.74	89		70-160	4		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	1.93	2.47	128		2.27	117		25-160	8		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	7.42	9.17	124		8.24	110		70-150	11		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	7.5	8.97	120		8.30	110		45-160	8		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.99	1.89	95		1.83	92		70-155	3		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.99	2.06	104		2.14	107		70-140	4		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	19.9	21.2	107		19.5	98		70-140	8		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	19.9	21.0	106		19.6	98		70-135	7		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.98	4.10	103		4.04	101		30-140	1		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.98	4.32	109		4.35	109		60-150	1		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.55	4.05	114		3.88	109		70-140	4		30
Nonafluoro-3,6-Dioxaheptanoic	ND	3.98	4.51	113		3.95	99		60-155	13		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 QC Batch ID: WG2028604-4 WG2028604-5 QC Sample: L2506139-20 Client ID: A04R-2-4												
Acid (NFDHA)												
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	9.94	9.63	97		9.50	95		45-130	1		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	49.7	47.3	95		46.4	93		60-130	2		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	49.7	46.2	93		44.5	89		60-150	4		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	86		92		40-275
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91		94		40-165
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	94		87		40-215
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	90		85		10-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86		96		40-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	85		93		15-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	86		82		10-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	101		121		40-135
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	75		82		20-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93		102		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	92		107		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		99		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		102		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95		104		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	99		111		40-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		92		40-130

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001

Lab Number: L2506139

Report Date: 03/12/25

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 QC Batch ID: WG2028604-4 WG2028604-5 QC Sample: L2506139-20 Client ID: A04R-2-4

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	97		112		40-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	100		111		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	103		119		20-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83		101		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91		96		35-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	101		114		40-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		98		40-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		86		40-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 QC Batch ID: WG2028604-6 WG2028604-7 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8												
Perfluorobutanoic Acid (PFBA)	ND	7.97	8.52	107		8.56	107		70-140	0		30
Perfluoropentanoic Acid (PFPeA)	ND	3.99	3.87	97		4.29	107		60-150	10		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.77	2.07	117		1.74	98		65-145	17		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	7.47	7.00	94		7.32	98		60-150	4		30
Perfluorohexanoic Acid (PFHxA)	ND	1.99	2.07	104		1.94	97		65-140	6		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.87	1.79	96		2.02	108		55-160	12		30
Perfluoroheptanoic Acid (PFHpA)	ND	1.99	2.33	117		1.84	92		65-145	24		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.83	1.92	105		1.94	106		60-150	1		30
Perfluorooctanoic Acid (PFOA)	ND	1.99	2.11	106		1.88	94		70-150	12		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	7.58	8.25	109		7.24	95		55-200	13		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.9	2.16	114		2.16	114		65-155	0		30
Perfluorononanoic Acid (PFNA)	ND	1.99	2.08	104		2.01	101		70-155	3		30
Perfluorooctanesulfonic Acid (PFOS)	0.070J	1.85	2.06	108		2.02	105		65-160	2		30
Perfluorodecanoic Acid (PFDA)	ND	1.99	2.02	101		2.04	102		70-155	1		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.66	6.97	91		7.46	97		70-150	7		30
Perfluorononanesulfonic Acid (PFNS)	ND	1.92	2.23	116		2.02	105		55-140	10		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.99	1.91	96		2.10	105		65-155	9		30
Perfluoroundecanoic Acid (PFUnA)	ND	1.99	2.12	106		2.08	104		70-155	2		30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.92	2.13	111		2.22	115		40-155	4		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 QC Batch ID: WG2028604-6 WG2028604-7 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8												
Perfluorooctanesulfonamide (PFOSA)	ND	1.99	1.99	100		1.95	98		70-140	2		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.99	2.19	110		2.22	111		65-165	1		30
Perfluorododecanoic Acid (PFDoA)	ND	1.99	2.14	107		2.06	103		70-150	4		30
Perfluorotridecanoic Acid (PFTrDA)	ND	1.99	2.06	103		1.99	100		65-150	3		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.99	1.83	92		2.38	119		65-150	26		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	7.97	8.47	106		8.45	106		70-145	0		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	7.54	7.36	98		7.62	101		70-160	3		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	1.94	2.40	124		2.42	125		25-160	1		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	7.44	8.87	119		8.73	117		70-150	2		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	7.52	8.28	110		8.78	117		45-160	6		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.99	1.72	86		1.80	90		70-155	5		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.99	2.01	101		2.00	100		70-140	0		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	19.9	20.6	103		20.3	102		70-140	1		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	19.9	20.2	101		20.3	102		70-135	0		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.99	4.51	113		4.38	110		30-140	3		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.99	4.67	117		4.53	113		60-150	3		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.56	3.93	110		3.54	99		70-140	10		30
Nonafluoro-3,6-Dioxaheptanoic	ND	3.99	4.04	101		3.82	96		60-155	6		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 QC Batch ID: WG2028604-6 WG2028604-7 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8												
Acid (NFDHA)												
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	9.97	9.10	91		9.25	93		45-130	2		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	49.8	43.2	87		42.4	85		60-130	2		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	49.8	47.7	96		44.2	89		60-150	8		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	102		105		40-275
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	106		101		40-165
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	105		113		40-215
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	107		105		10-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	101		92		40-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	101		98		15-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	108		102		10-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**175**	Q	106		40-135
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	90		87		20-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	114		106		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	107		105		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	103		97		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	100		105		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	114		105		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	114		113		40-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	106		110		40-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 20,25,28,31,34-37,40-41,46-47,56-57 QC Batch ID: WG2028604-6 WG2028604-7 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	110		112		40-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	116		111		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	117		98		20-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84		91		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	105		106		35-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	116		123		40-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	106		116		40-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	97		97		40-130

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-24
Client ID: FB-250204
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 09:25
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 02/09/25 14:31
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 02/07/25 12:27
Cleanup Method: EPA 3665A
Cleanup Date: 02/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-34
Client ID: TEI-SB-02-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 12:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/08/25 09:27
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 02/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.5	5.28	1	A
Aroclor 1221	ND		ug/kg	59.5	5.96	1	A
Aroclor 1232	ND		ug/kg	59.5	12.6	1	A
Aroclor 1242	ND		ug/kg	59.5	8.02	1	A
Aroclor 1248	ND		ug/kg	59.5	8.93	1	A
Aroclor 1254	ND		ug/kg	59.5	6.51	1	A
Aroclor 1260	ND		ug/kg	59.5	11.0	1	A
Aroclor 1262	ND		ug/kg	59.5	7.56	1	A
Aroclor 1268	ND		ug/kg	59.5	6.16	1	A
PCBs, Total	ND		ug/kg	59.5	5.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-35
Client ID: DUP-01
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 12:50
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/08/25 09:50
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 02/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.2	5.08	1	A
Aroclor 1221	ND		ug/kg	57.2	5.73	1	A
Aroclor 1232	ND		ug/kg	57.2	12.1	1	A
Aroclor 1242	ND		ug/kg	57.2	7.71	1	A
Aroclor 1248	ND		ug/kg	57.2	8.58	1	A
Aroclor 1254	ND		ug/kg	57.2	6.26	1	A
Aroclor 1260	ND		ug/kg	57.2	10.6	1	A
Aroclor 1262	ND		ug/kg	57.2	7.27	1	A
Aroclor 1268	ND		ug/kg	57.2	5.93	1	A
PCBs, Total	ND		ug/kg	57.2	5.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-46
Client ID: TS-10R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 16:05
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/08/25 09:58
Analyst: EMR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 02/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.2	4.82	1	A
Aroclor 1221	ND		ug/kg	54.2	5.44	1	A
Aroclor 1232	ND		ug/kg	54.2	11.5	1	A
Aroclor 1242	ND		ug/kg	54.2	7.31	1	A
Aroclor 1248	ND		ug/kg	54.2	8.14	1	A
Aroclor 1254	8.24	JIP	ug/kg	54.2	5.94	1	B
Aroclor 1260	ND		ug/kg	54.2	10.0	1	A
Aroclor 1262	ND		ug/kg	54.2	6.89	1	A
Aroclor 1268	ND		ug/kg	54.2	5.62	1	A
PCBs, Total	8.24	J	ug/kg	54.2	4.82	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/07/25 07:12
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 02/06/25 10:28
Cleanup Method: EPA 3665A
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 34-35,46 Batch: WG2027444-1						
Aroclor 1016	ND		ug/kg	47.2	4.19	A
Aroclor 1221	ND		ug/kg	47.2	4.73	A
Aroclor 1232	ND		ug/kg	47.2	10.0	A
Aroclor 1242	ND		ug/kg	47.2	6.36	A
Aroclor 1248	ND		ug/kg	47.2	7.08	A
Aroclor 1254	ND		ug/kg	47.2	5.16	A
Aroclor 1260	ND		ug/kg	47.2	8.72	A
Aroclor 1262	ND		ug/kg	47.2	6.00	A
Aroclor 1268	ND		ug/kg	47.2	4.89	A
PCBs, Total	ND		ug/kg	47.2	4.19	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/07/25 10:10
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 16:45
Cleanup Method: EPA 3665A
Cleanup Date: 02/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 24 Batch: WG2027612-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
Aroclor 1260	0.026	J	ug/l	0.071	0.015	B
PCBs, Total	0.026	J	ug/l	0.071	0.013	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 34-35,46 Batch: WG2027444-2 WG2027444-3									
Aroclor 1016	88		83		40-140	6		50	A
Aroclor 1260	88		82		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		90		30-150	A
Decachlorobiphenyl	80		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		93		30-150	B
Decachlorobiphenyl	69		71		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 24 Batch: WG2027612-2 WG2027612-3									
Aroclor 1016	68		67		40-140	1		50	A
Aroclor 1260	72		68		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		72		30-150	A
Decachlorobiphenyl	69		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		69		30-150	B
Decachlorobiphenyl	66		63		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001

Lab Number: L2506139

Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 34-35,46 QC Batch ID: WG2027444-4 WG2027444-5 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8													
Aroclor 1016	ND	366	336	92		327	95		40-140	3		50	A
Aroclor 1260	ND	366	360	98		350	101		40-140	3		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		90		30-150	A
Decachlorobiphenyl	90		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		90		30-150	B
Decachlorobiphenyl	77		80		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-04
Client ID: H09R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 16:15
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/25 11:38
Analyst: PEG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 07:08
Cleanup Method: EPA 3620B
Cleanup Date: 02/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.757	0.338	1	A
Alpha-BHC	ND		ug/kg	0.757	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.689	1	A
Heptachlor	ND		ug/kg	0.908	0.407	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.757	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.795	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.14	0.568	1	A
4,4'-DDE	172		ug/kg	1.82	0.420	1	B
4,4'-DDD	ND		ug/kg	1.82	0.648	1	A
4,4'-DDT	71.4		ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.757	0.360	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.54	1	A
cis-Chlordane	ND		ug/kg	2.27	0.633	1	A
trans-Chlordane	ND		ug/kg	2.27	0.599	1	A
Chlordane	ND		ug/kg	15.1	6.02	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-04 Date Collected: 02/03/25 16:15

Client ID: H09R-6-8 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-05
Client ID: H09R-8-10
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 16:20
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 16:15
Analyst: EJL
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/14/25 11:04
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	ND		ug/kg	1.78	0.412	1	B
4,4'-DDT	ND		ug/kg	1.78	1.43	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-06
Client ID: G08R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 16:25
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/25 11:50
Analyst: PEG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 07:08
Cleanup Method: EPA 3620B
Cleanup Date: 02/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.704	0.315	1	A
Alpha-BHC	ND		ug/kg	0.704	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.641	1	A
Heptachlor	ND		ug/kg	0.845	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.595	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.950	1	A
Endrin	ND		ug/kg	0.704	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.739	1	A
Endrin ketone	ND		ug/kg	1.69	0.435	1	A
Dieldrin	ND		ug/kg	1.06	0.528	1	A
4,4'-DDE	1.79		ug/kg	1.69	0.391	1	B
4,4'-DDD	ND		ug/kg	1.69	0.603	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.565	1	A
Endosulfan sulfate	ND		ug/kg	0.704	0.335	1	A
Methoxychlor	ND		ug/kg	3.17	0.986	1	A
Toxaphene	ND		ug/kg	31.7	8.87	1	A
cis-Chlordane	ND		ug/kg	2.11	0.588	1	A
trans-Chlordane	ND		ug/kg	2.11	0.558	1	A
Chlordane	ND		ug/kg	14.1	5.60	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-06 Date Collected: 02/03/25 16:25

Client ID: G08R-2-4 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-08
Client ID: G09R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 16:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/25 12:01
Analyst: PEG
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 07:08
Cleanup Method: EPA 3620B
Cleanup Date: 02/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.03	0.397	1	A
Lindane	ND		ug/kg	0.844	0.378	1	A
Alpha-BHC	ND		ug/kg	0.844	0.240	1	A
Beta-BHC	ND		ug/kg	2.03	0.768	1	A
Heptachlor	ND		ug/kg	1.01	0.454	1	A
Aldrin	ND		ug/kg	2.03	0.714	1	A
Heptachlor epoxide	ND		ug/kg	3.80	1.14	1	A
Endrin	ND		ug/kg	0.844	0.346	1	A
Endrin aldehyde	ND		ug/kg	2.53	0.887	1	A
Endrin ketone	ND		ug/kg	2.03	0.522	1	A
Dieldrin	2.24		ug/kg	1.27	0.633	1	B
4,4'-DDE	9.45		ug/kg	2.03	0.469	1	B
4,4'-DDD	ND		ug/kg	2.03	0.723	1	A
4,4'-DDT	7.35		ug/kg	2.03	1.63	1	B
Endosulfan I	ND		ug/kg	2.03	0.479	1	A
Endosulfan II	ND		ug/kg	2.03	0.677	1	A
Endosulfan sulfate	ND		ug/kg	0.844	0.402	1	A
Methoxychlor	ND		ug/kg	3.80	1.18	1	A
Toxaphene	ND		ug/kg	38.0	10.6	1	A
cis-Chlordane	1.51	JIP	ug/kg	2.53	0.706	1	B
trans-Chlordane	1.89	J	ug/kg	2.53	0.669	1	A
Chlordane	ND		ug/kg	16.9	6.71	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-08 Date Collected: 02/03/25 16:30

Client ID: G09R-0.5-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-09
Client ID: G09R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 16:32
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/13/25 12:35
Analyst: EJL
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/12/25 19:54
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	76.2		ug/kg	1.78	0.412	1	B
4,4'-DDT	22.3		ug/kg	1.78	1.43	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-10
Client ID: G09R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 16:37
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/17/25 17:03
Analyst: EMR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/15/25 01:26
Cleanup Method: EPA 3620B
Cleanup Date: 02/15/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/15/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	214		ug/kg	1.78	0.411	1	B
4,4'-DDT	22.9		ug/kg	1.78	1.43	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-11
Client ID: G09R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 16:40
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/26/25 15:16
Analyst: JAG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/15/25 00:57
Cleanup Method: EPA 3620B
Cleanup Date: 02/15/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/15/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	19.9		ug/kg	1.70	0.394	1	B
4,4'-DDT	4.27		ug/kg	1.70	1.37	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	36		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	36		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-15
Client ID: G09R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/03/25 16:42
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/05/25 15:57
Analyst: JAG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/14/25 18:32
Cleanup Method: EPA 3620B
Cleanup Date: 02/15/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/15/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	2.38		ug/kg	1.66	0.383	1	B
4,4'-DDT	ND		ug/kg	1.66	1.33	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-24
Client ID: FB-250204
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/04/25 09:25
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 02/08/25 19:20
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 02/07/25 11:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-24 Date Collected: 02/04/25 09:25

Client ID: FB-250204 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	57		30-150	B
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	60		30-150	A

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-24
Client ID: FB-250204
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 09:25
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 02/07/25 12:01
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 02/05/25 15:20

Methylation Date: 02/06/25 17:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	86		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-34
Client ID: TEI-SB-02-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 12:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/25 12:13
Analyst: PEG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 07:08
Cleanup Method: EPA 3620B
Cleanup Date: 02/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.369	1	A
Lindane	ND		ug/kg	0.784	0.351	1	A
Alpha-BHC	ND		ug/kg	0.784	0.223	1	A
Beta-BHC	ND		ug/kg	1.88	0.714	1	A
Heptachlor	ND		ug/kg	0.941	0.422	1	A
Aldrin	ND		ug/kg	1.88	0.663	1	A
Heptachlor epoxide	ND		ug/kg	3.53	1.06	1	A
Endrin	ND		ug/kg	0.784	0.322	1	A
Endrin aldehyde	ND		ug/kg	2.35	0.824	1	A
Endrin ketone	ND		ug/kg	1.88	0.485	1	A
Dieldrin	ND		ug/kg	1.18	0.588	1	A
4,4'-DDE	ND		ug/kg	1.88	0.435	1	A
4,4'-DDD	ND		ug/kg	1.88	0.671	1	A
4,4'-DDT	ND		ug/kg	1.88	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.445	1	A
Endosulfan II	ND		ug/kg	1.88	0.629	1	A
Endosulfan sulfate	ND		ug/kg	0.784	0.373	1	A
Methoxychlor	ND		ug/kg	3.53	1.10	1	A
Toxaphene	ND		ug/kg	35.3	9.88	1	A
cis-Chlordane	ND		ug/kg	2.35	0.656	1	A
trans-Chlordane	ND		ug/kg	2.35	0.621	1	A
Chlordane	ND		ug/kg	15.7	6.24	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-34 Date Collected: 02/04/25 12:45

Client ID: TEI-SB-02-6-8 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-34
Client ID: TEI-SB-02-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/04/25 12:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 02/07/25 12:13
Analyst: JAG
Percent Solids: 84%
Methylation Date: 02/06/25 17:44

Extraction Method: EPA 8151A
Extraction Date: 02/05/25 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	197	12.4	1	A
2,4,5-T	ND		ug/kg	197	6.10	1	A
2,4,5-TP (Silvex)	ND		ug/kg	197	5.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	67		30-150	A
DCAA	66		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-35
Client ID: DUP-01
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 12:50
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/25 00:38
Analyst: JAG/D
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.778	0.348	1	A
Alpha-BHC	ND		ug/kg	0.778	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.708	1	A
Heptachlor	ND		ug/kg	0.933	0.418	1	A
Aldrin	ND		ug/kg	1.87	0.657	1	A
Heptachlor epoxide	ND		ug/kg	3.50	1.05	1	A
Endrin	ND		ug/kg	0.778	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.817	1	A
Endrin ketone	ND		ug/kg	1.87	0.481	1	A
Dieldrin	ND		ug/kg	1.17	0.583	1	A
4,4'-DDE	ND		ug/kg	1.87	0.432	1	A
4,4'-DDD	ND		ug/kg	1.87	0.666	1	A
4,4'-DDT	ND		ug/kg	1.87	1.50	1	A
Endosulfan I	ND		ug/kg	1.87	0.441	1	A
Endosulfan II	ND		ug/kg	1.87	0.624	1	A
Endosulfan sulfate	ND		ug/kg	0.778	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.80	1	A
cis-Chlordane	ND		ug/kg	2.33	0.650	1	A
trans-Chlordane	ND		ug/kg	2.33	0.616	1	A
Chlordane	ND		ug/kg	15.6	6.18	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-35 Date Collected: 02/04/25 12:50

Client ID: DUP-01 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-35
Client ID: DUP-01
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 12:50
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 02/07/25 13:08
Analyst: JAG
Percent Solids: 84%
Methylation Date: 02/06/25 17:44

Extraction Method: EPA 8151A
Extraction Date: 02/05/25 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.4	1	A
2,4,5-T	ND		ug/kg	196	6.08	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	88		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-36
Client ID: TS-15R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 13:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/25 04:21
Analyst: JAG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 20:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.89	0.371	1	A
Lindane	ND		ug/kg	0.789	0.353	1	A
Alpha-BHC	ND		ug/kg	0.789	0.224	1	A
Beta-BHC	ND		ug/kg	1.89	0.718	1	A
Heptachlor	ND		ug/kg	0.947	0.425	1	A
Aldrin	ND		ug/kg	1.89	0.667	1	A
Heptachlor epoxide	ND		ug/kg	3.55	1.06	1	A
Endrin	ND		ug/kg	0.789	0.324	1	A
Endrin aldehyde	ND		ug/kg	2.37	0.829	1	A
Endrin ketone	ND		ug/kg	1.89	0.488	1	A
Dieldrin	2.81		ug/kg	1.18	0.592	1	B
4,4'-DDE	7.90		ug/kg	1.89	0.438	1	B
4,4'-DDD	ND		ug/kg	1.89	0.676	1	A
4,4'-DDT	3.63		ug/kg	1.89	1.52	1	B
Endosulfan I	ND		ug/kg	1.89	0.448	1	A
Endosulfan II	ND		ug/kg	1.89	0.633	1	A
Endosulfan sulfate	ND		ug/kg	0.789	0.376	1	A
Methoxychlor	ND		ug/kg	3.55	1.10	1	A
Toxaphene	ND		ug/kg	35.5	9.94	1	A
cis-Chlordane	0.874	JIP	ug/kg	2.37	0.660	1	B
trans-Chlordane	1.82	JIP	ug/kg	2.37	0.625	1	B
Chlordane	ND		ug/kg	15.8	6.27	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-36 Date Collected: 02/04/25 13:45

Client ID: TS-15R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-37
Client ID: TS-15R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 13:47
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/25 00:50
Analyst: JAG/D
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.89	0.370	1	A
Lindane	ND		ug/kg	0.787	0.352	1	A
Alpha-BHC	ND		ug/kg	0.787	0.224	1	A
Beta-BHC	ND		ug/kg	1.89	0.716	1	A
Heptachlor	ND		ug/kg	0.944	0.423	1	A
Aldrin	ND		ug/kg	1.89	0.665	1	A
Heptachlor epoxide	3.30	J	ug/kg	3.54	1.06	1	B
Endrin	ND		ug/kg	0.787	0.323	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.826	1	A
Endrin ketone	ND		ug/kg	1.89	0.486	1	A
Dieldrin	37.8		ug/kg	1.18	0.590	1	B
4,4'-DDE	20.6		ug/kg	1.89	0.437	1	B
4,4'-DDD	ND		ug/kg	1.89	0.674	1	B
4,4'-DDT	5.94		ug/kg	1.89	1.52	1	B
Endosulfan I	ND		ug/kg	1.89	0.446	1	A
Endosulfan II	ND		ug/kg	1.89	0.631	1	A
Endosulfan sulfate	ND		ug/kg	0.787	0.375	1	A
Methoxychlor	ND		ug/kg	3.54	1.10	1	A
Toxaphene	ND		ug/kg	35.4	9.92	1	A
cis-Chlordane	1.40	JIP	ug/kg	2.36	0.658	1	B
trans-Chlordane	3.17	IP	ug/kg	2.36	0.623	1	B
Chlordane	ND		ug/kg	15.7	6.26	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-37 Date Collected: 02/04/25 13:47

Client ID: TS-15R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-38
Client ID: TS-15R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 13:50
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/13/25 12:48
Analyst: EJL
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/12/25 18:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	13.6		ug/kg	1.12	0.563	1	B
4,4'-DDE	28.1		ug/kg	1.80	0.416	1	B
4,4'-DDT	6.12		ug/kg	1.80	1.45	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-39
Client ID: TS-15R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 13:53
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/18/25 13:16
Analyst: EMR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 11:26
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	ND		ug/kg	1.08	0.542	1	A
4,4'-DDE	1.28	J	ug/kg	1.73	0.401	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-40
Client ID: TS-05R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/04/25 15:40
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/25 01:02
Analyst: JAG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.739	0.330	1	A
Alpha-BHC	ND		ug/kg	0.739	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	ND		ug/kg	0.886	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	1.64	JIP	ug/kg	3.32	0.997	1	B
Endrin	ND		ug/kg	0.739	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.776	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	4.19		ug/kg	1.11	0.554	1	B
4,4'-DDE	4.17		ug/kg	1.77	0.410	1	A
4,4'-DDD	2.65	IP	ug/kg	1.77	0.632	1	B
4,4'-DDT	43.2		ug/kg	1.77	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.419	1	A
Endosulfan II	ND		ug/kg	1.77	0.592	1	A
Endosulfan sulfate	ND		ug/kg	0.739	0.352	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.31	1	A
cis-Chlordane	15.3		ug/kg	2.22	0.618	1	A
trans-Chlordane	10.9		ug/kg	2.22	0.585	1	B
Chlordane	99.3		ug/kg	14.8	5.87	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-40 Date Collected: 02/04/25 15:40

Client ID: TS-05R-0-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-41
Client ID: TS-05R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 15:43
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/25 12:48
Analyst: EJL
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 07:08
Cleanup Method: EPA 3620B
Cleanup Date: 02/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.745	0.333	1	A
Alpha-BHC	ND		ug/kg	0.745	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.678	1	A
Heptachlor	ND		ug/kg	0.894	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.01	1	A
Endrin	ND		ug/kg	0.745	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.783	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	ND		ug/kg	1.12	0.559	1	A
4,4'-DDE	ND		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.638	1	A
4,4'-DDT	ND		ug/kg	1.79	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.745	0.355	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.39	1	A
cis-Chlordane	ND		ug/kg	2.24	0.623	1	A
trans-Chlordane	ND		ug/kg	2.24	0.590	1	A
Chlordane	ND		ug/kg	14.9	5.92	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-41 Date Collected: 02/04/25 15:43

Client ID: TS-05R-1.5-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-46
Client ID: TS-10R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 16:05
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/25 07:43
Analyst: EJL
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 20:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.345	1	A
Lindane	ND		ug/kg	0.734	0.328	1	A
Alpha-BHC	ND		ug/kg	0.734	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.668	1	A
Heptachlor	ND		ug/kg	0.881	0.395	1	A
Aldrin	ND		ug/kg	1.76	0.620	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.991	1	A
Endrin	ND		ug/kg	0.734	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.770	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	ND		ug/kg	1.10	0.550	1	A
4,4'-DDE	19.7	IP	ug/kg	1.76	0.407	1	A
4,4'-DDD	11.8		ug/kg	1.76	0.628	1	B
4,4'-DDT	ND	IP	ug/kg	1.76	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.734	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.03	1	A
Toxaphene	ND		ug/kg	33.0	9.25	1	A
cis-Chlordane	2.13	J	ug/kg	2.20	0.614	1	A
trans-Chlordane	1.76	JIP	ug/kg	2.20	0.581	1	A
Chlordane	ND		ug/kg	14.7	5.83	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-46 Date Collected: 02/04/25 16:05

Client ID: TS-10R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	**29**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-47
Client ID: TS-10R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 16:10
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/25 07:55
Analyst: EJL
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 20:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.328	1	A
Lindane	ND		ug/kg	0.699	0.312	1	A
Alpha-BHC	ND		ug/kg	0.699	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.838	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.590	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.943	1	A
Endrin	ND		ug/kg	0.699	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.734	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND	IP	ug/kg	1.05	0.524	1	A
4,4'-DDE	5.46	IP	ug/kg	1.68	0.388	1	A
4,4'-DDD	3.20	IP	ug/kg	1.68	0.598	1	A
4,4'-DDT	ND	IP	ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.333	1	A
Methoxychlor	ND		ug/kg	3.14	0.978	1	A
Toxaphene	ND		ug/kg	31.4	8.80	1	A
cis-Chlordane	1.66	J	ug/kg	2.10	0.584	1	A
trans-Chlordane	1.46	JIP	ug/kg	2.10	0.553	1	A
Chlordane	ND		ug/kg	14.0	5.56	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-47 Date Collected: 02/04/25 16:10

Client ID: TS-10R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	32		30-150	A
Decachlorobiphenyl	**24**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-48
Client ID: TS-10R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 16:15
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/13/25 13:00
Analyst: EJL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/12/25 18:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	26.0		ug/kg	1.75	0.404	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**229**	Q	30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-49
Client ID: TS-10R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 16:20
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/18/25 13:26
Analyst: EMR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 11:26
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	23.9	P	ug/kg	1.81	0.419	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**3**	Q	30-150	A
Decachlorobiphenyl	**3**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-56
Client ID: TS-03R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 15:15
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/25 01:15
Analyst: JAG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.95	0.381	1	A
Lindane	ND		ug/kg	0.811	0.363	1	A
Alpha-BHC	ND		ug/kg	0.811	0.230	1	A
Beta-BHC	ND		ug/kg	1.95	0.738	1	A
Heptachlor	ND		ug/kg	0.973	0.436	1	A
Aldrin	ND		ug/kg	1.95	0.685	1	A
Heptachlor epoxide	ND		ug/kg	3.65	1.10	1	A
Endrin	ND		ug/kg	0.811	0.332	1	A
Endrin aldehyde	ND		ug/kg	2.43	0.852	1	A
Endrin ketone	ND		ug/kg	1.95	0.501	1	A
Dieldrin	1.83		ug/kg	1.22	0.608	1	A
4,4'-DDE	3.62		ug/kg	1.95	0.450	1	B
4,4'-DDD	ND		ug/kg	1.95	0.694	1	A
4,4'-DDT	3.16		ug/kg	1.95	1.56	1	A
Endosulfan I	ND		ug/kg	1.95	0.460	1	A
Endosulfan II	ND		ug/kg	1.95	0.650	1	A
Endosulfan sulfate	ND		ug/kg	0.811	0.386	1	A
Methoxychlor	ND		ug/kg	3.65	1.14	1	A
Toxaphene	ND		ug/kg	36.5	10.2	1	A
cis-Chlordane	ND		ug/kg	2.43	0.678	1	A
trans-Chlordane	ND		ug/kg	2.43	0.642	1	A
Chlordane	ND		ug/kg	16.2	6.45	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-56 Date Collected: 02/04/25 15:15

Client ID: TS-03R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-57
Client ID: TS-03R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/04/25 15:17
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/25 13:00
Analyst: EJL
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/07/25 07:12
Cleanup Method: EPA 3620B
Cleanup Date: 02/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.95	0.381	1	A
Lindane	ND		ug/kg	0.811	0.363	1	A
Alpha-BHC	ND		ug/kg	0.811	0.230	1	A
Beta-BHC	ND		ug/kg	1.95	0.738	1	A
Heptachlor	ND		ug/kg	0.974	0.436	1	A
Aldrin	ND		ug/kg	1.95	0.686	1	A
Heptachlor epoxide	ND		ug/kg	3.65	1.10	1	A
Endrin	ND		ug/kg	0.811	0.333	1	A
Endrin aldehyde	ND		ug/kg	2.43	0.852	1	A
Endrin ketone	ND		ug/kg	1.95	0.501	1	A
Dieldrin	ND		ug/kg	1.22	0.608	1	A
4,4'-DDE	ND		ug/kg	1.95	0.450	1	A
4,4'-DDD	ND		ug/kg	1.95	0.694	1	A
4,4'-DDT	ND		ug/kg	1.95	1.57	1	A
Endosulfan I	ND		ug/kg	1.95	0.460	1	A
Endosulfan II	ND		ug/kg	1.95	0.651	1	A
Endosulfan sulfate	ND		ug/kg	0.811	0.386	1	A
Methoxychlor	ND		ug/kg	3.65	1.14	1	A
Toxaphene	ND		ug/kg	36.5	10.2	1	A
cis-Chlordane	ND		ug/kg	2.43	0.678	1	A
trans-Chlordane	ND		ug/kg	2.43	0.643	1	A
Chlordane	ND		ug/kg	16.2	6.45	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-57 Date Collected: 02/04/25 15:17

Client ID: TS-03R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 02/07/25 08:19
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 02/05/25 15:23

Methylation Date: 02/06/25 17:44

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 24 Batch: WG2027150-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	81		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 02/07/25 09:28
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 02/05/25 15:25

Methylation Date: 02/06/25 17:44

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 34-35 Batch: WG2027154-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	79		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/06/25 16:20
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 35,37,40,56 Batch: WG2027183-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.657	0.294	A
Alpha-BHC	ND		ug/kg	0.657	0.187	A
Beta-BHC	ND		ug/kg	1.58	0.598	A
Heptachlor	ND		ug/kg	0.789	0.354	A
Aldrin	ND		ug/kg	1.58	0.556	A
Heptachlor epoxide	ND		ug/kg	2.96	0.888	A
Endrin	ND		ug/kg	0.657	0.270	A
Endrin aldehyde	ND		ug/kg	1.97	0.690	A
Endrin ketone	ND		ug/kg	1.58	0.406	A
Dieldrin	ND		ug/kg	0.986	0.493	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDD	ND		ug/kg	1.58	0.563	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.373	A
Endosulfan II	ND		ug/kg	1.58	0.527	A
Endosulfan sulfate	ND		ug/kg	0.657	0.313	A
Methoxychlor	ND		ug/kg	2.96	0.920	A
Toxaphene	ND		ug/kg	29.6	8.28	A
cis-Chlordane	ND		ug/kg	1.97	0.550	A
trans-Chlordane	ND		ug/kg	1.97	0.521	A
Chlordane	ND		ug/kg	13.1	5.23	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/06/25 16:20
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 35,37,40,56 Batch: WG2027183-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/07/25 02:42
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 02/05/25 20:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 36,46-47 Batch: WG2027210-1						
Delta-BHC	ND		ug/kg	1.52	0.297	A
Lindane	ND		ug/kg	0.632	0.282	A
Alpha-BHC	ND		ug/kg	0.632	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.575	A
Heptachlor	ND		ug/kg	0.758	0.340	A
Aldrin	ND		ug/kg	1.52	0.534	A
Heptachlor epoxide	ND		ug/kg	2.84	0.853	A
Endrin	ND		ug/kg	0.632	0.259	A
Endrin aldehyde	ND		ug/kg	1.90	0.664	A
Endrin ketone	ND		ug/kg	1.52	0.391	A
Dieldrin	ND		ug/kg	0.948	0.474	A
4,4'-DDE	ND		ug/kg	1.52	0.351	A
4,4'-DDD	ND		ug/kg	1.52	0.541	A
4,4'-DDT	ND		ug/kg	1.52	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.358	A
Endosulfan II	ND		ug/kg	1.52	0.507	A
Endosulfan sulfate	ND		ug/kg	0.632	0.301	A
Methoxychlor	ND		ug/kg	2.84	0.885	A
Toxaphene	ND		ug/kg	28.4	7.96	A
cis-Chlordane	ND		ug/kg	1.90	0.528	A
trans-Chlordane	ND		ug/kg	1.90	0.501	A
Chlordane	ND		ug/kg	12.6	5.02	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/07/25 02:42
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 02/05/25 20:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 36,46-47 Batch: WG2027210-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/07/25 08:05
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 16:41

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 24 Batch: WG2027611-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/07/25 08:05
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 16:41

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 24 Batch: WG2027611-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	84		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/10/25 11:03
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 02/07/25 07:08
Cleanup Method: EPA 3620B
Cleanup Date: 02/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04,06,08,34,41,57 Batch: WG2027741-1						
Delta-BHC	ND		ug/kg	1.55	0.303	A
Lindane	ND		ug/kg	0.646	0.288	A
Alpha-BHC	ND		ug/kg	0.646	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.587	A
Heptachlor	ND		ug/kg	0.775	0.347	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.90	0.872	A
Endrin	ND		ug/kg	0.646	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.678	A
Endrin ketone	ND		ug/kg	1.55	0.399	A
Dieldrin	ND		ug/kg	0.968	0.484	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.553	A
4,4'-DDT	ND		ug/kg	1.55	1.24	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.518	A
Endosulfan sulfate	ND		ug/kg	0.646	0.307	A
Methoxychlor	ND		ug/kg	2.90	0.904	A
Toxaphene	ND		ug/kg	29.0	8.13	A
cis-Chlordane	ND		ug/kg	1.94	0.540	A
trans-Chlordane	ND		ug/kg	1.94	0.511	A
Chlordane	ND		ug/kg	12.9	5.13	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/10/25 11:03
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 02/07/25 07:08
Cleanup Method: EPA 3620B
Cleanup Date: 02/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04,06,08,34,41,57 Batch: WG2027741-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/13/25 11:58
Analyst: DLP

Extraction Method: EPA 3546
Extraction Date: 02/12/25 07:11
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09,38,48 Batch: WG2029260-1						
Dieldrin	ND		ug/kg	0.962	0.481	A
4,4'-DDE	ND		ug/kg	1.54	0.356	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/14/25 06:39
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 02/13/25 23:28
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG2030132-1						
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDT	ND		ug/kg	1.56	1.25	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/18/25 12:04
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 02/14/25 21:35
Cleanup Method: EPA 3620B
Cleanup Date: 02/15/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/15/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 10 Batch: WG2030492-1						
4,4'-DDE	ND		ug/kg	1.59	0.367	A
4,4'-DDT	ND		ug/kg	1.59	1.28	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/26/25 14:38
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 02/15/25 00:57
Cleanup Method: EPA 3620B
Cleanup Date: 02/15/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/15/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11 Batch: WG2030512-1						
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDT	ND		ug/kg	1.55	1.25	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/18/25 12:14
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 02/16/25 14:17
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 39,49 Batch: WG2030758-1						
Dieldrin	ND		ug/kg	0.987	0.494	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/05/25 15:24
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 02/14/25 18:32
Cleanup Method: EPA 3620B
Cleanup Date: 02/15/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/15/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 15 Batch: WG2036916-1						
4,4'-DDE	ND		ug/kg	1.60	0.369	A
4,4'-DDT	ND		ug/kg	1.60	1.28	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	84		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 24 Batch: WG2027150-2 WG2027150-3									
2,4-D	101		109		30-150	8		25	A
2,4,5-T	101		110		30-150	9		25	A
2,4,5-TP (Silvex)	98		106		30-150	8		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	102		111		30-150	A
DCAA	105		115		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 34-35 Batch: WG2027154-2 WG2027154-3									
2,4-D	91		65		30-150	**33**	Q	30	A
2,4,5-T	79		61		30-150	26		30	A
2,4,5-TP (Silvex)	76		58		30-150	27		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	77		54		30-150	A
DCAA	82		51		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 35,37,40,56 Batch: WG2027183-2 WG2027183-3									
Delta-BHC	84		89		30-150	6		30	A
Lindane	86		89		30-150	3		30	A
Alpha-BHC	90		92		30-150	2		30	A
Beta-BHC	80		82		30-150	2		30	A
Heptachlor	87		91		30-150	4		30	A
Aldrin	84		88		30-150	5		30	A
Heptachlor epoxide	74		76		30-150	3		30	A
Endrin	92		97		30-150	5		30	A
Endrin aldehyde	68		70		30-150	3		30	A
Endrin ketone	89		94		30-150	5		30	A
Dieldrin	86		91		30-150	6		30	A
4,4'-DDE	82		86		30-150	5		30	A
4,4'-DDD	92		97		30-150	5		30	A
4,4'-DDT	99		104		30-150	5		30	A
Endosulfan I	81		87		30-150	7		30	A
Endosulfan II	85		91		30-150	7		30	A
Endosulfan sulfate	81		89		30-150	9		30	A
Methoxychlor	81		85		30-150	5		30	A
cis-Chlordane	76		81		30-150	6		30	A
trans-Chlordane	87		91		30-150	4		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 35,37,40,56 Batch: WG2027183-2 WG2027183-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		80		30-150	A
Decachlorobiphenyl	79		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		80		30-150	B
Decachlorobiphenyl	72		71		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 36,46-47 Batch: WG2027210-2 WG2027210-3									
Delta-BHC	74		80		30-150	8		30	A
Lindane	77		82		30-150	6		30	A
Alpha-BHC	80		85		30-150	6		30	A
Beta-BHC	76		80		30-150	5		30	A
Heptachlor	78		83		30-150	6		30	A
Aldrin	74		80		30-150	8		30	A
Heptachlor epoxide	64		70		30-150	9		30	A
Endrin	76		82		30-150	8		30	A
Endrin aldehyde	60		67		30-150	11		30	A
Endrin ketone	76		83		30-150	9		30	A
Dieldrin	80		86		30-150	7		30	A
4,4'-DDE	73		80		30-150	9		30	A
4,4'-DDD	80		86		30-150	7		30	A
4,4'-DDT	77		84		30-150	9		30	A
Endosulfan I	72		78		30-150	8		30	A
Endosulfan II	75		82		30-150	9		30	A
Endosulfan sulfate	71		77		30-150	8		30	A
Methoxychlor	73		79		30-150	8		30	A
cis-Chlordane	70		77		30-150	10		30	A
trans-Chlordane	85		92		30-150	8		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 36,46-47 Batch: WG2027210-2 WG2027210-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		79		30-150	A
Decachlorobiphenyl	70		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		74		30-150	B
Decachlorobiphenyl	67		72		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 24 Batch: WG2027611-2 WG2027611-3									
Delta-BHC	69		70		30-150	1		20	A
Lindane	91		91		30-150	1		20	A
Alpha-BHC	93		95		30-150	2		20	A
Beta-BHC	84		85		30-150	1		20	A
Heptachlor	74		76		30-150	3		20	A
Aldrin	66		69		30-150	4		20	A
Heptachlor epoxide	86		87		30-150	1		20	A
Endrin	93		94		30-150	1		20	A
Endrin aldehyde	77		77		30-150	0		20	A
Endrin ketone	95		97		30-150	3		20	A
Dieldrin	87		88		30-150	1		20	A
4,4'-DDE	81		81		30-150	0		20	A
4,4'-DDD	94		96		30-150	2		20	A
4,4'-DDT	105		107		30-150	2		20	A
Endosulfan I	85		84		30-150	2		20	A
Endosulfan II	87		87		30-150	0		20	A
Endosulfan sulfate	82		82		30-150	0		20	A
Methoxychlor	88		91		30-150	3		20	A
cis-Chlordane	75		75		30-150	0		20	A
trans-Chlordane	81		80		30-150	1		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 24 Batch: WG2027611-2 WG2027611-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		77		30-150	B
Decachlorobiphenyl	78		84		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		80		30-150	A
Decachlorobiphenyl	98		100		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04,06,08,34,41,57 Batch: WG2027741-2 WG2027741-3									
Delta-BHC	86		72		30-150	18		30	A
Lindane	94		79		30-150	17		30	A
Alpha-BHC	88		74		30-150	17		30	A
Beta-BHC	81		69		30-150	16		30	A
Heptachlor	96		81		30-150	17		30	A
Aldrin	90		76		30-150	17		30	A
Heptachlor epoxide	58		52		30-150	11		30	A
Endrin	95		83		30-150	13		30	A
Endrin aldehyde	71		64		30-150	10		30	A
Endrin ketone	97		88		30-150	10		30	A
Dieldrin	96		83		30-150	15		30	A
4,4'-DDE	89		78		30-150	13		30	A
4,4'-DDD	104		90		30-150	14		30	A
4,4'-DDT	106		93		30-150	13		30	A
Endosulfan I	86		75		30-150	14		30	A
Endosulfan II	92		80		30-150	14		30	A
Endosulfan sulfate	89		78		30-150	13		30	A
Methoxychlor	96		87		30-150	10		30	A
cis-Chlordane	80		70		30-150	13		30	A
trans-Chlordane	84		74		30-150	13		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04,06,08,34,41,57 Batch: WG2027741-2 WG2027741-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		58		30-150	A
Decachlorobiphenyl	40		37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		79		30-150	B
Decachlorobiphenyl	91		84		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09,38,48 Batch: WG2029260-2 WG2029260-3									
Dieldrin	95		83		30-150	13		30	A
4,4'-DDE	90		79		30-150	13		30	A
4,4'-DDT	93		81		30-150	14		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		66		30-150	A
Decachlorobiphenyl	74		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		65		30-150	B
Decachlorobiphenyl	76		65		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG2030132-2 WG2030132-3									
4,4'-DDE	78		71		30-150	9		30	A
4,4'-DDT	91		83		30-150	9		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		66		30-150	A
Decachlorobiphenyl	86		98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		90		30-150	B
Decachlorobiphenyl	97		109		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 10 Batch: WG2030492-2 WG2030492-3									
4,4'-DDE	79		82		30-150	4		30	A
4,4'-DDT	86		86		30-150	0		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		76		30-150	A
Decachlorobiphenyl	90		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		75		30-150	B
Decachlorobiphenyl	80		82		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11 Batch: WG2030512-2 WG2030512-3									
4,4'-DDE	31		50		30-150	**47**	Q	30	A
4,4'-DDT	36		55		30-150	**42**	Q	30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	33		55		30-150	A
Decachlorobiphenyl	**22**	Q	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	34		56		30-150	B
Decachlorobiphenyl	37		58		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 39,49 Batch: WG2030758-2 WG2030758-3									
Dieldrin	94		99		30-150	5		30	A
4,4'-DDE	83		89		30-150	7		30	A
4,4'-DDT	88		94		30-150	7		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		69		30-150	A
Decachlorobiphenyl	73		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		62		30-150	B
Decachlorobiphenyl	75		78		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 15 Batch: WG2036916-2 WG2036916-3									
4,4'-DDE	72		77		30-150	7		30	A
4,4'-DDT	79		80		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		59		30-150	A
Decachlorobiphenyl	76		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		73		30-150	B
Decachlorobiphenyl	86		86		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001

Lab Number: L2506139

Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 34-35 QC Batch ID: WG2027154-4 WG2027154-5 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8													
2,4-D	ND	195	154J	79		167J	85		30-150	8		30	A
2,4,5-T	ND	195	158J	81		176J	89		30-150	11		30	A
2,4,5-TP (Silvex)	ND	195	156J	80		173J	88		30-150	10		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	77		84		30-150	A
DCAA	81		89		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04,06,08,34,41,57 QC Batch ID: WG2027741-4 WG2027741-5 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8													
Delta-BHC	ND	38.4	30.2	79		31.5	81		30-150	4		50	A
Lindane	ND	38.4	31.8	83		32.6	83		30-150	2		50	A
Alpha-BHC	ND	38.4	29.8	78		30.5	78		30-150	2		50	A
Beta-BHC	ND	38.4	29.4	77		29.0	74		30-150	1		50	A
Heptachlor	ND	38.4	32.8	85		33.7	86		30-150	3		50	A
Aldrin	ND	38.4	30.6	80		31.7	81		30-150	4		50	A
Heptachlor epoxide	ND	38.4	22.2	58		21.9	56		30-150	1		50	A
Endrin	ND	38.4	35.3	92		36.4	93		30-150	3		50	A
Endrin aldehyde	ND	38.4	27.9	73		28.2	72		30-150	1		50	A
Endrin ketone	ND	38.4	37.5	98		38.2	98		30-150	2		50	A
Dieldrin	ND	38.4	35.5	92		36.6	94		30-150	3		50	A
4,4'-DDE	ND	38.4	32.8	85		34.0	87		30-150	4		50	A
4,4'-DDD	ND	38.4	39.3	102		40.0	102		30-150	2		50	A
4,4'-DDT	ND	38.4	40.2	105		41.4	106		30-150	3		50	A
Endosulfan I	ND	38.4	31.5	82		32.6	83		30-150	3		50	A
Endosulfan II	ND	38.4	34.4	90		35.3	90		30-150	3		50	A
Endosulfan sulfate	ND	38.4	34.1	89		34.7	89		30-150	2		50	A
Methoxychlor	ND	38.4	36.7	96		37.2	95		30-150	1		50	A
cis-Chlordane	ND	38.4	28.8	75		29.9	76		30-150	4		50	A
trans-Chlordane	ND	38.4	31.6	82		31.8	81		30-150	1		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001

Lab Number: L2506139

Report Date: 03/12/25

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04,06,08,34,41,57 QC Batch ID: WG2027741-4 WG2027741-5 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*	*Column*
2,4,5,6-Tetrachloro-m-xylene	58		60		30-150	A
Decachlorobiphenyl	42		40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		80		30-150	B
Decachlorobiphenyl	90		90		30-150	B

METALS

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-01
Client ID: H09R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 16:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	1.68		mg/kg	0.086	0.056	1	02/10/25 13:04	02/10/25 16:55	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-02
Client ID: H09R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 16:05
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.996		mg/kg	0.080	0.052	1	02/17/25 10:24	02/18/25 09:49	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-03
Client ID: H09R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 16:10
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.553		mg/kg	0.085	0.055	1	02/25/25 14:46	02/26/25 06:59	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-06 Date Collected: 02/03/25 16:25

Client ID: G08R-2-4 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Chromium, Total	18.7		mg/kg	0.848	0.719	2	02/10/25 11:21	02/10/25 15:56	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-08
Client ID: G09R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 16:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.53		mg/kg	1.04	0.452	2	02/10/25 11:21	02/10/25 16:02	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-15
Client ID: G09R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/03/25 16:42
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/10/25 13:04	02/10/25 16:59	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-17 Date Collected: 02/04/25 09:05

Client ID: A04R-0.5-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	19.0		mg/kg	0.968	0.418	2	02/10/25 11:21	02/10/25 16:07	EPA 3050B	1,6010D	DHL
Mercury, Total	4.05		mg/kg	0.486	0.317	5	02/10/25 13:04	02/10/25 21:55	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-18
Client ID: A04R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/04/25 09:07
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	16.6		mg/kg	0.996	0.430	2	02/17/25 09:55	02/18/25 13:57	EPA 3050B	1,6010D	EFM
Mercury, Total	3.90		mg/kg	0.105	0.068	1	02/17/25 10:24	02/18/25 09:59	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-19
Client ID: A04R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/04/25 09:10
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	2.57		mg/kg	0.077	0.050	1	02/25/25 14:46	02/26/25 07:02	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-24 Date Collected: 02/04/25 09:25

Client ID: FB-250204 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Barium, Total	ND		mg/l	0.0100	0.0021	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Calcium, Total	0.0464	J	mg/l	0.100	0.0350	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Iron, Total	ND		mg/l	0.0500	0.0090	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Magnesium, Total	ND		mg/l	0.100	0.0153	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Manganese, Total	ND		mg/l	0.0100	0.0016	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/07/25 14:30	02/11/25 08:55	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Potassium, Total	ND		mg/l	2.50	0.237	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Sodium, Total	ND		mg/l	2.00	0.120	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL
Zinc, Total	ND		mg/l	0.0500	0.0021	1	02/07/25 10:23	02/10/25 18:15	EPA 3005A	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-34
Client ID: TEI-SB-02-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/04/25 12:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8090		mg/kg	9.40	3.05	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.70	3.62	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.28		mg/kg	0.940	0.406	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Barium, Total	77.5		mg/kg	0.940	0.100	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.428	J	mg/kg	0.470	0.052	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.940	0.052	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Calcium, Total	1600		mg/kg	9.40	5.33	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Chromium, Total	16.0		mg/kg	0.940	0.797	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.75		mg/kg	1.88	0.233	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Copper, Total	19.4		mg/kg	0.940	0.213	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Iron, Total	11700		mg/kg	4.70	0.987	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Lead, Total	5.39		mg/kg	4.70	0.224	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Magnesium, Total	3640		mg/kg	9.40	1.53	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Manganese, Total	77.7		mg/kg	0.940	0.504	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.078	0.051	1	02/10/25 13:04	02/10/25 15:44	EPA 7471B	1,7471B	JWN
Nickel, Total	15.8		mg/kg	2.35	0.759	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Potassium, Total	983		mg/kg	235	47.6	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.88	0.309	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.470	0.280	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Sodium, Total	ND		mg/kg	188	99.6	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.88	0.848	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Vanadium, Total	20.5		mg/kg	0.940	0.142	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL
Zinc, Total	48.9		mg/kg	4.70	0.569	2	02/10/25 11:21	02/10/25 14:52	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-35 Date Collected: 02/04/25 12:50

Client ID: DUP-01 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8420		mg/kg	9.20	2.99	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.60	3.54	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Arsenic, Total	3.39		mg/kg	0.920	0.398	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Barium, Total	74.2		mg/kg	0.920	0.098	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.477		mg/kg	0.460	0.051	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.920	0.051	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Calcium, Total	2340		mg/kg	9.20	5.22	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Chromium, Total	15.3		mg/kg	0.920	0.780	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.69		mg/kg	1.84	0.228	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Copper, Total	22.5		mg/kg	0.920	0.209	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Iron, Total	13400		mg/kg	4.60	0.966	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Lead, Total	6.18		mg/kg	4.60	0.219	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Magnesium, Total	3900		mg/kg	9.20	1.50	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Manganese, Total	84.3		mg/kg	0.920	0.493	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.091	0.059	1	02/10/25 13:04	02/10/25 17:05	EPA 7471B	1,7471B	JWN
Nickel, Total	16.5		mg/kg	2.30	0.744	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Potassium, Total	1010		mg/kg	230	46.7	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.84	0.303	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.460	0.274	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Sodium, Total	ND		mg/kg	184	97.6	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.84	0.830	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Vanadium, Total	26.2		mg/kg	0.920	0.139	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL
Zinc, Total	49.2		mg/kg	4.60	0.558	2	02/10/25 11:21	02/10/25 16:37	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-36
Client ID: TS-15R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/04/25 13:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15600		mg/kg	9.32	3.03	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.66	3.59	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Arsenic, Total	24.5		mg/kg	0.932	0.403	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Barium, Total	81.4		mg/kg	0.932	0.099	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.567		mg/kg	0.466	0.051	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.276	J	mg/kg	0.932	0.051	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Calcium, Total	701		mg/kg	9.32	5.29	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Chromium, Total	22.6		mg/kg	0.932	0.790	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.72		mg/kg	1.86	0.231	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Copper, Total	21.4		mg/kg	0.932	0.212	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Iron, Total	17200		mg/kg	4.66	0.979	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Lead, Total	59.2		mg/kg	4.66	0.222	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Magnesium, Total	4700		mg/kg	9.32	1.52	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Manganese, Total	469		mg/kg	0.932	0.500	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Mercury, Total	1.05		mg/kg	0.094	0.061	1	02/10/25 13:04	02/10/25 17:08	EPA 7471B	1,7471B	JWN
Nickel, Total	17.3		mg/kg	2.33	0.753	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Potassium, Total	1140		mg/kg	233	47.3	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.86	0.307	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.466	0.278	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Sodium, Total	ND		mg/kg	186	98.8	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.86	0.841	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.4		mg/kg	0.932	0.141	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL
Zinc, Total	69.2		mg/kg	4.66	0.565	2	02/10/25 11:21	02/10/25 16:41	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-37 Date Collected: 02/04/25 13:47

Client ID: TS-15R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13000		mg/kg	9.70	3.15	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.85	3.74	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Arsenic, Total	29.8		mg/kg	0.970	0.419	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Barium, Total	62.3		mg/kg	0.970	0.103	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.473	J	mg/kg	0.485	0.053	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.135	J	mg/kg	0.970	0.053	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Calcium, Total	484		mg/kg	9.70	5.50	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Chromium, Total	19.4		mg/kg	0.970	0.823	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.30		mg/kg	1.94	0.241	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Copper, Total	15.5		mg/kg	0.970	0.220	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Iron, Total	14600		mg/kg	4.85	1.02	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Lead, Total	50.5		mg/kg	4.85	0.231	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Magnesium, Total	3850		mg/kg	9.70	1.58	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Manganese, Total	387		mg/kg	0.970	0.520	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Mercury, Total	1.34		mg/kg	0.090	0.059	1	02/10/25 13:04	02/10/25 17:18	EPA 7471B	1,7471B	JWN
Nickel, Total	14.0		mg/kg	2.43	0.784	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Potassium, Total	970		mg/kg	243	49.2	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.94	0.319	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.485	0.289	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Sodium, Total	ND		mg/kg	194	103.	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.94	0.875	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Vanadium, Total	23.6		mg/kg	0.970	0.146	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL
Zinc, Total	54.4		mg/kg	4.85	0.588	2	02/10/25 11:21	02/10/25 16:46	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-38
Client ID: TS-15R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/04/25 13:50
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	12.8		mg/kg	0.908	0.392	2	02/17/25 09:55	02/18/25 14:02	EPA 3050B	1,6010D	EFM
Mercury, Total	0.478		mg/kg	0.080	0.052	1	02/17/25 10:24	02/18/25 10:02	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-40 Date Collected: 02/04/25 15:40

Client ID: TS-05R-0-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5960		mg/kg	8.88	2.89	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.44	3.42	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Arsenic, Total	4.46		mg/kg	0.888	0.384	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Barium, Total	72.5		mg/kg	0.888	0.094	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.251	J	mg/kg	0.444	0.049	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.888	0.049	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Calcium, Total	16800		mg/kg	8.88	5.04	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Chromium, Total	9.71		mg/kg	0.888	0.753	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.99		mg/kg	1.78	0.220	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Copper, Total	41.7		mg/kg	0.888	0.202	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Iron, Total	9110		mg/kg	4.44	0.933	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Lead, Total	31.4		mg/kg	4.44	0.211	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Magnesium, Total	3060		mg/kg	8.88	1.45	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Manganese, Total	128		mg/kg	0.888	0.476	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.090	0.059	1	02/10/25 13:04	02/10/25 17:22	EPA 7471B	1,7471B	JWN
Nickel, Total	11.5		mg/kg	2.22	0.718	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Potassium, Total	1730		mg/kg	222	45.0	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.78	0.292	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.444	0.265	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Sodium, Total	125	J	mg/kg	178	94.2	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.78	0.801	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Vanadium, Total	16.1		mg/kg	0.888	0.134	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL
Zinc, Total	54.0		mg/kg	4.44	0.538	2	02/10/25 11:21	02/10/25 16:50	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-41 Date Collected: 02/04/25 15:43

Client ID: TS-05R-1.5-2 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15800		mg/kg	9.00	2.92	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.50	3.46	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Arsenic, Total	2.48		mg/kg	0.900	0.388	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Barium, Total	78.0		mg/kg	0.900	0.095	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.438	J	mg/kg	0.450	0.050	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.900	0.050	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Calcium, Total	1190		mg/kg	9.00	5.10	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Chromium, Total	21.8		mg/kg	0.900	0.763	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Cobalt, Total	13.1		mg/kg	1.80	0.223	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Copper, Total	33.0		mg/kg	0.900	0.204	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Iron, Total	20900		mg/kg	4.50	0.944	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Lead, Total	13.6		mg/kg	4.50	0.214	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Magnesium, Total	5590		mg/kg	9.00	1.47	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Manganese, Total	449		mg/kg	0.900	0.482	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.077	0.050	1	02/10/25 13:04	02/10/25 17:25	EPA 7471B	1,7471B	JWN
Nickel, Total	22.5		mg/kg	2.25	0.727	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Potassium, Total	1460		mg/kg	225	45.6	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.80	0.296	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.450	0.268	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	180	95.3	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.80	0.811	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Vanadium, Total	36.6		mg/kg	0.900	0.136	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM
Zinc, Total	58.0		mg/kg	4.50	0.545	2	02/10/25 20:33	02/11/25 12:27	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-46 Date Collected: 02/04/25 16:05

Client ID: TS-10R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10400		mg/kg	8.73	2.84	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.36	3.36	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Arsenic, Total	1.73		mg/kg	0.873	0.377	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Barium, Total	91.1		mg/kg	0.873	0.093	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.182	J	mg/kg	0.436	0.048	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.873	0.048	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Calcium, Total	41200		mg/kg	8.73	4.95	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Chromium, Total	28.8		mg/kg	0.873	0.740	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Cobalt, Total	6.47		mg/kg	1.74	0.216	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Copper, Total	26.3		mg/kg	0.873	0.198	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Iron, Total	13900		mg/kg	4.36	0.916	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Lead, Total	13.3		mg/kg	4.36	0.208	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Magnesium, Total	29000		mg/kg	8.73	1.42	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Manganese, Total	239		mg/kg	0.873	0.468	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.071	0.046	1	02/10/25 13:04	02/10/25 17:28	EPA 7471B	1,7471B	JWN
Nickel, Total	18.2		mg/kg	2.18	0.705	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Potassium, Total	5140		mg/kg	218	44.2	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.74	0.287	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.436	0.260	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	174	92.5	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.74	0.787	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Vanadium, Total	30.0		mg/kg	0.873	0.132	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM
Zinc, Total	86.1		mg/kg	4.36	0.529	2	02/10/25 20:33	02/11/25 12:32	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-47
Client ID: TS-10R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/04/25 16:10
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11800		mg/kg	8.87	2.88	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.43	3.41	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Arsenic, Total	4.10		mg/kg	0.887	0.383	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Barium, Total	72.5		mg/kg	0.887	0.094	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.289	J	mg/kg	0.443	0.049	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.069	J	mg/kg	0.887	0.049	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Calcium, Total	15800		mg/kg	8.87	5.03	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Chromium, Total	20.0		mg/kg	0.887	0.752	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Cobalt, Total	7.47		mg/kg	1.77	0.220	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Copper, Total	22.3		mg/kg	0.887	0.201	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Iron, Total	16300		mg/kg	4.43	0.931	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Lead, Total	18.7		mg/kg	4.43	0.211	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Magnesium, Total	11800		mg/kg	8.87	1.44	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Manganese, Total	344		mg/kg	0.887	0.475	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.079	0.051	1	02/10/25 21:00	02/11/25 12:46	EPA 7471B	1,7471B	JWN
Nickel, Total	14.4		mg/kg	2.22	0.716	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Potassium, Total	2680		mg/kg	222	45.0	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Selenium, Total	0.334	J	mg/kg	1.77	0.292	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.443	0.264	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	177	94.0	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.77	0.800	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Vanadium, Total	27.5		mg/kg	0.887	0.134	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM
Zinc, Total	41.4		mg/kg	4.43	0.537	2	02/10/25 20:33	02/11/25 12:36	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-56 Date Collected: 02/04/25 15:15

Client ID: TS-03R-0-1 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15300		mg/kg	9.34	3.04	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.67	3.60	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Arsenic, Total	22.5		mg/kg	0.934	0.404	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Barium, Total	76.4		mg/kg	0.934	0.099	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.532		mg/kg	0.467	0.051	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.231	J	mg/kg	0.934	0.051	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Calcium, Total	815		mg/kg	9.34	5.30	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Chromium, Total	22.2		mg/kg	0.934	0.792	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Cobalt, Total	8.39		mg/kg	1.87	0.232	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Copper, Total	19.0		mg/kg	0.934	0.212	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Iron, Total	18000		mg/kg	4.67	0.981	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Lead, Total	98.5		mg/kg	4.67	0.222	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Magnesium, Total	4010		mg/kg	9.34	1.52	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Manganese, Total	526		mg/kg	0.934	0.501	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Mercury, Total	0.219		mg/kg	0.080	0.052	1	02/10/25 21:00	02/11/25 12:49	EPA 7471B	1,7471B	JWN
Nickel, Total	15.9		mg/kg	2.34	0.755	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Potassium, Total	869		mg/kg	234	47.4	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Selenium, Total	0.314	J	mg/kg	1.87	0.307	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.467	0.278	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	187	99.0	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.87	0.842	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Vanadium, Total	32.9		mg/kg	0.934	0.141	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM
Zinc, Total	52.2		mg/kg	4.67	0.566	2	02/10/25 20:33	02/11/25 13:12	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-57 Date Collected: 02/04/25 15:17

Client ID: TS-03R-1-1.5 Date Received: 02/04/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16600		mg/kg	9.44	3.07	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.72	3.64	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Arsenic, Total	19.6		mg/kg	0.944	0.408	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Barium, Total	79.0		mg/kg	0.944	0.100	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.616		mg/kg	0.472	0.052	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.209	J	mg/kg	0.944	0.052	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Calcium, Total	724		mg/kg	9.44	5.35	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Chromium, Total	21.8		mg/kg	0.944	0.801	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Cobalt, Total	8.82		mg/kg	1.89	0.234	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Copper, Total	21.2		mg/kg	0.944	0.214	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Iron, Total	19500		mg/kg	4.72	0.991	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Lead, Total	84.2		mg/kg	4.72	0.225	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Magnesium, Total	4040		mg/kg	9.44	1.54	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Manganese, Total	590		mg/kg	0.944	0.506	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Mercury, Total	0.160		mg/kg	0.082	0.053	1	02/10/25 21:00	02/11/25 12:59	EPA 7471B	1,7471B	JWN
Nickel, Total	16.5		mg/kg	2.36	0.763	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Potassium, Total	818		mg/kg	236	47.9	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.89	0.311	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.472	0.281	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	189	100.	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.89	0.852	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Vanadium, Total	33.7		mg/kg	0.944	0.142	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM
Zinc, Total	52.0		mg/kg	4.72	0.572	2	02/10/25 20:33	02/11/25 13:16	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE
Lab Number: L2506139
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-58
Client ID: TS-03R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/04/25 15:20
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.15		mg/kg	0.912	0.394	2	02/17/25 09:55	02/18/25 14:06	EPA 3050B	1,6010D	EFM
Lead, Total	18.7		mg/kg	4.56	0.217	2	02/17/25 09:55	02/18/25 14:06	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 24 Batch: WG2027752-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/07/25 14:30	02/11/25 08:32	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 24 Batch: WG2027755-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Barium, Total	ND		mg/l	0.0100	0.0021	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Calcium, Total	ND		mg/l	0.100	0.0350	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Iron, Total	ND		mg/l	0.0500	0.0090	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Magnesium, Total	ND		mg/l	0.100	0.0153	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Manganese, Total	ND		mg/l	0.0100	0.0016	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Nickel, Total	ND		mg/l	0.0250	0.0024	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Potassium, Total	ND		mg/l	2.50	0.237	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Sodium, Total	ND		mg/l	2.00	0.120	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Zinc, Total	ND		mg/l	0.0500	0.0021	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06,08,17,34-37,40 Batch: WG2028472-1										
Aluminum, Total	1.44	J	mg/kg	4.00	1.30	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	1.54	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.042	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.022	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.022	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	2.27	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.099	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.091	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Iron, Total	3.35		mg/kg	2.00	0.420	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.095	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Magnesium, Total	0.842	J	mg/kg	4.00	0.652	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.214	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.323	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	20.3	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.132	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.119	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	42.4	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.361	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.060	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.242	1	02/10/25 11:21	02/10/25 14:30	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,15,17,34-37,40-41,46 Batch: WG2028474-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/10/25 13:04	02/10/25 15:37	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 41,46-47,56-57 Batch: WG2028567-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Antimony, Total	ND		mg/kg	2.00	1.54	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Barium, Total	ND		mg/kg	0.400	0.042	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Beryllium, Total	ND		mg/kg	0.200	0.022	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.400	0.022	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Calcium, Total	ND		mg/kg	4.00	2.27	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Cobalt, Total	ND		mg/kg	0.800	0.099	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Copper, Total	ND		mg/kg	0.400	0.091	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Iron, Total	0.538	J	mg/kg	2.00	0.420	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Lead, Total	ND		mg/kg	2.00	0.095	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Magnesium, Total	ND		mg/kg	4.00	0.652	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Manganese, Total	ND		mg/kg	0.400	0.214	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Nickel, Total	ND		mg/kg	1.00	0.323	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Potassium, Total	ND		mg/kg	100	20.3	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Selenium, Total	ND		mg/kg	0.800	0.132	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Silver, Total	ND		mg/kg	0.200	0.119	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Sodium, Total	ND		mg/kg	80.0	42.4	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Thallium, Total	ND		mg/kg	0.800	0.361	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Vanadium, Total	ND		mg/kg	0.400	0.060	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM
Zinc, Total	ND		mg/kg	2.00	0.242	1	02/10/25 20:33	02/11/25 12:18	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 47,56-57 Batch: WG2028568-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/10/25 21:00	02/11/25 12:19	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 18,38,58 Batch: WG2030661-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Lead, Total	ND		mg/kg	2.00	0.095	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,18,38 Batch: WG2030670-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/17/25 10:24	02/18/25 09:42	1,7471B	TAA

Prep Information

Digestion Method: EPA 7471B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03,19 Batch: WG2033867-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/25/25 14:46	02/26/25 06:40	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 24 Batch: WG2027752-2								
Mercury, Total	95		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 24 Batch: WG2027755-2					
Aluminum, Total	106	-	80-120	-	
Antimony, Total	92	-	80-120	-	
Arsenic, Total	100	-	80-120	-	
Barium, Total	104	-	80-120	-	
Beryllium, Total	105	-	80-120	-	
Cadmium, Total	105	-	80-120	-	
Calcium, Total	102	-	80-120	-	
Chromium, Total	108	-	80-120	-	
Cobalt, Total	106	-	80-120	-	
Copper, Total	108	-	80-120	-	
Iron, Total	107	-	80-120	-	
Lead, Total	102	-	80-120	-	
Magnesium, Total	105	-	80-120	-	
Manganese, Total	106	-	80-120	-	
Nickel, Total	109	-	80-120	-	
Potassium, Total	111	-	80-120	-	
Selenium, Total	102	-	80-120	-	
Silver, Total	110	-	80-120	-	
Sodium, Total	109	-	80-120	-	
Thallium, Total	99	-	80-120	-	
Vanadium, Total	109	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 24 Batch: WG2027755-2					
Zinc, Total	104	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06,08,17,34-37,40 Batch: WG2028472-2					
Aluminum, Total	104	-	80-120	-	
Antimony, Total	101	-	80-120	-	
Arsenic, Total	103	-	80-120	-	
Barium, Total	102	-	80-120	-	
Beryllium, Total	106	-	80-120	-	
Cadmium, Total	101	-	80-120	-	
Calcium, Total	107	-	80-120	-	
Chromium, Total	105	-	80-120	-	
Cobalt, Total	102	-	80-120	-	
Copper, Total	106	-	80-120	-	
Iron, Total	108	-	80-120	-	
Lead, Total	105	-	80-120	-	
Magnesium, Total	104	-	80-120	-	
Manganese, Total	105	-	80-120	-	
Nickel, Total	106	-	80-120	-	
Potassium, Total	108	-	80-120	-	
Selenium, Total	103	-	80-120	-	
Silver, Total	106	-	80-120	-	
Sodium, Total	109	-	80-120	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	105	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06,08,17,34-37,40 Batch: WG2028472-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,15,17,34-37,40-41,46 Batch: WG2028474-2					
Mercury, Total	96	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 41,46-47,56-57 Batch: WG2028567-2					
Aluminum, Total	106	-	80-120	-	
Antimony, Total	105	-	80-120	-	
Arsenic, Total	101	-	80-120	-	
Barium, Total	104	-	80-120	-	
Beryllium, Total	108	-	80-120	-	
Cadmium, Total	103	-	80-120	-	
Calcium, Total	107	-	80-120	-	
Chromium, Total	106	-	80-120	-	
Cobalt, Total	103	-	80-120	-	
Copper, Total	108	-	80-120	-	
Iron, Total	105	-	80-120	-	
Lead, Total	104	-	80-120	-	
Magnesium, Total	105	-	80-120	-	
Manganese, Total	106	-	80-120	-	
Nickel, Total	106	-	80-120	-	
Potassium, Total	113	-	80-120	-	
Selenium, Total	106	-	80-120	-	
Silver, Total	106	-	80-120	-	
Sodium, Total	111	-	80-120	-	
Thallium, Total	103	-	80-120	-	
Vanadium, Total	107	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 41,46-47,56-57 Batch: WG2028567-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 47,56-57 Batch: WG2028568-2					
Mercury, Total	94	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 18,38,58 Batch: WG2030661-2					
Arsenic, Total	98	-	80-120	-	
Lead, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02,18,38 Batch: WG2030670-2					
Mercury, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 03,19 Batch: WG2033867-2					
Mercury, Total	95	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 24 QC Batch ID: WG2027752-3 QC Sample: L2506341-03 Client ID: MS Sample												
Mercury, Total	0.00051	0.005	0.00524	94		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 24 QC Batch ID: WG2027755-3 QC Sample: L2506500-02 Client ID: MS Sample									
Aluminum, Total	ND	2	2.17	108	-	-	75-125	-	20
Antimony, Total	ND	0.5	0.562	112	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.126	105	-	-	75-125	-	20
Barium, Total	0.218	2	2.30	104	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.0530	106	-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.0538	102	-	-	75-125	-	20
Calcium, Total	105	10	113	80	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.214	107	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.518	104	-	-	75-125	-	20
Copper, Total	ND	0.25	0.281	112	-	-	75-125	-	20
Iron, Total	4.79	1	5.85	106	-	-	75-125	-	20
Lead, Total	ND	0.53	0.545	103	-	-	75-125	-	20
Magnesium, Total	26.5	10	36.9	104	-	-	75-125	-	20
Manganese, Total	2.82	0.5	3.30	96	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.535	107	-	-	75-125	-	20
Potassium, Total	2.79	10	14.4	116	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.128	107	-	-	75-125	-	20
Silver, Total	ND	0.05	0.0564	113	-	-	75-125	-	20
Sodium, Total	20.6	10	31.7	111	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.120	100	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.549	110	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 24 QC Batch ID: WG2027755-3 QC Sample: L2506500-02 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.507	101	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06,08,17,34-37,40 QC Batch ID: WG2028472-3 WG2028472-4 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8											
Aluminum, Total	8090	187	8170	**43**	Q	8480	**212**	Q	75-125	4	20
Antimony, Total	ND	46.8	25.5	**54**	Q	23.6	**51**	Q	75-125	8	20
Arsenic, Total	2.28	11.2	13.8	102		13.4	100		75-125	3	20
Barium, Total	77.5	187	243	88		240	88		75-125	1	20
Beryllium, Total	0.428J	4.68	4.85	104		4.74	103		75-125	2	20
Cadmium, Total	ND	4.96	4.53	91		4.45	91		75-125	2	20
Calcium, Total	1600	937	2540	100		2480	95		75-125	2	20
Chromium, Total	16.0	18.7	32.8	90		32.2	88		75-125	2	20
Cobalt, Total	7.75	46.8	52.3	95		51.3	94		75-125	2	20
Copper, Total	19.4	23.4	43.0	101		40.8	93		75-125	5	20
Iron, Total	11700	93.7	11800	107		12100	**434**	Q	75-125	3	20
Lead, Total	5.39	49.6	55.2	100		54.6	101		75-125	1	20
Magnesium, Total	3640	937	4570	99		4640	108		75-125	2	20
Manganese, Total	77.7	46.8	120	90		125	103		75-125	4	20
Nickel, Total	15.8	46.8	58.0	90		57.2	90		75-125	1	20
Potassium, Total	983	937	1880	96		1890	98		75-125	1	20
Selenium, Total	ND	11.2	11.2	100		11.0	99		75-125	2	20
Silver, Total	ND	4.68	4.32	92		4.20	91		75-125	3	20
Sodium, Total	ND	937	976	104		946	103		75-125	3	20
Thallium, Total	ND	11.2	11.0	98		10.7	97		75-125	3	20
Vanadium, Total	20.5	46.8	65.2	95		63.5	93		75-125	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06,08,17,34-37,40 QC Batch ID: WG2028472-3 WG2028472-4 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8									
Zinc, Total	48.9	46.8	90.0	88	92.6	95	75-125	3	20
Total Metals - Mansfield Lab Associated sample(s): 01,15,17,34-37,40-41,46 QC Batch ID: WG2028474-3 WG2028474-4 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8									
Mercury, Total	ND	1.64	1.60	97	1.64	96	80-120	2	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 41,46-47,56-57 QC Batch ID: WG2028567-3 QC Sample: L2506077-01 Client ID: MS Sample										
Aluminum, Total	56200	649	57300	**169**	Q	-	-	75-125	-	20
Antimony, Total	ND	162	161	99		-	-	75-125	-	20
Arsenic, Total	4.41	39	43.1	99		-	-	75-125	-	20
Barium, Total	431	649	1110	104		-	-	75-125	-	20
Beryllium, Total	0.250J	16.2	17.9	110		-	-	75-125	-	20
Cadmium, Total	0.704J	17.2	18.2	106		-	-	75-125	-	20
Calcium, Total	26000	3250	28600	80		-	-	75-125	-	20
Chromium, Total	17.6	64.9	89.6	111		-	-	75-125	-	20
Cobalt, Total	2.74J	162	176	108		-	-	75-125	-	20
Copper, Total	793	81.2	914	**149**	Q	-	-	75-125	-	20
Iron, Total	18300	325	18400	**31**	Q	-	-	75-125	-	20
Lead, Total	34.0	172	222	109		-	-	75-125	-	20
Magnesium, Total	4600	3250	8170	110		-	-	75-125	-	20
Manganese, Total	927	162	1080	94		-	-	75-125	-	20
Nickel, Total	11.8	162	190	110		-	-	75-125	-	20
Potassium, Total	939	3250	5100	**128**	Q	-	-	75-125	-	20
Selenium, Total	6.78	39	51.9	116		-	-	75-125	-	20
Silver, Total	2.20	16.2	21.0	116		-	-	75-125	-	20
Sodium, Total	1040	3250	5190	**128**	Q	-	-	75-125	-	20
Thallium, Total	ND	39	39.0	100		-	-	75-125	-	20
Vanadium, Total	7.95	162	189	112		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 41,46-47,56-57 QC Batch ID: WG2028567-3 QC Sample: L2506077-01 Client ID: MS Sample									
Zinc, Total	1220	162	1380	98	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 47,56-57 QC Batch ID: WG2028568-3 QC Sample: L2505964-01 Client ID: MS Sample									
Mercury, Total	0.162	1.63	1.84	103	-	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 18,38,58 QC Batch ID: WG2030661-3 QC Sample: L2500778-19 Client ID: MS Sample									
Arsenic, Total	14.2	9.33	23.1	95	-	-	75-125	-	20
Lead, Total	62.0	41.2	113	124	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 02,18,38 QC Batch ID: WG2030670-3 QC Sample: L2506139-02 Client ID: H09R-1-1.5									
Mercury, Total	0.996	1.4	2.47	105	-	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 03,19 QC Batch ID: WG2033867-3 QC Sample: L2509455-01 Client ID: MS Sample									
Mercury, Total	ND	6.53	6.01	92	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 24 QC Batch ID: WG2027752-4 QC Sample: L2506341-03 Client ID: DUP Sample						
Mercury, Total	0.00051	0.00049	mg/l	4		20
Total Metals - Mansfield Lab Associated sample(s): 24 QC Batch ID: WG2027755-4 QC Sample: L2506500-02 Client ID: DUP Sample						
Iron, Total	4.79	4.78	mg/l	0		20
Total Metals - Mansfield Lab Associated sample(s): 41,46-47,56-57 QC Batch ID: WG2028567-4 QC Sample: L2506077-01 Client ID: DUP Sample						
Arsenic, Total	4.41	4.66	mg/kg	6		20
Cadmium, Total	0.704J	0.664J	mg/kg	NC		20
Chromium, Total	17.6	17.5	mg/kg	1		20
Copper, Total	793	764	mg/kg	4		20
Lead, Total	34.0	31.5	mg/kg	8		20
Nickel, Total	11.8	11.4	mg/kg	3		20
Potassium, Total	939	936	mg/kg	0		20
Selenium, Total	6.78	6.20J	mg/kg	NC		20
Zinc, Total	1220	1160	mg/kg	5		20
Total Metals - Mansfield Lab Associated sample(s): 47,56-57 QC Batch ID: WG2028568-4 QC Sample: L2505964-01 Client ID: DUP Sample						
Mercury, Total	0.162	0.249	mg/kg	**42**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 18,38,58 QC Batch ID: WG2030661-4 QC Sample: L2500778-19 Client ID: DUP Sample						
Lead, Total	62.0	36.6	mg/kg	**52**	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001

Lab Number: L2506139

Report Date: 03/12/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,18,38 QC Batch ID: WG2030670-4 QC Sample: L2506139-02 Client ID: H09R-1-1.5					
Mercury, Total	0.996	1.08	mg/kg	8	20
Total Metals - Mansfield Lab Associated sample(s): 03,19 QC Batch ID: WG2033867-4 QC Sample: L2509455-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06,08,17,34-37,40 QC Batch ID: WG2028472-6 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8						
Aluminum, Total	8090	8550	mg/kg	6		20
Barium, Total	77.5	81.2	mg/kg	5		20
Calcium, Total	1600	1740	mg/kg	9		20
Iron, Total	11700	12400	mg/kg	6		20
Magnesium, Total	3640	3930	mg/kg	8		20
Manganese, Total	77.7	82.8	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-01
Client ID: H09R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/03/25 16:00
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-02
Client ID: H09R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 16:05
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	02/13/25 03:34	121,2540G	MAA

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-03
Client ID: H09R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 16:10
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	02/20/25 19:14	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-04
Client ID: H09R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 16:15
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-05
Client ID: H09R-8-10
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 16:20
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	02/13/25 03:34	121,2540G	MAA

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-06
Client ID: G08R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/03/25 16:25
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI
Chromium, Hexavalent	0.290	J	mg/kg	0.858	0.172	1	02/06/25 03:13	02/07/25 12:12	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-08
Client ID: G09R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 16:30
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.7		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-09
Client ID: G09R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 16:32
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	02/12/25 16:50	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-10
Client ID: G09R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/03/25 16:37
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	02/15/25 09:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-11
Client ID: G09R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/03/25 16:40
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.2		%	0.100	NA	1	-	02/20/25 16:15	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-15
Client ID: G09R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/03/25 16:42
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.6		%	0.100	NA	1	-	02/07/25 12:21	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-17
Client ID: A04R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/04/25 09:05
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.0		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-18
Client ID: A04R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/04/25 09:07
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.4		%	0.100	NA	1	-	02/13/25 03:34	121,2540G	MAA

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-19
Client ID: A04R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/04/25 09:10
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	02/20/25 19:14	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-20
Client ID: A04R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/04/25 09:15
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.3		%	0.100	NA	1	-	02/07/25 08:01	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-21
Client ID: A04R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 09:30
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-24
Client ID: FB-250204
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Date Collected: 02/04/25 09:25
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	02/05/25 06:47	02/05/25 07:05	1,7196A	DMO

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-25
Client ID: B04R-0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 10:10
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.9		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-28
Client ID: B05R-0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 10:40
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	02/07/25 08:01	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-29
Client ID: B05R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/04/25 10:50
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	02/21/25 10:38	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-31
Client ID: A05R-0.2-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 10:25
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-34
Client ID: TEI-SB-02-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/04/25 12:45
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI
Chromium, Hexavalent	0.574	J	mg/kg	0.957	0.191	1	02/06/25 03:13	02/07/25 12:12	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-35
Client ID: DUP-01
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 12:50
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI
Chromium, Hexavalent	0.514	J	mg/kg	0.956	0.191	1	02/06/25 03:13	02/07/25 12:12	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-36
Client ID: TS-15R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 13:45
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.967	0.193	1	02/06/25 03:13	02/07/25 12:12	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-37
Client ID: TS-15R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 13:47
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.00	0.200	1	02/06/25 03:13	02/07/25 12:12	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-38
Client ID: TS-15R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 13:50
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	02/12/25 16:50	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-39
Client ID: TS-15R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 13:53
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	02/17/25 17:53	121,2540G	JAC

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-40
Client ID: TS-05R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 15:40
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.930	0.186	1	02/06/25 03:13	02/07/25 12:12	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-41
Client ID: TS-05R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 15:43
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.915	0.183	1	02/06/25 03:13	02/07/25 12:12	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-46
Client ID: TS-10R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 16:05
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.889	0.178	1	02/06/25 03:13	02/07/25 12:12	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-47
Client ID: TS-10R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 16:10
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	02/05/25 10:04	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.894	0.179	1	02/06/25 03:13	02/07/25 12:12	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-48
Client ID: TS-10R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 16:15
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	02/12/25 16:50	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-49
Client ID: TS-10R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 16:20
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	02/17/25 17:53	121,2540G	JAC

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-56
Client ID: TS-03R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 15:15
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	02/05/25 10:33	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.986	0.197	1	02/06/25 03:13	02/07/25 12:12	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-57
Client ID: TS-03R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 15:17
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.6		%	0.100	NA	1	-	02/05/25 10:33	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.992	0.198	1	02/06/25 03:13	02/07/25 12:34	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2506139-58
Client ID: TS-03R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 15:20
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	02/13/25 03:34	121,2540G	MAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506139

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 24 Batch: WG2026888-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	02/05/25 06:47	02/05/25 07:03	1,7196A	DMO
General Chemistry - Westborough Lab for sample(s): 06,34-37,40-41,46-47,56 Batch: WG2027249-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/06/25 03:13	02/07/25 12:12	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 57 Batch: WG2027250-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/06/25 03:13	02/07/25 12:34	1,7196A	RDS

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 24 Batch: WG2026888-2								
Chromium, Hexavalent	96		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 06,34-37,40-41,46-47,56 Batch: WG2027249-2								
Chromium, Hexavalent	101		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 57 Batch: WG2027250-2								
Chromium, Hexavalent	101		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 24 QC Batch ID: WG2026888-4 QC Sample: L2506139-24 Client ID: FB-250204												
Chromium, Hexavalent	ND	0.1	0.089	89		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 06,34-37,40-41,46-47,56 QC Batch ID: WG2027249-4 WG2027249-5 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8												
Chromium, Hexavalent	0.574J	1020	1020	100		1220	97		75-125	3		20
General Chemistry - Westborough Lab Associated sample(s): 57 QC Batch ID: WG2027250-4 QC Sample: L2506139-57 Client ID: TS-03R-1-1.5												
Chromium, Hexavalent	ND	1070	780	**73**	Q	-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 24 QC Batch ID: WG2026888-3 QC Sample: L2506139-24 Client ID: FB-250204						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01,04,06,08,17,21,25,31,34-37,40-41,46-47 QC Batch ID: WG2026890-1 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8						
Solids, Total	83.6	83.7	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 56-57 QC Batch ID: WG2027003-1 QC Sample: L2506138-02 Client ID: DUP Sample						
Solids, Total	91.0	90.8	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 06,34-37,40-41,46-47,56 QC Batch ID: WG2027249-7 QC Sample: L2506139-34 Client ID: TEI-SB-02-6-8						
Chromium, Hexavalent	0.574J	0.742J	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 57 QC Batch ID: WG2027250-6 QC Sample: L2506139-57 Client ID: TS-03R-1-1.5						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 20,28 QC Batch ID: WG2027730-1 QC Sample: L2506139-20 Client ID: A04R-2-4						
Solids, Total	87.3	86.8	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 15 QC Batch ID: WG2027822-1 QC Sample: L2506139-15 Client ID: G09R-2-4						
Solids, Total	94.6	95.0	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 09,38,48 QC Batch ID: WG2029581-1 QC Sample: L2505983-02 Client ID: DUP Sample						
Solids, Total	82.2	83.5	%	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02,05,18,58 QC Batch ID: WG2029686-1 QC Sample: L2506139-02 Client ID: H09R-1-1.5					
Solids, Total	89.6	88.6	%	1	20
General Chemistry - Westborough Lab Associated sample(s): 10 QC Batch ID: WG2030540-1 QC Sample: L2506139-10 Client ID: G09R-1.5-2					
Solids, Total	89.4	89.6	%	0	20
General Chemistry - Westborough Lab Associated sample(s): 39,49 QC Batch ID: WG2031101-1 QC Sample: L2506139-39 Client ID: TS-15R-2-2.5					
Solids, Total	87.2	87.8	%	1	20
General Chemistry - Westborough Lab Associated sample(s): 11 QC Batch ID: WG2032390-1 QC Sample: L2507621-09 Client ID: DUP Sample					
Solids, Total	91.4	91.2	%	0	20
General Chemistry - Westborough Lab Associated sample(s): 03,19 QC Batch ID: WG2032428-1 QC Sample: L2506139-03 Client ID: H09R-1.5-2					
Solids, Total	87.8	87.7	%	0	20
General Chemistry - Westborough Lab Associated sample(s): 29 QC Batch ID: WG2032558-1 QC Sample: L2506139-29 Client ID: B05R-2-4					
Solids, Total	89.4	90.6	%	1	20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506139-01A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HG-T(28)
L2506139-01B	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2506139-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HG-T(28)
L2506139-02B	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2506139-03A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HG-T(28)
L2506139-03B	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2506139-04A	Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		TS(7),NYTCL-8081(14)
L2506139-05A	Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		TS(7),NYTCL-8081(14)
L2506139-06A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		CR-TI(180)
L2506139-06B	Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506139-06C	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8081(14),HEXCR-7196(30)
L2506139-07A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-07B	Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2506139-07C	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2506139-08A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		AS-TI(180)
L2506139-08B	Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		TS(7),NYTCL-8081(14)
L2506139-09A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-09B	Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		TS(7),NYTCL-8081(14)
L2506139-10A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506139-10B	Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-WETCHEM(),TS(7),NYTCL-8081(14),HOLD-8081(14)
L2506139-11A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-11B	Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		S-EXT-NY/NJ/PA-8081(14),TS(7),NYTCL-8081(14)
L2506139-12A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-12B	Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8081(14)
L2506139-13A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-13B	Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8081(14)
L2506139-14A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-14B	Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8081(14)
L2506139-15A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HG-T(28)
L2506139-15B	Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		S-EXT-NY/NJ/PA-8081(14),TS(7),NYTCL-8081(14)
L2506139-16A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-16B	Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8081(14)
L2506139-17A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		AS-TI(180),HG-T(28)
L2506139-17B	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2506139-18A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		AS-TI(180),HG-T(28)
L2506139-18B	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2506139-19A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HG-T(28)
L2506139-19B	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2506139-20A	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-20A1	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-20A2	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		TS(7),A2-NY-1633(90)
L2506139-20B	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-20B1	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-20B2	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506139-21A	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-21B	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-22A	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-22B	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-23A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-23B	Vial water preserved	A	NA		2.4	Y	Absent	05-FEB-25 10:02	NYTCL-8260HLW(14)
L2506139-23C	Vial water preserved	A	NA		2.4	Y	Absent	05-FEB-25 10:02	NYTCL-8260HLW(14)
L2506139-24A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2506139-24B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2506139-24C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2506139-24D	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7)
L2506139-24E	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7)
L2506139-24F	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8081-RVT(7)
L2506139-24G	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8081-RVT(7)
L2506139-24H	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8082-RVT(365)
L2506139-24J	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8082-RVT(365)
L2506139-24K	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2506139-24L	Plastic 250ml unpreserved	A	7	7	2.4	Y	Absent		HEXCR-7196(1)
L2506139-24M	Amber 1L unpreserved	A	7	7	2.4	Y	Absent		HERB-APA(7)
L2506139-24N	Amber 1L unpreserved	A	7	7	2.4	Y	Absent		HERB-APA(7)
L2506139-24O	Plastic 500ml unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(28)
L2506139-25A	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-25B	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-26A	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506139-26B	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-27A	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-27B	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-28A	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-28A1	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-28A2	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-28B	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-28B1	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-28B2	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-29A	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-29B	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-30A	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-30B	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-31A	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-31B	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-32A	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-32B	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-33A	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-33B	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-34A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-34A1	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-34A2	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-34B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-34B1	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-34B2	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-34C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-34C1	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-34C2	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506139-34D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2506139-34D1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2506139-34D2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2506139-34E	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506139-34E1	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506139-34E2	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506139-34F	Glass 500ml/16oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506139-34F1	Glass 500ml/16oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506139-34F2	Glass 500ml/16oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506139-34G	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506139-34G1	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506139-34G2	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506139-34H	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-34H1	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-34H2	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-34J	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-34J1	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-34J2	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-34X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-34X1	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-34X2	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-34Y	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 09:41	NYTCL-8260HLW(14)
L2506139-34Y1	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 09:41	NYTCL-8260HLW(14)
L2506139-34Y2	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 09:41	NYTCL-8260HLW(14)
L2506139-34Z	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 09:41	NYTCL-8260HLW(14)
L2506139-34Z1	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 09:41	NYTCL-8260HLW(14)
L2506139-34Z2	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 09:41	NYTCL-8260HLW(14)
L2506139-35A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-35B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-35C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-35D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2506139-35E	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506139-35F	Glass 500ml/16oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506139-35G	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506139-35H	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-35J	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-35X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-35Y	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 10:21	NYTCL-8260HLW(14)
L2506139-35Z	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 10:21	NYTCL-8260HLW(14)
L2506139-36A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-36B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-36C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-36D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2506139-36E	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506139-36F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506139-36G	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506139-36H	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-36J	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-36X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-36Y	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 10:21	NYTCL-8260HLW(14)
L2506139-36Z	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 10:21	NYTCL-8260HLW(14)
L2506139-37A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2506139-37B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506139-37C	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506139-37D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-37E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-38A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		AS-TI(180),HG-T(28)
L2506139-38B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8081(14),HOLD-8270(14)
L2506139-38C	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8081(14),HOLD-8270(14)
L2506139-38D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-38E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-39A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-39B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8081(14),HOLD-8270(14)
L2506139-39C	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8081(14),HOLD-8270(14)
L2506139-39D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-39E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-40A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-40B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-40C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-40D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2506139-40E	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506139-40F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506139-40G	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506139-40H	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-40J	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-40X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-40Y	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 10:21	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506139-40Z	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 10:21	NYTCL-8260HLW(14)
L2506139-41A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2506139-41B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506139-41C	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506139-41D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-41E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-42A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.9	Y	Absent		HOLD-METAL(180)
L2506139-42B	Glass 120ml/4oz unpreserved	C	NA		3.9	Y	Absent		HOLD-8270(14),HOLD-8081(14)
L2506139-42C	Glass 250ml/8oz unpreserved	C	NA		3.9	Y	Absent		HOLD-8270(14),HOLD-8081(14)
L2506139-42D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-42E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-43A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.9	Y	Absent		HOLD-METAL(180)
L2506139-43B	Glass 120ml/4oz unpreserved	C	NA		3.9	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506139-43C	Glass 250ml/8oz unpreserved	C	NA		3.9	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506139-43D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-43E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-44A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-44B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		HOLD-8270(14),HOLD-8081(14)
L2506139-44C	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		HOLD-8270(14),HOLD-8081(14)
L2506139-44D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-44E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-45A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-45B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506139-45C	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		HOLD-8081(14),HOLD-8270(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506139-45D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-45E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-46A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-46B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-46C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-46D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2506139-46E	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506139-46F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506139-46G	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506139-46H	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-46J	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-46X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-46Y	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 10:21	NYTCL-8260HLW(14)
L2506139-46Z	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 10:21	NYTCL-8260HLW(14)
L2506139-47A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2506139-47B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506139-47C	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506139-47D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-47E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506139-47F	Glass 250ml/8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-8082(14)
L2506139-48A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.9	Y	Absent		HOLD-METAL(180)
L2506139-48B	Glass 120ml/4oz unpreserved	C	NA		3.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14)
L2506139-48C	Glass 250ml/8oz unpreserved	C	NA		3.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14)
L2506139-48D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-48E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90),HOLD-8082(14)
L2506139-48F	Glass 250ml/8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-8082(14)
L2506139-49A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.9	Y	Absent		HOLD-METAL(180)
L2506139-49B	Glass 120ml/4oz unpreserved	C	NA		3.9	Y	Absent		NYTCL-8081(14),HOLD-8270(14)
L2506139-49C	Glass 250ml/8oz unpreserved	C	NA		3.9	Y	Absent		NYTCL-8081(14),HOLD-8270(14)
L2506139-49D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-49E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-8082(14),HOLD-1633(90)
L2506139-49F	Glass 250ml/8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-8082(14)
L2506139-50A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.9	Y	Absent		HOLD-METAL(180)
L2506139-50B	Glass 120ml/4oz unpreserved	C	NA		3.9	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8270(14),HOLD-8081(14)
L2506139-50C	Glass 250ml/8oz unpreserved	C	NA		3.9	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8270(14),HOLD-8081(14)
L2506139-50D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-50E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-8082(14),HOLD-1633(90)
L2506139-50F	Glass 250ml/8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-8082(14)
L2506139-51A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.9	Y	Absent		HOLD-METAL(180)
L2506139-51B	Glass 120ml/4oz unpreserved	C	NA		3.9	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8270(14),HOLD-8081(14)
L2506139-51C	Glass 250ml/8oz unpreserved	C	NA		3.9	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8270(14),HOLD-8081(14)
L2506139-51D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-51E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90),HOLD-8082(14)
L2506139-51F	Glass 250ml/8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-8082(14)
L2506139-52A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.9	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506139-52B	Glass 120ml/4oz unpreserved	C	NA		3.9	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8081(14),HOLD-8270(14)
L2506139-52C	Glass 250ml/8oz unpreserved	C	NA		3.9	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8081(14),HOLD-8270(14)
L2506139-52D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-52E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-8082(14),HOLD-1633(90)
L2506139-52F	Glass 250ml/8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-8082(14)
L2506139-53A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-53B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8081(14),HOLD-8270(14)
L2506139-53C	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8081(14),HOLD-8270(14)
L2506139-53D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-53E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-54A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-54B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8081(14),HOLD-8270(14)
L2506139-54C	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8081(14),HOLD-8270(14)
L2506139-54D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-54E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-55A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-55B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8081(14),HOLD-8270(14)
L2506139-55C	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8081(14),HOLD-8270(14)
L2506139-55D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-55E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-56A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-56B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-56C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506139-56D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2506139-56E	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506139-56F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506139-56G	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506139-56H	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-56J	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-56X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506139-56Y	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 10:21	NYTCL-8260HLW(14)
L2506139-56Z	Vial Water preserved split	A	NA		2.4	Y	Absent	06-FEB-25 10:21	NYTCL-8260HLW(14)
L2506139-57A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2506139-57B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506139-57C	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506139-57D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-57E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2506139-58A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		AS-TI(180),PB-TI(180)
L2506139-58B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506139-58C	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506139-58D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2506139-58E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506139-59A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-59B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506139-59C	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506139-59D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-59E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-60A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-60B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		HOLD-8270(14),HOLD-8081(14)
L2506139-60C	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		HOLD-8270(14),HOLD-8081(14)
L2506139-60D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-60E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-61A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		HOLD-METAL(180)
L2506139-61B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		HOLD-8270(14),HOLD-8081(14)
L2506139-61C	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		HOLD-8270(14),HOLD-8081(14)
L2506139-61D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-61E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)
L2506139-62A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.9	Y	Absent		HOLD-METAL(180)
L2506139-62B	Glass 120ml/4oz unpreserved	C	NA		3.9	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506139-62C	Glass 250ml/8oz unpreserved	C	NA		3.9	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506139-62D	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2506139-62E	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		HOLD-1633(90)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506139
Report Date: 03/12/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506139
Project Number:	CV04.001	**Report Date:**	03/12/25

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506139
Project Number:	CV04.001	**Report Date:**	03/12/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506139
Project Number:	CV04.001	**Report Date:**	03/12/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506139
Report Date: 03/12/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

L2506139 11FEB25
TERRAPHASE

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Mercury	Arsenic	Total Chromium			Sample Comment
01	H09R-0.5-1	SS	G			2/3/25	1600	2								X					
02	H09R-1-1.5		G				1605	2								H					hold
03	H09R-1.5-2		G				1610	2								H					Hold
04	H09R-6-8		C				1615	2						X							
05	H09R-8-10		C				1620	2						H							hold
06	G08R-2-4		C				1625	3						X				X			
07	G08R-4-6		C				1627	3						H				H			Hold
08	G09R-0.5-1		G				1630	2						X			X				
09	G09R-1-1.5		G				1632	2						H			H				hold
10	G09R-1.5-2		G				1637	2						H			H				Hold

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Additional Instructions from Pace® :

Collected By: Printed Name: M Arc Mueller Signature:

Customer Remarks / Special Conditions / Possible Hazards:
Please provide data in Terraphase Equis EFWEDD Format

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time	Tracking Number
	2/4/25		2/4/25 1650	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) PAS	Date/Time: 2/4/25 1915	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature) PAS	Date/Time: 2/4/25	Received by/Company: (Signature)	Date/Time: 2/4/25 2030	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time: 2/6/25 0215	Received by/Company: (Signature)	Date/Time: 02/06/25 0225	Page: 1 of 8

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

ENV-FRM-CORO-0019_v02_110123 ©

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

L2506139 11FEB25
TERRAPHASE

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.stroh@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____ — Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No — Analysis:

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units
11	G09R-2-2.5	SS	G			2/3/25	1640	2		
12	G09R-2.5-3		G				1645	2		
13	G09R-3-3.5		G				1650	2		
14	G09R-3.5-4		G				1647	2		
15	G09R-2-4		C				1642	2		
16	G09R-4-6		C				1635	2		

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Arsenic	Sample Comment
			H		H	Hold
			H		H	
			H		H	
			H		H	
			H		H	
			H		H	

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: Printed Name: Marie Mueller — Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: — Thermometer ID: — Correction Factor (°C): — Obs. Temp. (°C): — Corrected Temp. (°C): — [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	2/4/25		2/4/25 1630
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) PAS	Date/Time: 2/4/25 1915
PAS	2/4/25		
Relinquished by/Company: (Signature) PAS	Date/Time: 2/5/25 0825	Received by/Company: (Signature)	Date/Time: 2/4/25 2335

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other:

Page: 2 of 8

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

02705125-0225

ENV-FRM-CORQ-0019_v02_110123 ID

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

L2506139 11FEB25
TERRAPHASE

Company Name: Terraphase Engineering	Contact/Report to: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (BI), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	NY PFAAs - 1633	TCL Pesticides - 8081	Herbicides - 8151	TAL Metals + Hex Chrome 6010 /7470 + 7196	Arsenic	Mercury	Sample Comment
17	A04R-0.5-1	SS	G			2/4/25	0905	2										X	X	
18	A04R-1-1.5		G				0907	2										H	H	
19	A04R-1.5-2		G				0910	2										H	H	
20	A04R-2-4		C				0915	2						X						
20	A04R-2-4MS		C				0915	2						H						
20	A04R-2-4 MSD		C				0915	2						H						
21	A04R-4-6		C				0930	2						X						
22	DUP-03		C				0920	2						H						
23	TB-250204	AQ	G				0935	3			X									
24	FB-250204	AQ	G			↓	0925	13			X	X	X	X	X	X	X			

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace® :

Collected By: Printed Name / Signature

Customer Remarks / Special Conditions / Possible Hazards:
Please provide data in Terraphase Equis EFWEDD Format

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	2/4/25		2/4/25 1630
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) PAS	Date/Time: 2/4/25 1915
PAS	2/4/25		2/4/25 2330
	2/5/25 0825		

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

02705125-0225

Page: 3 of 8

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

L2506139 11FEB25
TERRAPHASE

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	NY PFAAs - 1633	TCL Pesticides - 8081	Herbicides - 8151	TAL Metals + Hex Chrome 6010/7470 + 7196	Sample Comment
25	B04R-0.2-2	SS	C			2/4/25	1010	2						X				
26	B04R-2-4		C				1015							H				hold
27	B04R-4-6						1020							H				hold
28	B05R-0.2-2						1040							X				
28	B05R-0.2-2MS						1040							H				hold
28	B05R-0.2-2MSD						1040							H				Hold
29	B05R-2-4						1050							H				Hold
30	DUP-04						1045							H				Hold
31	A05R-0.2-2						1025							X				
32	A05R-2-4						1030							H				hold

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: Printed Name: Anne Mueller Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	2/4/25		2/4/25 1850
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
			2/4/25 1915
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
RAS	2/4/25		2/4/25 2330
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	2/5/25 0925		02 05 25 - 0225

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 4 of 8

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

ENV-FRM-CORQ-0019_v02_110123 ©

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

L2506139 11FEB25
TERRAPHASE

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AE [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	NY PFAAs - 1633	TCL Pesticides - 8081	Herbicides - 8151	TAL Metals - Hex Chrome 6010/7470 - 7196				Sample Comment
33	A05R-4-6	SS	C			2/4/25	1035	2						H							hold
34	TEI-SB-02-6-8	SS	C			2/4/25	1245	9			X	X	X	X	X	X	X				
34	TEI-SB-02-6-8 MS	SS	C			2/4/25	1245	9			X	X	X	X	X	X	X				
34	TEI-SB-02-6-8 MSD	SS	C			2/4/25	1245	9			X	X	X	X	X	X	X				
	~~TEI-SB~~																				
35	DUP-01	SS	C			2/4/25	1250	9			X	X	X	X	X	X	X				
36	TS-15R-0-1	SS	G			2/4/25	1345	9			X	X		X	X		X				
37	TS-15R-1-1.5	SS	G			2/4/25	1347	5				X		X	X		X				
38	TS-15R-1.5-2	SS	G			2/4/25	1350	5				H		H	H		H				hold
39	TS-15R-2-2.5	SS	G			2/4/25	1353	5				H		H	H		H				Hold

Additional Instructions from Pace®:

Collected By: Printed Name / Signature

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time: 2/4/25	Received by/Company: (Signature)	Date/Time: 2/4/25 1650
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) PAS	Date/Time: 2/4/25 1915
Relinquished by/Company: (Signature) PAS	Date/Time: 2/4/25	Received by/Company: (Signature)	Date/Time: 2/5/25 2330
Relinquished by/Company: (Signature)	Date/Time: 2/5/25 0228	Received by/Company: (Signature)	Date/Time: 07105125-0225

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 5 of 8

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

L2506139 11FEB25
TERRAPHASE

Company Name: Terraphase Engineering	Contact/Report to: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224 E-Mail: nicholas.krasnecky@terraphase.com Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001 Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B	Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC Reportable [X] Yes [ ] No Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____ Date Results Requested: DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: [1] 1L, [2] 500mL, [3] 250mL, [4] 125mL, [5] 100mL, [6] 40mL vial, [7] EnCore, [8] TerraCore, [9] 90mL, [10] Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	NY PFAAs - 1633	TCL Pesticides - 8081	Herbicides - 8151	TAL Metals + Hex Chrome 6010/7470 + 7196	Sample Comment
40	TS-05R-0-1.5	SS	G			2/4/25	1540	9			X	X		X	X		X	
41	TS-05R-1.5-2						1543	5				X		X	X		X	
42	TS-05R-2-2.5						1547	5				H		H	H		H	hold
43	TS-05R-2.5-3						1550	5				H		H	H		H	Hold
44	TS-05R-3-3.5						1555	5				H		H	H		H	hold
45	TS-05R-3.5-4						1600	5				H		H	H		H	Hold
46	TS-10R-0-1						1605	9			X	X		X	X		X	
47	TS-10R-1-1.5						1610	5				X		X	X		X	
48	TS-10R-1.5-2						1615	5				H		H	H		H	hold
49	TS-10R-2-2.5						1620	5				H		H	H		H	Hold

Additional Instructions from Pace®:

Collected By: Printed Name: Marie Mueller
Signature:

Customer Remarks / Special Conditions / Possible Hazards:
Please provide data in Terraphase Equis EFWEDD Format

* Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	2/4/25		2/4/25 1650
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
		PAS	2/4/25 1915
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
AMS	2/4/25		2/4/25 2333
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
2/5/25	0225		02185125-0225

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 7 of 8

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORC-0019_v02_110123 ©

Pace® Location Requested (City/State): Westborough, MA

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

L2506139 11FEB25
TERRAPHASE

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC

Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	NY PFAAs - 1633	TCL Pesticides - 8081	Herbicides - 8151	TAL Metals + Hex Chrome 6010/7470 + 7196	Sample Comment
50	TB-10R-2.5-3	SS	G			2/4/25	1625	5				H		H	H		H	hold
51	TB-10R-3-3.5	↓	↓				1630	5				H		H	H		H	hold
52	TB-10R-3.5-4	↓	↓			↓	1633	5				H		H	H		H	hold

Additional Instructions from Pace®:

Collected By: Printed Name: Marie Mueller Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	2/4/25		2/4/25 1650
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) PAS	Date/Time: 2/4/25 1915
PAS	2/4/25		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	2/5/25 0225		2/5/25 0230

Tracking Number: 027051255225

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 8 of 8

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

L2506139 11FEB25
TERRAPHASE

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224 E-Mail: nicholas.krasnecky@terraphase.com Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001 Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	NY PFAAs - 1633	TCL Pesticides - 8081	Herbicides - 8151	TAL Metals + Hex Chrome 6010/7470 + 7196	Sample Comment
53	TS-15R-2.5-3	SS	G			2/4/25	1357	6				H		H	H		H	hold
54	TS-15R-3-3.5						1400	6				H		H	H		H	hold
55	TS-15R-3.5-4						1403	6				H	H	H	H		H	hold
56	TS-03R-0-1						1515	9			X	X		X	X		X	
57	TS-03R-1-1.5						1517	5				X		X	X		X	
58	TS-03R-1.5-2						1520	5				H		H	H		H	hold
59	TS-03R-2-2.5						1523	5				H		H	H		H	hold
60	TS-03R-2.5-3						1527	5				H		H	H		H	Hold
61	TS-03R-3-3.5						1530	5				H		H	H		H	Hold
62	TS-03R-3.5-4						1533	5				H		H	H		H	Hold

Specify Container Size **

Identify Container Preservative Type***

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 80mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / Acct#Num / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: Printed Name: Marie Mueller Signature:

Customer Remarks / Special Conditions / Possible Hazards:

Please provide data in Terraphase Equis EFWEDD Format

\# Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time	Tracking Number:
	2/4/25		2/4/25 1650	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) PAS	Date/Time: 2/4/25 1915	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature) PAS	Date/Time: 2/4/25	Received by/Company: (Signature)	Date/Time: 2/4/25 2330	
Relinquished by/Company: (Signature)	Date/Time: 2/5/25 0220	Received by/Company: (Signature)	Date/Time: 02105125-0225	Page: 6 of 8

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

FM-[illegible]-FRM-CORQ-0019_v02_110123 ©

ANALYTICAL REPORT

Lab Number:	L2506464
Client:	Terraphase Engineering Inc. 222 International Drive Suite 150 Portsmouth, NH 03801
ATTN:	Nicholas Krasnecky
Phone:	(858) 385-0022
Project Name:	ELMWOOD PRESERVE
Project Number:	CV04.001
Report Date:	02/27/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2506464-01	TS-11R-0-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 08:55	02/05/25
L2506464-02	TS-11R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 09:25	02/05/25
L2506464-03	TS-11R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 09:20	02/05/25
L2506464-04	TS-11R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 09:15	02/05/25
L2506464-05	TS-11R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 09:10	02/05/25
L2506464-06	TS-11R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 09:00	02/05/25
L2506464-07	DUP-05	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 10:15	02/05/25
L2506464-08	F02R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 10:10	02/05/25
L2506464-09	F02R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 10:05	02/05/25
L2506464-10	F02R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 10:00	02/05/25
L2506464-11	F02R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 09:55	02/05/25
L2506464-12	TS-09R-0-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 10:50	02/05/25
L2506464-13	TS-09R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 10:45	02/05/25
L2506464-14	TS-09R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 10:40	02/05/25
L2506464-15	TS-09R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 10:35	02/05/25
L2506464-16	TS-09R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 10:30	02/05/25
L2506464-17	TS-09R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 10:25	02/05/25
L2506464-18	TS-09R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 10:20	02/05/25
L2506464-19	TS-12R-0-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 12:05	02/05/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2506464-20	TS-12R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 12:15	02/05/25
L2506464-21	DUP-10	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 12:10	02/05/25
L2506464-22	TS-12R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 12:40	02/05/25
L2506464-23	TS-12R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 12:35	02/05/25
L2506464-24	TS-12R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 12:30	02/05/25
L2506464-25	TS-12R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 12:25	02/05/25
L2506464-26	TEI-SB-03-7-9	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 12:55	02/05/25
L2506464-27	TS-13R-0-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 13:15	02/05/25
L2506464-28	TS-13R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 13:20	02/05/25
L2506464-29	TS-13R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 13:45	02/05/25
L2506464-30	TS-13R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 13:41	02/05/25
L2506464-31	TS-13R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 13:40	02/05/25
L2506464-32	TS-13R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 13:36	02/05/25
L2506464-33	TS-13R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 13:35	02/05/25
L2506464-34	TEI-SB-05-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 14:30	02/05/25
L2506464-35	TEI-SB-06-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 14:45	02/05/25
L2506464-36	TS-04R-0-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 15:05	02/05/25
L2506464-37	DUP-02	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 15:10	02/05/25
L2506464-38	TS-04R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 15:25	02/05/25
L2506464-39	TS-04R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 15:20	02/05/25
L2506464-40	TS-04R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 15:18	02/05/25
L2506464-41	TS-04R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 15:16	02/05/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2506464-42	TS-04R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 15:12	02/05/25
L2506464-43	TS-04R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 15:11	02/05/25
L2506464-44	TS-14R-0-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 15:30	02/05/25
L2506464-45	TS-14R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 15:35	02/05/25
L2506464-46	DUP-11	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 15:40	02/05/25
L2506464-47	TS-14R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 15:45	02/05/25
L2506464-48	TS-14R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 15:46	02/05/25
L2506464-49	FB-250205	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 09:30	02/05/25
L2506464-50	TB-250205	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/05/25 08:55	02/05/25

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506464
Project Number:	CV04.001	**Report Date:**	02/27/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506464
Project Number:	CV04.001	**Report Date:**	02/27/25

Case Narrative (continued)

Report Submission

February 27, 2025: This final report includes the results of all requested analyses.

Additional requests will be reported separately.

February 26, 2025: This preliminary report includes the results of the following analyses:

L2506464-23, -46, and -48: Total Metals

February 20, 2025: This preliminary report includes the results of the following analyses:

L2506464-15, -21, -40, and -47: Pesticides

L2506464-21 and -47: Semivolatile Organics

L2506464-21, -22, -29, -39, and -47: Total Metals

February 17, 2025: This preliminary report includes the results of the following analyses:

L2506464-14: Semivolatile Organics

L2506464-14, -22, and -39: Pesticides

Additionally, the Client IDs were changed on L2506464-02 through -06, at the client's request.

February 12, 2025: This is a preliminary report.

Please note that your project has contingency samples on hold. Contact your project manager to request additional analyses within 3 business days of receiving this report. Requests made after this time frame will be reported separately.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2506464-26, -34, and -35: The Client IDs were changed at the client's request.

Semivolatile Organics

The WG2028296-6/-7 MS/MSD recoveries, performed on L2506464-27, are below the acceptance criteria for 2,4-dinitrophenol (MSD 0%) and benzoic acid (0%/0%) due to the concentrations of these compounds in the

Case Narrative (continued)

MS/MSD falling below the reported detection limits.
WG2029375: An MS/MSD was not analyzed because the dilution required by the native sample would have caused the spike compounds to be diluted below the range of calibration.

Total Metals
L2506464-01,- 02, -12, -13, -19, -20, -21, -22, -27, -28, -36, -38, -44, -45, and -46: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
L2506464-23 and -29: The sample has an elevated detection limit due to the dilution required by the sample matrix.
L2506464-49: The Field Blank has results for calcium and iron present above the reporting limits. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.
The WG2033865-1 Method Blank associated with L2506464-23 and -46 has a concentration above the reporting limit for iron. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".
The WG2029076-3/-4 MS/MSD recoveries for aluminum (MSD 0%), calcium (220%/198%), iron (1040%/0%), magnesium (0%/0%), and manganese (181%/138%), performed on L2506464-01, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG2029076-3/-4 MS/MSD recoveries, performed on L2506464-01, are outside the acceptance criteria for antimony (38%/39%), copper (MS 127%), potassium (36%/16%), and zinc (MSD 68%). A post digestion spike was performed and was within acceptance criteria.
The WG2029076-7/-8 MS/MSD recoveries for aluminum (0%/0%), iron (0%/0%), magnesium (MSD 6%), and manganese (153%/12%), performed on L2506464-28, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG2029076-7/-8 MS/MSD recoveries, performed on L2506464-28, are outside the acceptance criteria

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506464
Project Number:	CV04.001	**Report Date:**	02/27/25

Case Narrative (continued)

for antimony (30%/35%) and calcium (MS 232%). A post digestion spike was performed and was within acceptance criteria.

The WG2029076-8 MSD recovery, performed on L2506464-28, is outside the acceptance criteria for chromium (59%). A post digestion spike was performed and yielded an unacceptable recovery of 71%. The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG2029076-7/-8 MS/MSD recoveries, performed on L2506464-28, are outside the acceptance criteria for zinc (143%/0%). A post digestion spike was performed and yielded an unacceptable recovery of 57%. The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

The WG2029076-7/-8 MS/MSD RPDs for calcium (44%) and zinc (40%), performed on L2506464-28, are above the acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 02/27/25

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-01
Client ID: TS-11R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 08:55
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/11/25 13:12
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	20	9.4	1
1,1-Dichloroethane	ND		ug/kg	4.1	0.59	1
Chloroform	24		ug/kg	6.1	0.57	1
Carbon tetrachloride	ND		ug/kg	4.1	0.94	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.51	1
Dibromochloromethane	ND		ug/kg	4.1	0.57	1
1,1,2-Trichloroethane	ND		ug/kg	4.1	1.1	1
Tetrachloroethene	ND		ug/kg	2.0	0.80	1
Chlorobenzene	ND		ug/kg	2.0	0.52	1
Trichlorofluoromethane	ND		ug/kg	16	2.8	1
1,2-Dichloroethane	ND		ug/kg	4.1	1.0	1
1,1,1-Trichloroethane	ND		ug/kg	2.0	0.68	1
Bromodichloromethane	ND		ug/kg	2.0	0.44	1
trans-1,3-Dichloropropene	ND		ug/kg	4.1	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	2.0	0.65	1
1,3-Dichloropropene, Total	ND		ug/kg	2.0	0.65	1
1,1-Dichloropropene	ND		ug/kg	2.0	0.65	1
Bromoform	ND		ug/kg	16	1.0	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	0.68	1
Benzene	ND		ug/kg	2.0	0.68	1
Toluene	ND		ug/kg	4.1	2.2	1
Ethylbenzene	ND		ug/kg	4.1	0.58	1
Chloromethane	ND		ug/kg	16	3.8	1
Bromomethane	ND		ug/kg	8.2	2.4	1
Vinyl chloride	ND		ug/kg	4.1	1.4	1
Chloroethane	ND		ug/kg	8.2	1.8	1
1,1-Dichloroethene	ND		ug/kg	4.1	0.97	1
trans-1,2-Dichloroethene	ND		ug/kg	6.1	0.56	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-01 Date Collected: 02/05/25 08:55

Client ID: TS-11R-0-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	2.0	0.56	1
1,2-Dichlorobenzene	ND		ug/kg	8.2	0.59	1
1,3-Dichlorobenzene	ND		ug/kg	8.2	0.60	1
1,4-Dichlorobenzene	ND		ug/kg	8.2	0.70	1
Methyl tert butyl ether	ND		ug/kg	8.2	0.82	1
p/m-Xylene	ND		ug/kg	8.2	2.3	1
o-Xylene	ND		ug/kg	4.1	1.2	1
Xylenes, Total	ND		ug/kg	4.1	1.2	1
cis-1,2-Dichloroethene	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethene, Total	ND		ug/kg	4.1	0.56	1
Dibromomethane	ND		ug/kg	8.2	0.97	1
Styrene	ND		ug/kg	4.1	0.80	1
Dichlorodifluoromethane	ND		ug/kg	41	3.7	1
Acetone	23	J	ug/kg	41	20.	1
Carbon disulfide	ND		ug/kg	41	19.	1
2-Butanone	ND		ug/kg	41	9.1	1
Vinyl acetate	ND		ug/kg	41	8.8	1
4-Methyl-2-pentanone	ND		ug/kg	41	5.2	1
1,2,3-Trichloropropane	ND		ug/kg	8.2	0.52	1
2-Hexanone	ND		ug/kg	41	4.8	1
Bromochloromethane	ND		ug/kg	8.2	0.84	1
2,2-Dichloropropane	ND		ug/kg	8.2	0.83	1
1,2-Dibromoethane	ND		ug/kg	4.1	1.1	1
1,3-Dichloropropane	ND		ug/kg	8.2	0.68	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.0	0.54	1
Bromobenzene	ND		ug/kg	8.2	0.59	1
n-Butylbenzene	ND		ug/kg	4.1	0.68	1
sec-Butylbenzene	ND		ug/kg	4.1	0.60	1
tert-Butylbenzene	ND		ug/kg	8.2	0.48	1
o-Chlorotoluene	ND		ug/kg	8.2	0.78	1
p-Chlorotoluene	ND		ug/kg	8.2	0.44	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	4.1	1
Hexachlorobutadiene	ND		ug/kg	16	0.69	1
Isopropylbenzene	ND		ug/kg	4.1	0.44	1
p-Isopropyltoluene	ND		ug/kg	4.1	0.44	1
Naphthalene	14	J	ug/kg	16	2.6	1
Acrylonitrile	ND		ug/kg	16	4.7	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-01 Date Collected: 02/05/25 08:55

Client ID: TS-11R-0-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	4.1	0.70	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.2	1.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.2	1.1	1
1,3,5-Trimethylbenzene	3.2	J	ug/kg	8.2	0.79	1
1,2,4-Trimethylbenzene	2.2	J	ug/kg	8.2	1.4	1
1,4-Dioxane	ND		ug/kg	330	140	1
p-Diethylbenzene	ND		ug/kg	8.2	0.72	1
p-Ethyltoluene	ND		ug/kg	8.2	1.6	1
1,2,4,5-Tetramethylbenzene	0.93	J	ug/kg	8.2	0.78	1
Ethyl ether	ND		ug/kg	8.2	1.4	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	20	5.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	106		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-12 Date Collected: 02/05/25 10:50

Client ID: TS-09R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 02/11/25 13:33

Analyst: JIC

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.2	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.72	0.28	1
Chlorobenzene	ND		ug/kg	0.72	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.7	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.72	0.24	1
Bromodichloromethane	ND		ug/kg	0.72	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.72	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.72	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.72	0.23	1
Bromoform	ND		ug/kg	5.7	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.72	0.24	1
Benzene	ND		ug/kg	0.72	0.24	1
Toluene	ND		ug/kg	1.4	0.78	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.7	1.3	1
Bromomethane	ND		ug/kg	2.9	0.83	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.9	0.65	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-12 Date Collected: 02/05/25 10:50

Client ID: TS-09R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.72	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.80	1
o-Xylene	ND		ug/kg	1.4	0.42	1
Xylenes, Total	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	8.6	J	ug/kg	14	6.9	1
Carbon disulfide	ND		ug/kg	14	6.5	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.72	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.27	1
p-Chlorotoluene	ND		ug/kg	2.9	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.7	0.93	1
Acrylonitrile	ND		ug/kg	5.7	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-12 Date Collected: 02/05/25 10:50

Client ID: TS-09R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.48	1
1,4-Dioxane	ND		ug/kg	110	50.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.25	1
p-Ethyltoluene	ND		ug/kg	2.9	0.55	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.27	1
Ethyl ether	ND		ug/kg	2.9	0.49	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.2	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-19
Client ID: TS-12R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 12:05
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/11/25 13:54
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-19 Date Collected: 02/05/25 12:05

Client ID: TS-12R-0-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	0.20	J	ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.66	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-19 Date Collected: 02/05/25 12:05

Client ID: TS-12R-0-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-26
Client ID: TEI-SB-03-7-9
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 12:55
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/11/25 14:15
Analyst: JIC
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-26 Date Collected: 02/05/25 12:55

Client ID: TEI-SB-03-7-9 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-26 Date Collected: 02/05/25 12:55

Client ID: TEI-SB-03-7-9 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	93	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	109		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-27
Client ID: TS-13R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 13:15
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/11/25 14:36
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	0.29	J	ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-27 Date Collected: 02/05/25 13:15

Client ID: TS-13R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	0.95	J	ug/kg	1.9	0.53	1
o-Xylene	0.31	J	ug/kg	0.95	0.28	1
Xylenes, Total	1.3	J	ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	ND		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-27 Date Collected: 02/05/25 13:15

Client ID: TS-13R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-34
Client ID: TEI-SB-05-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 14:30
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/11/25 14:56
Analyst: JIC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-34 Date Collected: 02/05/25 14:30

Client ID: TEI-SB-05-3.5-4 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	6.3	J	ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-34 Date Collected: 02/05/25 14:30

Client ID: TEI-SB-05-3.5-4 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	106		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-35
Client ID: TEI-SB-06-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 14:45
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/11/25 15:17
Analyst: JIC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-35 Date Collected: 02/05/25 14:45

Client ID: TEI-SB-06-3-3.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
Xylenes, Total	ND		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.97	1
Acetone	ND		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.12	1
Naphthalene	ND		ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-35 Date Collected: 02/05/25 14:45

Client ID: TEI-SB-06-3-3.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	111		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-36
Client ID: TS-04R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 15:05
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/11/25 15:38
Analyst: JIC
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-36 Date Collected: 02/05/25 15:05

Client ID: TS-04R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.22	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.13	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	12		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-36 Date Collected: 02/05/25 15:05

Client ID: TS-04R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	86	38.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	109		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-37 Date Collected: 02/05/25 15:10

Client ID: DUP-02 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 02/11/25 15:59

Analyst: JIC

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-37 Date Collected: 02/05/25 15:10

Client ID: DUP-02 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	0.67	J	ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-37 Date Collected: 02/05/25 15:10

Client ID: DUP-02 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	111		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-44
Client ID: TS-14R-0-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 15:30
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/11/25 16:20
Analyst: JIC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-44 Date Collected: 02/05/25 15:30

Client ID: TS-14R-0-2.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-44 Date Collected: 02/05/25 15:30

Client ID: TS-14R-0-2.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	109		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-49 Date Collected: 02/05/25 09:30

Client ID: FB-250205 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 02/11/25 13:53

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-49 Date Collected: 02/05/25 09:30

Client ID: FB-250205 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-49 Date Collected: 02/05/25 09:30

Client ID: FB-250205 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	105		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-50 Date Collected: 02/05/25 08:55

Client ID: TB-250205 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 02/11/25 16:41

Analyst: JIC

Percent Solids: Results reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-50 Date Collected: 02/05/25 08:55

Client ID: TB-250205 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-50 Date Collected: 02/05/25 08:55

Client ID: TB-250205 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	113		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/11/25 09:01
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,12,19,26-27,34-37,44,50 Batch: WG2029007-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/11/25 09:01
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,12,19,26-27,34-37,44,50 Batch: WG2029007-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/11/25 09:01
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,12,19,26-27,34-37,44,50 Batch: WG2029007-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/11/25 11:04
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 49 Batch: WG2029474-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/11/25 11:04
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 49 Batch: WG2029474-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/11/25 11:04
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 49 Batch: WG2029474-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,12,19,26-27,34-37,44,50 Batch: WG2029007-3 WG2029007-4								
Methylene chloride	86		86		70-130	0		30
1,1-Dichloroethane	112		111		70-130	1		30
Chloroform	114		104		70-130	9		30
Carbon tetrachloride	114		107		70-130	6		30
1,2-Dichloropropane	122		119		70-130	2		30
Dibromochloromethane	110		108		70-130	2		30
1,1,2-Trichloroethane	106		106		70-130	0		30
Tetrachloroethene	106		103		70-130	3		30
Chlorobenzene	109		104		70-130	5		30
Trichlorofluoromethane	97		91		70-139	6		30
1,2-Dichloroethane	116		118		70-130	2		30
1,1,1-Trichloroethane	112		112		70-130	0		30
Bromodichloromethane	110		109		70-130	1		30
trans-1,3-Dichloropropene	113		112		70-130	1		30
cis-1,3-Dichloropropene	112		112		70-130	0		30
1,1-Dichloropropene	113		112		70-130	1		30
Bromoform	101		102		70-130	1		30
1,1,2,2-Tetrachloroethane	101		105		70-130	4		30
Benzene	114		112		70-130	2		30
Toluene	109		106		70-130	3		30
Ethylbenzene	108		104		70-130	4		30
Chloromethane	125		121		52-130	3		30
Bromomethane	92		88		57-147	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,12,19,26-27,34-37,44,50 Batch: WG2029007-3 WG2029007-4								
Vinyl chloride	111		110		67-130	1		30
Chloroethane	101		102		50-151	1		30
1,1-Dichloroethene	94		94		65-135	0		30
trans-1,2-Dichloroethene	99		97		70-130	2		30
Trichloroethene	115		114		70-130	1		30
1,2-Dichlorobenzene	103		102		70-130	1		30
1,3-Dichlorobenzene	108		105		70-130	3		30
1,4-Dichlorobenzene	107		107		70-130	0		30
Methyl tert butyl ether	89		90		66-130	1		30
p/m-Xylene	107		105		70-130	2		30
o-Xylene	107		105		70-130	2		30
cis-1,2-Dichloroethene	106		96		70-130	10		30
Dibromomethane	103		103		70-130	0		30
Styrene	103		102		70-130	1		30
Dichlorodifluoromethane	80		78		30-146	3		30
Acetone	71		80		54-140	12		30
Carbon disulfide	100		99		59-130	1		30
2-Butanone	105		113		70-130	7		30
Vinyl acetate	106		105		70-130	1		30
4-Methyl-2-pentanone	99		109		70-130	10		30
1,2,3-Trichloropropane	106		108		68-130	2		30
2-Hexanone	85		92		70-130	8		30
Bromochloromethane	109		93		70-130	16		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,12,19,26-27,34-37,44,50 Batch: WG2029007-3 WG2029007-4								
2,2-Dichloropropane	120		108		70-130	11		30
1,2-Dibromoethane	105		104		70-130	1		30
1,3-Dichloropropane	109		109		69-130	0		30
1,1,1,2-Tetrachloroethane	115		111		70-130	4		30
Bromobenzene	104		103		70-130	1		30
n-Butylbenzene	114		111		70-130	3		30
sec-Butylbenzene	108		106		70-130	2		30
tert-Butylbenzene	102		100		70-130	2		30
o-Chlorotoluene	130		128		70-130	2		30
p-Chlorotoluene	111		110		70-130	1		30
1,2-Dibromo-3-chloropropane	92		96		68-130	4		30
Hexachlorobutadiene	103		101		67-130	2		30
Isopropylbenzene	106		104		70-130	2		30
p-Isopropyltoluene	106		104		70-130	2		30
Naphthalene	91		94		70-130	3		30
Acrylonitrile	92		92		70-130	0		30
n-Propylbenzene	111		109		70-130	2		30
1,2,3-Trichlorobenzene	102		100		70-130	2		30
1,2,4-Trichlorobenzene	104		100		70-130	4		30
1,3,5-Trimethylbenzene	109		108		70-130	1		30
1,2,4-Trimethylbenzene	108		106		70-130	2		30
1,4-Dioxane	108		116		65-136	7		30
p-Diethylbenzene	106		104		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,12,19,26-27,34-37,44,50 Batch: WG2029007-3 WG2029007-4								
p-Ethyltoluene	108		106		70-130	2		30
1,2,4,5-Tetramethylbenzene	99		98		70-130	1		30
Ethyl ether	97		97		67-130	0		30
trans-1,4-Dichloro-2-butene	121		122		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		111		70-130
Toluene-d8	103		101		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	102		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 49 Batch: WG2029474-3 WG2029474-4								
Methylene chloride	90		88		70-130	2		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	98		94		70-130	4		20
Carbon tetrachloride	89		87		63-132	2		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	94		89		63-130	5		20
1,1,2-Trichloroethane	98		92		70-130	6		20
Tetrachloroethene	100		99		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	98		94		62-150	4		20
1,2-Dichloroethane	97		98		70-130	1		20
1,1,1-Trichloroethane	92		87		67-130	6		20
Bromodichloromethane	92		90		67-130	2		20
trans-1,3-Dichloropropene	91		88		70-130	3		20
cis-1,3-Dichloropropene	87		84		70-130	4		20
1,1-Dichloropropene	89		86		70-130	3		20
Bromoform	85		85		54-136	0		20
1,1,2,2-Tetrachloroethane	92		91		67-130	1		20
Benzene	95		93		70-130	2		20
Toluene	110		100		70-130	10		20
Ethylbenzene	100		98		70-130	2		20
Chloromethane	99		99		64-130	0		20
Bromomethane	120		130		39-139	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 49 Batch: WG2029474-3 WG2029474-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	**180**	Q	**180**	Q	55-138	0		20
1,1-Dichloroethene	92		92		61-145	0		20
trans-1,2-Dichloroethene	99		96		70-130	3		20
Trichloroethene	94		90		70-130	4		20
1,2-Dichlorobenzene	95		92		70-130	3		20
1,3-Dichlorobenzene	100		98		70-130	2		20
1,4-Dichlorobenzene	100		98		70-130	2		20
Methyl tert butyl ether	85		84		63-130	1		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	96		96		70-130	0		20
Dibromomethane	87		83		70-130	5		20
1,2,3-Trichloropropane	94		94		64-130	0		20
Acrylonitrile	91		87		70-130	4		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	80		78		36-147	3		20
Acetone	79		76		58-148	4		20
Carbon disulfide	100		97		51-130	3		20
2-Butanone	72		79		63-138	9		20
Vinyl acetate	**150**	Q	**150**	Q	70-130	0		20
4-Methyl-2-pentanone	83		82		59-130	1		20
2-Hexanone	75		72		57-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 49 Batch: WG2029474-3 WG2029474-4								
Bromochloromethane	100		95		70-130	5		20
2,2-Dichloropropane	84		78		63-133	7		20
1,2-Dibromoethane	92		90		70-130	2		20
1,3-Dichloropropane	100		97		70-130	3		20
1,1,1,2-Tetrachloroethane	98		94		64-130	4		20
Bromobenzene	91		90		70-130	1		20
n-Butylbenzene	100		98		53-136	2		20
sec-Butylbenzene	95		91		70-130	4		20
tert-Butylbenzene	91		90		70-130	1		20
o-Chlorotoluene	94		92		70-130	2		20
p-Chlorotoluene	97		94		70-130	3		20
1,2-Dibromo-3-chloropropane	71		72		41-144	1		20
Hexachlorobutadiene	90		89		63-130	1		20
Isopropylbenzene	90		88		70-130	2		20
p-Isopropyltoluene	94		92		70-130	2		20
Naphthalene	77		77		70-130	0		20
n-Propylbenzene	96		93		69-130	3		20
1,2,3-Trichlorobenzene	87		88		70-130	1		20
1,2,4-Trichlorobenzene	91		93		70-130	2		20
1,3,5-Trimethylbenzene	92		89		64-130	3		20
1,2,4-Trimethylbenzene	93		90		70-130	3		20
1,4-Dioxane	72		78		56-162	8		20
p-Diethylbenzene	92		90		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 49 Batch: WG2029474-3 WG2029474-4								
p-Ethyltoluene	93		91		70-130	2		20
1,2,4,5-Tetramethylbenzene	89		87		70-130	2		20
Ethyl ether	94		89		59-134	5		20
trans-1,4-Dichloro-2-butene	**69**	Q	70		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		105		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	86		87		70-130
Dibromofluoromethane	105		103		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,12,19,26-27,34-37,44,50 QC Batch ID: WG2029007-6 WG2029007-7 QC Sample: L2506464-01 Client ID: TS-11R-0-1.5												
Methylene chloride	ND	206	160	75		160	87		70-130	3		30
1,1-Dichloroethane	ND	206	220	106		220	118		70-130	0		30
Chloroform	24	206	230	98		220	106		70-130	3		30
Carbon tetrachloride	ND	206	240	116		230	126		70-130	3		30
1,2-Dichloropropane	ND	206	230	114		230	126		70-130	0		30
Dibromochloromethane	ND	206	190	90		190	105		70-130	5		30
1,1,2-Trichloroethane	ND	206	200	95		190	102		70-130	4		30
Tetrachloroethene	ND	206	150	75		180	97		70-130	15		30
Chlorobenzene	ND	206	130	**64**	Q	160	88		70-130	22		30
Trichlorofluoromethane	ND	206	210	100		200	108		70-139	3		30
1,2-Dichloroethane	ND	206	190	92		210	112		70-130	9		30
1,1,1-Trichloroethane	ND	206	240	117		230	124		70-130	6		30
Bromodichloromethane	ND	206	200	96		210	111		70-130	4		30
trans-1,3-Dichloropropene	ND	206	110	**52**	Q	150	79		70-130	**31**	Q	30
cis-1,3-Dichloropropene	ND	206	140	**67**	Q	180	95		70-130	24		30
1,1-Dichloropropene	ND	206	170	81		200	110		70-130	20		30
Bromoform	ND	206	170	82		170	91		70-130	1		30
1,1,2,2-Tetrachloroethane	ND	206	200	95		180	98		70-130	8		30
Benzene	ND	206	200	99		210	116		70-130	5		30
Toluene	ND	206	170	82		190	103		70-130	11		30
Ethylbenzene	ND	206	150	72		180	97		70-130	18		30
Chloromethane	ND	206	250	123		250	**133**	Q	52-130	4		30
Bromomethane	ND	206	170	84		160	89		57-147	5		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,12,19,26-27,34-37,44,50 QC Batch ID: WG2029007-6 WG2029007-7 QC Sample: L2506464-01 Client ID: TS-11R-0-1.5												
Vinyl chloride	ND	206	220	109		230	124		67-130	2		30
Chloroethane	ND	206	210	102		210	113		50-151	1		30
1,1-Dichloroethene	ND	206	170	83		190	100		65-135	8		30
trans-1,2-Dichloroethene	ND	206	140	**67**	Q	170	91		70-130	19		30
Trichloroethene	ND	206	170	84		200	110		70-130	15		30
1,2-Dichlorobenzene	ND	206	110	**54**	Q	140	75		70-130	22		30
1,3-Dichlorobenzene	ND	206	90	**44**	Q	130	**68**	Q	70-130	**34**	Q	30
1,4-Dichlorobenzene	ND	206	77	**37**	Q	110	**62**	Q	70-130	**39**	Q	30
Methyl tert butyl ether	ND	206	180	87		170	90		66-130	8		30
p/m-Xylene	ND	412	290	70		350	94		70-130	18		30
o-Xylene	ND	412	350	84		370	100		70-130	7		30
cis-1,2-Dichloroethene	ND	206	150	72		170	91		70-130	12		30
Dibromomethane	ND	206	140	70		170	91		70-130	15		30
Styrene	ND	412	230	**56**	Q	300	81		70-130	26		30
Dichlorodifluoromethane	ND	206	170	84		170	91		30-146	2		30
Acetone	23J	206	160	78		150	80		54-140	8		30
Carbon disulfide	ND	206	150	72		170	94		59-130	16		30
2-Butanone	ND	206	210	102		200	108		70-130	6		30
Vinyl acetate	ND	206	64	**31**	Q	72	**39**	Q	70-130	12		30
4-Methyl-2-pentanone	ND	206	220	105		200	108		70-130	8		30
1,2,3-Trichloropropane	ND	206	210	102		190	103		68-130	10		30
2-Hexanone	ND	206	160	80		160	89		70-130	0		30
Bromochloromethane	ND	206	170	83		190	100		70-130	8		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,12,19,26-27,34-37,44,50 QC Batch ID: WG2029007-6 WG2029007-7 QC Sample: L2506464-01 Client ID: TS-11R-0-1.5												
2,2-Dichloropropane	ND	206	250	119		230	124		70-130	7		30
1,2-Dibromoethane	ND	206	130	**63**	Q	160	85		70-130	19		30
1,3-Dichloropropane	ND	206	170	82		190	100		69-130	8		30
1,1,1,2-Tetrachloroethane	ND	206	220	109		210	113		70-130	7		30
Bromobenzene	ND	206	110	**55**	Q	140	78		70-130	23		30
n-Butylbenzene	ND	206	78	**38**	Q	140	74		70-130	**54**	Q	30
sec-Butylbenzene	ND	206	150	71		180	97		70-130	20		30
tert-Butylbenzene	ND	206	190	94		190	102		70-130	3		30
o-Chlorotoluene	ND	206	170	80		170	91		70-130	2		30
p-Chlorotoluene	ND	206	110	**51**	Q	140	77		70-130	29		30
1,2-Dibromo-3-chloropropane	ND	206	170	83		170	91		68-130	2		30
Hexachlorobutadiene	ND	206	100	**48**	Q	130	72		67-130	28		30
Isopropylbenzene	ND	206	180	86		190	103		70-130	7		30
p-Isopropyltoluene	ND	206	130	**64**	Q	170	90		70-130	23		30
Naphthalene	14J	206	95	**46**	Q	120	**67**	Q	70-130	26		30
Acrylonitrile	ND	206	180	87		170	92		70-130	6		30
n-Propylbenzene	ND	206	130	**64**	Q	170	92		70-130	25		30
1,2,3-Trichlorobenzene	ND	206	61	**29**	Q	99	**54**	Q	70-130	**48**	Q	30
1,2,4-Trichlorobenzene	ND	206	42	**20**	Q	81	**44**	Q	70-130	**64**	Q	30
1,3,5-Trimethylbenzene	3.2J	206	170	84		180	99		70-130	6		30
1,2,4-Trimethylbenzene	2.2J	206	150	73		170	92		70-130	12		30
1,4-Dioxane	ND	10300	10000	99		8800	95		65-136	15		30
p-Diethylbenzene	ND	206	85	**41**	Q	140	73		70-130	**46**	Q	30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,12,19,26-27,34-37,44,50 QC Batch ID: WG2029007-6 WG2029007-7 QC Sample: L2506464-01 Client ID: TS-11R-0-1.5												
p-Ethyltoluene	ND	206	130	**61**	Q	160	86		70-130	24		30
1,2,4,5-Tetramethylbenzene	0.93J	206	120	**56**	Q	140	78		70-130	21		30
Ethyl ether	ND	206	190	91		180	100		67-130	2		30
trans-1,4-Dichloro-2-butene	ND	206	110	**51**	Q	150	79		70-130	**33**	Q	30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		117		70-130
4-Bromofluorobenzene	103		97		70-130
Dibromofluoromethane	104		106		70-130
Toluene-d8	103		100		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-01
Client ID: TS-11R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 08:55
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/12/25 16:26
Analyst: MRG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/12/25 12:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3600		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	14000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	4800		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	12000	E	ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-01 Date Collected: 02/05/25 08:55

Client ID: TS-11R-0-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	10000	E	ug/kg	110	20.	1
Benzo(a)pyrene	9000	E	ug/kg	140	44.	1
Benzo(b)fluoranthene	12000	E	ug/kg	110	31.	1
Benzo(k)fluoranthene	2300		ug/kg	110	29.	1
Chrysene	7700	E	ug/kg	110	19.	1
Acenaphthylene	650		ug/kg	140	28.	1
Anthracene	6600		ug/kg	110	36.	1
Benzo(ghi)perylene	5700		ug/kg	140	21.	1
Fluorene	4400		ug/kg	180	18.	1
Phenanthrene	14000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1400		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	5900		ug/kg	140	25.	1
Pyrene	12000	E	ug/kg	110	18.	1
Biphenyl	520		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	2800		ug/kg	180	17.	1
2-Methylnaphthalene	1900		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	91	J	ug/kg	180	28.	1
2-Methylphenol	43	J	ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	150	J	ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-01 Date Collected: 02/05/25 08:55

Client ID: TS-11R-0-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	2300		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	53		18-120

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-01 D
Client ID: TS-11R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 08:55
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/12/25 17:16
Analyst: MRG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/12/25 12:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	23000		ug/kg	1100	210	10
Bis(2-ethylhexyl)phthalate	11000		ug/kg	1800	630	10
Benzo(a)anthracene	10000		ug/kg	1100	200	10
Benzo(a)pyrene	9100		ug/kg	1400	440	10
Benzo(b)fluoranthene	11000		ug/kg	1100	310	10
Chrysene	8500		ug/kg	1100	190	10
Phenanthrene	21000		ug/kg	1100	220	10
Pyrene	18000		ug/kg	1100	180	10

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-02
Client ID: TS-11R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 09:25
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 02:30
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	48	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	42	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-02 Date Collected: 02/05/25 09:25

Client ID: TS-11R-1.5-2 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	24	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	42	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	40	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-02 Date Collected: 02/05/25 09:25

Client ID: TS-11R-1.5-2 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	113		30-120
2,4,6-Tribromophenol	**153**	Q	10-136
4-Terphenyl-d14	**129**	Q	18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-08
Client ID: F02R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 10:10
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 01:43
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	270		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	41	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-08 Date Collected: 02/05/25 10:10

Client ID: F02R-2-2.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-08 Date Collected: 02/05/25 10:10

Client ID: F02R-2-2.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	107		30-120
2,4,6-Tribromophenol	**144**	Q	10-136
4-Terphenyl-d14	115		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-12
Client ID: TS-09R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 10:50
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 04:26
Analyst: JG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	66	J	ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	710		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	38	J	ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	58	J	ug/kg	210	53.	1
Di-n-butylphthalate	49	J	ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-12 Date Collected: 02/05/25 10:50

Client ID: TS-09R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	310		ug/kg	120	24.	1
Benzo(a)pyrene	320		ug/kg	170	51.	1
Benzo(b)fluoranthene	380		ug/kg	120	35.	1
Benzo(k)fluoranthene	140		ug/kg	120	33.	1
Chrysene	290		ug/kg	120	22.	1
Acenaphthylene	35	J	ug/kg	170	32.	1
Anthracene	160		ug/kg	120	41.	1
Benzo(ghi)perylene	190		ug/kg	170	24.	1
Fluorene	68	J	ug/kg	210	20.	1
Phenanthrene	470		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	46	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	190		ug/kg	170	29.	1
Pyrene	580		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	34	J	ug/kg	210	20.	1
2-Methylnaphthalene	38	J	ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	32	J	ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-12 Date Collected: 02/05/25 10:50

Client ID: TS-09R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	58	J	ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	111		30-120
2,4,6-Tribromophenol	**144**	Q	10-136
4-Terphenyl-d14	112		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-13
Client ID: TS-09R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 10:45
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 05:12
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	500		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	5000		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	270		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	200		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	40	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-13 Date Collected: 02/05/25 10:45

Client ID: TS-09R-1-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	2600		ug/kg	120	22.	1
Benzo(a)pyrene	2600		ug/kg	150	47.	1
Benzo(b)fluoranthene	3000		ug/kg	120	32.	1
Benzo(k)fluoranthene	1100		ug/kg	120	31.	1
Chrysene	2300		ug/kg	120	20.	1
Acenaphthylene	120	J	ug/kg	150	30.	1
Anthracene	1200		ug/kg	120	37.	1
Benzo(ghi)perylene	1500		ug/kg	150	22.	1
Fluorene	500		ug/kg	190	19.	1
Phenanthrene	3500		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	390		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	1500		ug/kg	150	27.	1
Pyrene	4200		ug/kg	120	19.	1
Biphenyl	38	J	ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	240		ug/kg	190	18.	1
2-Methylnaphthalene	120	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-13 Date Collected: 02/05/25 10:45

Client ID: TS-09R-1-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	390		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	111		30-120
2,4,6-Tribromophenol	111		10-136
4-Terphenyl-d14	115		18-120

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-14
Client ID: TS-09R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 10:40
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/15/25 04:44
Analyst: JG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 20:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	66	J	ug/kg	130	24.	1
Benzo(a)pyrene	75	J	ug/kg	170	51.	1
Benzo(b)fluoranthene	95	J	ug/kg	130	35.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	77	J	ug/kg	130	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	60	J	ug/kg	170	29.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	70		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-19
Client ID: TS-12R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 12:05
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 03:39
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	100	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	43	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-19 Date Collected: 02/05/25 12:05

Client ID: TS-12R-0-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	56	J	ug/kg	110	21.	1
Benzo(a)pyrene	60	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	74	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	48	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	36	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	49	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	32	J	ug/kg	150	26.	1
Pyrene	93	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-19 Date Collected: 02/05/25 12:05

Client ID: TS-12R-0-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	117		30-120
2,4,6-Tribromophenol	**147**	Q	10-136
4-Terphenyl-d14	119		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-20
Client ID: TS-12R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 12:15
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 03:16
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	160		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	870		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	130	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	42	J	ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-20 Date Collected: 02/05/25 12:15

Client ID: TS-12R-1.5-2 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	380		ug/kg	110	20.	1
Benzo(a)pyrene	430		ug/kg	140	43.	1
Benzo(b)fluoranthene	530		ug/kg	110	30.	1
Benzo(k)fluoranthene	180		ug/kg	110	28.	1
Chrysene	350		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	220		ug/kg	110	35.	1
Benzo(ghi)perylene	270		ug/kg	140	21.	1
Fluorene	120	J	ug/kg	180	17.	1
Phenanthrene	760		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	64	J	ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	270		ug/kg	140	25.	1
Pyrene	680		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	80	J	ug/kg	180	17.	1
2-Methylnaphthalene	46	J	ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-20 Date Collected: 02/05/25 12:15

Client ID: TS-12R-1.5-2 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	100	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	111		30-120
2,4,6-Tribromophenol	**140**	Q	10-136
4-Terphenyl-d14	117		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-21
Client ID: DUP-10
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 12:10
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/18/25 11:15
Analyst: HNY
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 13:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	210		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	100	J	ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-21 Date Collected: 02/05/25 12:10

Client ID: DUP-10 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	100	J	ug/kg	110	20.	1
Benzo(a)pyrene	110	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	140		ug/kg	110	30.	1
Benzo(k)fluoranthene	47	J	ug/kg	110	29.	1
Chrysene	96	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	64	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	95	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	60	J	ug/kg	140	25.	1
Pyrene	180		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-21 Date Collected: 02/05/25 12:10

Client ID: DUP-10 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	123		10-136
4-Terphenyl-d14	94		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-26
Client ID: TEI-SB-03-7-9
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 12:55
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 01:20
Analyst: JG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	57	J	ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-26 Date Collected: 02/05/25 12:55

Client ID: TEI-SB-03-7-9 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-26 Date Collected: 02/05/25 12:55

Client ID: TEI-SB-03-7-9 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	115		30-120
2,4,6-Tribromophenol	**147**	Q	10-136
4-Terphenyl-d14	**133**	Q	18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-27
Client ID: TS-13R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 13:15
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 13:00
Analyst: JG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	22	J	ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	270		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	450		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	54	J	ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-27 Date Collected: 02/05/25 13:15

Client ID: TS-13R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	130		ug/kg	110	20.	1
Benzo(a)pyrene	110	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	130		ug/kg	110	31.	1
Benzo(k)fluoranthene	50	J	ug/kg	110	29.	1
Chrysene	120		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	56	J	ug/kg	110	36.	1
Benzo(ghi)perylene	73	J	ug/kg	140	21.	1
Fluorene	26	J	ug/kg	180	18.	1
Phenanthrene	210		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	69	J	ug/kg	140	25.	1
Pyrene	230		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-27 Date Collected: 02/05/25 13:15

Client ID: TS-13R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	20	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**121**	Q	25-120
Phenol-d6	120		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	104		30-120
2,4,6-Tribromophenol	132		10-136
4-Terphenyl-d14	118		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-28
Client ID: TS-13R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 13:20
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/10/25 20:40
Analyst: IMK
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 18:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-28 Date Collected: 02/05/25 13:20

Client ID: TS-13R-1-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-28 Date Collected: 02/05/25 13:20

Client ID: TS-13R-1-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**135**	Q	25-120
Phenol-d6	**132**	Q	10-120
Nitrobenzene-d5	**137**	Q	23-120
2-Fluorobiphenyl	109		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	**122**	Q	18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-34
Client ID: TEI-SB-05-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 14:30
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 02:06
Analyst: JG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	37	J	ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-34 Date Collected: 02/05/25 14:30

Client ID: TEI-SB-05-3.5-4 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-34 Date Collected: 02/05/25 14:30

Client ID: TEI-SB-05-3.5-4 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	**121**	Q	30-120
2,4,6-Tribromophenol	**156**	Q	10-136
4-Terphenyl-d14	**124**	Q	18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-35
Client ID: TEI-SB-06-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 14:45
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 15:37
Analyst: SLR
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 10:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	64	J	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-35 Date Collected: 02/05/25 14:45

Client ID: TEI-SB-06-3-3.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	32	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	36	J	ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	29	J	ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	170	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	52	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	54	J	ug/kg	120	21.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-35 Date Collected: 02/05/25 14:45

Client ID: TEI-SB-06-3-3.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	63.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	76		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-36
Client ID: TS-04R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 15:05
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 05:36
Analyst: JG
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	37.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	43.	1
2,6-Dinitrotoluene	ND		ug/kg	210	37.	1
Fluoranthene	320		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	47	J	ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	73.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-36 Date Collected: 02/05/25 15:05

Client ID: TS-04R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	170		ug/kg	130	24.	1
Benzo(a)pyrene	180		ug/kg	170	52.	1
Benzo(b)fluoranthene	210		ug/kg	130	36.	1
Benzo(k)fluoranthene	86	J	ug/kg	130	34.	1
Chrysene	160		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	120	J	ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	150		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	28	J	ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	170	30.	1
Pyrene	270		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	33.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-36 Date Collected: 02/05/25 15:05

Client ID: TS-04R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Benzoic Acid	ND		ug/kg	690	220	1
Benzyl Alcohol	ND		ug/kg	210	65.	1
Carbazole	ND		ug/kg	210	21.	1
1,4-Dioxane	ND		ug/kg	32	9.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	114		30-120
2,4,6-Tribromophenol	135		10-136
4-Terphenyl-d14	114		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-38
Client ID: TS-04R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 15:25
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 07:08
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	190		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	38	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-38 Date Collected: 02/05/25 15:25

Client ID: TS-04R-1-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	91	J	ug/kg	110	21.	1
Benzo(a)pyrene	98	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	130		ug/kg	110	32.	1
Benzo(k)fluoranthene	38	J	ug/kg	110	30.	1
Chrysene	95	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	65	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	82	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	57	J	ug/kg	150	26.	1
Pyrene	150		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-38 Date Collected: 02/05/25 15:25

Client ID: TS-04R-1-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	113		30-120
2,4,6-Tribromophenol	**138**	Q	10-136
4-Terphenyl-d14	115		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-44
Client ID: TS-14R-0-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 15:30
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 07:31
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	28	J	ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	1300		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	48	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	360		ug/kg	200	70.	1
Butyl benzyl phthalate	370		ug/kg	200	51.	1
Di-n-butylphthalate	58	J	ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-44 Date Collected: 02/05/25 15:30

Client ID: TS-14R-0-2.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	730		ug/kg	120	23.	1
Benzo(a)pyrene	700		ug/kg	160	49.	1
Benzo(b)fluoranthene	880		ug/kg	120	34.	1
Benzo(k)fluoranthene	250		ug/kg	120	32.	1
Chrysene	670		ug/kg	120	21.	1
Acenaphthylene	110	J	ug/kg	160	31.	1
Anthracene	230		ug/kg	120	39.	1
Benzo(ghi)perylene	390		ug/kg	160	24.	1
Fluorene	48	J	ug/kg	200	20.	1
Phenanthrene	680		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	110	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	380		ug/kg	160	28.	1
Pyrene	1100		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	31	J	ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-44 Date Collected: 02/05/25 15:30

Client ID: TS-14R-0-2.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	68	J	ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	112		30-120
2,4,6-Tribromophenol	135		10-136
4-Terphenyl-d14	111		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-45
Client ID: TS-14R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 15:35
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 04:49
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	26	J	ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	1100		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	37	J	ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-45 Date Collected: 02/05/25 15:35

Client ID: TS-14R-2.5-3 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	1400		ug/kg	120	22.	1
Benzo(a)pyrene	1200		ug/kg	160	48.	1
Benzo(b)fluoranthene	1400		ug/kg	120	33.	1
Benzo(k)fluoranthene	490		ug/kg	120	31.	1
Chrysene	1400		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	120		ug/kg	120	38.	1
Benzo(ghi)perylene	590		ug/kg	160	23.	1
Fluorene	30	J	ug/kg	200	19.	1
Phenanthrene	460		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	170		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	460		ug/kg	160	27.	1
Pyrene	1300		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-45 Date Collected: 02/05/25 15:35

Client ID: TS-14R-2.5-3 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	54	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	113		30-120
2,4,6-Tribromophenol	**141**	Q	10-136
4-Terphenyl-d14	113		18-120

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-47
Client ID: TS-14R-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 15:45
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/18/25 07:14
Analyst: HNY
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/16/25 12:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	360		ug/kg	110	21.	1
Benzo(a)pyrene	310		ug/kg	150	45.	1
Benzo(b)fluoranthene	360		ug/kg	110	31.	1
Chrysene	350		ug/kg	110	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	93		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-49
Client ID: FB-250205
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 09:30
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 02/12/25 10:52
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 02/12/25 07:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.40	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Hexachlorobenzene	ND		ug/l	2.0	0.45	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
2-Chloronaphthalene	ND		ug/l	2.0	0.35	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
Fluoranthene	ND		ug/l	2.0	0.41	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorobutadiene	ND		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Hexachloroethane	ND		ug/l	2.0	0.20	1
Isophorone	ND		ug/l	5.0	0.86	1
Naphthalene	ND		ug/l	2.0	0.54	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	2.9	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-49 Date Collected: 02/05/25 09:30

Client ID: FB-250205 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.37	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62	1
Chrysene	ND		ug/l	2.0	0.22	1
Acenaphthylene	ND		ug/l	2.0	0.32	1
Anthracene	ND		ug/l	2.0	0.47	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.37	1
Fluorene	ND		ug/l	2.0	0.44	1
Phenanthrene	ND		ug/l	2.0	0.42	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48	1
Pyrene	ND		ug/l	2.0	0.41	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
2-Methylnaphthalene	ND		ug/l	2.0	0.37	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Pentachlorophenol	ND		ug/l	10	2.5	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-49 Date Collected: 02/05/25 09:30

Client ID: FB-250205 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	62		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/10/25 12:04
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 02/09/25 13:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 28 Batch: WG2028259-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/10/25 12:04
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 02/09/25 13:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 28 Batch: WG2028259-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/10/25 12:04
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 02/09/25 13:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 28 Batch: WG2028259-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	100		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	91		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/10/25 23:01
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,08,12-13,19-20,26-27,34,36,38,44-45 Batch: WG2028296-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	54	J	ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/10/25 23:01
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,08,12-13,19-20,26-27,34,36,38,44-45 Batch: WG2028296-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/10/25 23:01
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 02/09/25 16:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,08,12-13,19-20,26-27,34,36,38,44-45 Batch: WG2028296-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	103		30-120
2,4,6-Tribromophenol	130		10-136
4-Terphenyl-d14	116		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/11/25 14:30
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/10/25 10:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 35 Batch: WG2028501-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/11/25 14:30
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/10/25 10:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 35 Batch: WG2028501-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/11/25 14:30
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/10/25 10:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 35 Batch: WG2028501-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	88		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/12/25 10:29
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 02/12/25 07:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 49 Batch: WG2029278-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/12/25 10:29
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 02/12/25 07:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 49 Batch: WG2029278-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/12/25 10:29
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 02/12/25 07:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 49 Batch: WG2029278-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	68		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/12/25 16:01
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 02/12/25 09:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2029375-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/12/25 16:01
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 02/12/25 09:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2029375-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/12/25 16:01
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 02/12/25 09:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2029375-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	70		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/14/25 10:55
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 02/13/25 20:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG2030097-1					
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	78		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/17/25 23:58
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 02/16/25 12:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 47 Batch: WG2030749-1					
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Chrysene	ND		ug/kg	98	17.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	80		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/18/25 09:43
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/17/25 13:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21 Batch: WG2031027-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/18/25 09:43
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/17/25 13:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21 Batch: WG2031027-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/18/25 09:43
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/17/25 13:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21 Batch: WG2031027-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	99		30-120
2,4,6-Tribromophenol	113		10-136
4-Terphenyl-d14	106		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 Batch: WG2028259-2 WG2028259-3								
Acenaphthene	90		78		31-137	14		50
1,2,4-Trichlorobenzene	82		72		38-107	13		50
Hexachlorobenzene	80		69		40-140	15		50
Bis(2-chloroethyl)ether	90		76		40-140	17		50
2-Chloronaphthalene	82		69		40-140	17		50
1,2-Dichlorobenzene	86		74		40-140	15		50
1,3-Dichlorobenzene	84		72		40-140	15		50
1,4-Dichlorobenzene	85		73		28-104	15		50
3,3'-Dichlorobenzidine	73		63		40-140	15		50
2,4-Dinitrotoluene	115		99		40-132	15		50
2,6-Dinitrotoluene	103		85		40-140	19		50
Fluoranthene	93		77		40-140	19		50
4-Chlorophenyl phenyl ether	90		76		40-140	17		50
4-Bromophenyl phenyl ether	84		71		40-140	17		50
Bis(2-chloroisopropyl)ether	86		75		40-140	14		50
Bis(2-chloroethoxy)methane	92		79		40-117	15		50
Hexachlorobutadiene	76		65		40-140	16		50
Hexachlorocyclopentadiene	113		96		40-140	16		50
Hexachloroethane	91		79		40-140	14		50
Isophorone	90		77		40-140	16		50
Naphthalene	88		75		40-140	16		50
Nitrobenzene	95		82		40-140	15		50
NDPA/DPA	90		77		36-157	16		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 Batch: WG2028259-2 WG2028259-3								
n-Nitrosodi-n-propylamine	88		77		32-121	13		50
Bis(2-ethylhexyl)phthalate	127		110		40-140	14		50
Butyl benzyl phthalate	115		98		40-140	16		50
Di-n-butylphthalate	112		94		40-140	17		50
Di-n-octylphthalate	125		110		40-140	13		50
Diethyl phthalate	96		82		40-140	16		50
Dimethyl phthalate	86		73		40-140	16		50
Benzo(a)anthracene	95		83		40-140	13		50
Benzo(a)pyrene	105		89		40-140	16		50
Benzo(b)fluoranthene	93		82		40-140	13		50
Benzo(k)fluoranthene	103		89		40-140	15		50
Chrysene	97		83		40-140	16		50
Acenaphthylene	91		77		40-140	17		50
Anthracene	93		80		40-140	15		50
Benzo(ghi)perylene	100		84		40-140	17		50
Fluorene	92		79		40-140	15		50
Phenanthrene	91		76		40-140	18		50
Dibenzo(a,h)anthracene	96		82		40-140	16		50
Indeno(1,2,3-cd)pyrene	96		83		40-140	15		50
Pyrene	91		76		35-142	18		50
Biphenyl	87		74		37-127	16		50
4-Chloroaniline	79		68		40-140	15		50
2-Nitroaniline	113		95		47-134	17		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 Batch: WG2028259-2 WG2028259-3								
3-Nitroaniline	78		68		26-129	14		50
4-Nitroaniline	114		99		41-125	14		50
Dibenzofuran	89		76		40-140	16		50
2-Methylnaphthalene	82		68		40-140	19		50
1,2,4,5-Tetrachlorobenzene	80		68		40-117	16		50
Acetophenone	97		85		14-144	13		50
2,4,6-Trichlorophenol	93		79		30-130	16		50
p-Chloro-m-cresol	100		84		26-103	17		50
2-Chlorophenol	100		86		25-102	15		50
2,4-Dichlorophenol	92		78		30-130	16		50
2,4-Dimethylphenol	114		97		30-130	16		50
2-Nitrophenol	123		106		30-130	15		50
4-Nitrophenol	114		96		11-114	17		50
2,4-Dinitrophenol	125		106		4-130	16		50
4,6-Dinitro-o-cresol	129		112		10-130	14		50
Pentachlorophenol	89		77		17-109	14		50
Phenol	**95**	Q	83		26-90	13		50
2-Methylphenol	100		87		30-130.	14		50
3-Methylphenol/4-Methylphenol	100		86		30-130	15		50
2,4,5-Trichlorophenol	94		80		30-130	16		50
Benzoic Acid	102		86		10-110	17		50
Benzyl Alcohol	98		85		40-140	14		50
Carbazole	97		82		54-128	17		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 Batch: WG2028259-2 WG2028259-3								
1,4-Dioxane	82		69		40-140	17		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	105		90		25-120
Phenol-d6	99		85		10-120
Nitrobenzene-d5	101		86		23-120
2-Fluorobiphenyl	82		70		30-120
2,4,6-Tribromophenol	83		72		10-136
4-Terphenyl-d14	92		78		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12-13,19-20,26-27,34,36,38,44-45 Batch: WG2028296-2 WG2028296-3								
Acenaphthene	88		82		31-137	7		50
1,2,4-Trichlorobenzene	86		80		38-107	7		50
Hexachlorobenzene	110		98		40-140	12		50
Bis(2-chloroethyl)ether	68		66		40-140	3		50
2-Chloronaphthalene	90		86		40-140	5		50
1,2-Dichlorobenzene	81		76		40-140	6		50
1,3-Dichlorobenzene	83		77		40-140	8		50
1,4-Dichlorobenzene	78		77		28-104	1		50
3,3'-Dichlorobenzidine	89		80		40-140	11		50
2,4-Dinitrotoluene	104		96		40-132	8		50
2,6-Dinitrotoluene	99		94		40-140	5		50
Fluoranthene	100		90		40-140	11		50
4-Chlorophenyl phenyl ether	93		85		40-140	9		50
4-Bromophenyl phenyl ether	97		90		40-140	7		50
Bis(2-chloroisopropyl)ether	52		49		40-140	6		50
Bis(2-chloroethoxy)methane	68		66		40-117	3		50
Hexachlorobutadiene	87		84		40-140	4		50
Hexachlorocyclopentadiene	120		113		40-140	6		50
Hexachloroethane	75		73		40-140	3		50
Isophorone	69		64		40-140	8		50
Naphthalene	84		80		40-140	5		50
Nitrobenzene	73		68		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12-13,19-20,26-27,34,36,38,44-45 Batch: WG2028296-2 WG2028296-3								
NDPA/DPA	96		89		36-157	8		50
n-Nitrosodi-n-propylamine	67		65		32-121	3		50
Bis(2-ethylhexyl)phthalate	101		90		40-140	12		50
Butyl benzyl phthalate	113		104		40-140	8		50
Di-n-butylphthalate	97		89		40-140	9		50
Di-n-octylphthalate	104		93		40-140	11		50
Diethyl phthalate	91		84		40-140	8		50
Dimethyl phthalate	91		86		40-140	6		50
Benzo(a)anthracene	92		81		40-140	13		50
Benzo(a)pyrene	108		96		40-140	12		50
Benzo(b)fluoranthene	100		91		40-140	9		50
Benzo(k)fluoranthene	105		96		40-140	9		50
Chrysene	92		83		40-140	10		50
Acenaphthylene	94		91		40-140	3		50
Anthracene	99		89		40-140	11		50
Benzo(ghi)perylene	105		95		40-140	10		50
Fluorene	95		86		40-140	10		50
Phenanthrene	95		86		40-140	10		50
Dibenzo(a,h)anthracene	104		94		40-140	10		50
Indeno(1,2,3-cd)pyrene	103		92		40-140	11		50
Pyrene	100		91		35-142	9		50
Biphenyl	92		86		37-127	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12-13,19-20,26-27,34,36,38,44-45 Batch: WG2028296-2 WG2028296-3								
4-Chloroaniline	67		63		40-140	6		50
2-Nitroaniline	100		94		47-134	6		50
3-Nitroaniline	70		65		26-129	7		50
4-Nitroaniline	98		88		41-125	11		50
Dibenzofuran	93		87		40-140	7		50
2-Methylnaphthalene	82		79		40-140	4		50
1,2,4,5-Tetrachlorobenzene	94		91		40-117	3		50
Acetophenone	78		74		14-144	5		50
2,4,6-Trichlorophenol	98		89		30-130	10		50
p-Chloro-m-cresol	86		79		26-103	8		50
2-Chlorophenol	86		83		25-102	4		50
2,4-Dichlorophenol	94		86		30-130	9		50
2,4-Dimethylphenol	90		83		30-130	8		50
2-Nitrophenol	97		93		30-130	4		50
4-Nitrophenol	95		89		11-114	7		50
2,4-Dinitrophenol	**134**	Q	121		4-130	10		50
4,6-Dinitro-o-cresol	**135**	Q	120		10-130	12		50
Pentachlorophenol	**117**	Q	103		17-109	13		50
Phenol	72		69		26-90	4		50
2-Methylphenol	80		77		30-130.	4		50
3-Methylphenol/4-Methylphenol	79		75		30-130	5		50
2,4,5-Trichlorophenol	103		97		30-130	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12-13,19-20,26-27,34,36,38,44-45 Batch: WG2028296-2 WG2028296-3								
Benzoic Acid	77		90		10-110	16		50
Benzyl Alcohol	78		72		40-140	8		50
Carbazole	97		87		54-128	11		50
1,4-Dioxane	55		55		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	89		80		25-120
Phenol-d6	82		76		10-120
Nitrobenzene-d5	77		73		23-120
2-Fluorobiphenyl	95		89		30-120
2,4,6-Tribromophenol	127		112		10-136
4-Terphenyl-d14	112		101		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 35 Batch: WG2028501-2 WG2028501-3								
Acenaphthene	83		90		31-137	8		50
1,2,4-Trichlorobenzene	75		82		38-107	9		50
Hexachlorobenzene	74		81		40-140	9		50
Bis(2-chloroethyl)ether	81		88		40-140	8		50
2-Chloronaphthalene	71		80		40-140	12		50
1,2-Dichlorobenzene	76		85		40-140	11		50
1,3-Dichlorobenzene	76		83		40-140	9		50
1,4-Dichlorobenzene	77		85		28-104	10		50
3,3'-Dichlorobenzidine	68		77		40-140	12		50
2,4-Dinitrotoluene	106		115		40-132	8		50
2,6-Dinitrotoluene	89		102		40-140	14		50
Fluoranthene	83		92		40-140	10		50
4-Chlorophenyl phenyl ether	80		89		40-140	11		50
4-Bromophenyl phenyl ether	78		84		40-140	7		50
Bis(2-chloroisopropyl)ether	81		87		40-140	7		50
Bis(2-chloroethoxy)methane	84		94		40-117	11		50
Hexachlorobutadiene	69		76		40-140	10		50
Hexachlorocyclopentadiene	96		105		40-140	9		50
Hexachloroethane	79		89		40-140	12		50
Isophorone	82		92		40-140	11		50
Naphthalene	78		88		40-140	12		50
Nitrobenzene	87		98		40-140	12		50
NDPA/DPA	84		91		36-157	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 35 Batch: WG2028501-2 WG2028501-3								
n-Nitrosodi-n-propylamine	82		91		32-121	10		50
Bis(2-ethylhexyl)phthalate	120		133		40-140	10		50
Butyl benzyl phthalate	105		117		40-140	11		50
Di-n-butylphthalate	102		115		40-140	12		50
Di-n-octylphthalate	119		132		40-140	10		50
Diethyl phthalate	88		96		40-140	9		50
Dimethyl phthalate	76		86		40-140	12		50
Benzo(a)anthracene	89		99		40-140	11		50
Benzo(a)pyrene	96		108		40-140	12		50
Benzo(b)fluoranthene	90		103		40-140	13		50
Benzo(k)fluoranthene	91		102		40-140	11		50
Chrysene	88		101		40-140	14		50
Acenaphthylene	82		91		40-140	10		50
Anthracene	85		96		40-140	12		50
Benzo(ghi)perylene	92		103		40-140	11		50
Fluorene	84		93		40-140	10		50
Phenanthrene	82		92		40-140	11		50
Dibenzo(a,h)anthracene	88		98		40-140	11		50
Indeno(1,2,3-cd)pyrene	90		102		40-140	13		50
Pyrene	82		90		35-142	9		50
Biphenyl	77		86		37-127	11		50
4-Chloroaniline	59		69		40-140	16		50
2-Nitroaniline	103		116		47-134	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 35 Batch: WG2028501-2 WG2028501-3								
3-Nitroaniline	66		72		26-129	9		50
4-Nitroaniline	99		108		41-125	9		50
Dibenzofuran	82		89		40-140	8		50
2-Methylnaphthalene	72		79		40-140	9		50
1,2,4,5-Tetrachlorobenzene	71		78		40-117	9		50
Acetophenone	89		98		14-144	10		50
2,4,6-Trichlorophenol	82		93		30-130	13		50
p-Chloro-m-cresol	90		101		26-103	12		50
2-Chlorophenol	92		101		25-102	9		50
2,4-Dichlorophenol	83		94		30-130	12		50
2,4-Dimethylphenol	101		114		30-130	12		50
2-Nitrophenol	112		126		30-130	12		50
4-Nitrophenol	109		**120**	Q	11-114	10		50
2,4-Dinitrophenol	113		124		4-130	9		50
4,6-Dinitro-o-cresol	119		**131**	Q	10-130	10		50
Pentachlorophenol	84		92		17-109	9		50
Phenol	87		**96**	Q	26-90	10		50
2-Methylphenol	89		101		30-130.	13		50
3-Methylphenol/4-Methylphenol	91		102		30-130	11		50
2,4,5-Trichlorophenol	84		94		30-130	11		50
Benzoic Acid	**116**	Q	**131**	Q	10-110	12		50
Benzyl Alcohol	91		102		40-140	11		50
Carbazole	88		100		54-128	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 35 Batch: WG2028501-2 WG2028501-3								
1,4-Dioxane	67		72		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	95		104		25-120
Phenol-d6	90		99		10-120
Nitrobenzene-d5	90		100		23-120
2-Fluorobiphenyl	73		80		30-120
2,4,6-Tribromophenol	77		87		10-136
4-Terphenyl-d14	83		93		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 49 Batch: WG2029278-2 WG2029278-3								
Acenaphthene	79		74		37-111	7		30
1,2,4-Trichlorobenzene	72		68		39-98	6		30
Hexachlorobenzene	68		60		40-140	13		30
Bis(2-chloroethyl)ether	80		73		40-140	9		30
2-Chloronaphthalene	76		72		40-140	5		30
1,2-Dichlorobenzene	74		70		40-140	6		30
1,3-Dichlorobenzene	73		66		40-140	10		30
1,4-Dichlorobenzene	75		69		36-97	8		30
3,3'-Dichlorobenzidine	79		76		40-140	4		30
2,4-Dinitrotoluene	88		77		48-143	13		30
2,6-Dinitrotoluene	84		78		40-140	7		30
Fluoranthene	88		82		40-140	7		30
4-Chlorophenyl phenyl ether	76		70		40-140	8		30
4-Bromophenyl phenyl ether	74		69		40-140	7		30
Bis(2-chloroisopropyl)ether	107		94		40-140	13		30
Bis(2-chloroethoxy)methane	84		77		40-140	9		30
Hexachlorobutadiene	65		59		40-140	10		30
Hexachlorocyclopentadiene	76		73		40-140	4		30
Hexachloroethane	77		72		40-140	7		30
Isophorone	82		77		40-140	6		30
Naphthalene	76		70		40-140	8		30
Nitrobenzene	85		79		40-140	7		30
NDPA/DPA	85		78		40-140	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 49 Batch: WG2029278-2 WG2029278-3								
n-Nitrosodi-n-propylamine	81		78		29-132	4		30
Bis(2-ethylhexyl)phthalate	104		95		40-140	9		30
Butyl benzyl phthalate	97		88		40-140	10		30
Di-n-butylphthalate	102		94		40-140	8		30
Di-n-octylphthalate	108		98		40-140	10		30
Diethyl phthalate	86		79		40-140	8		30
Dimethyl phthalate	84		78		40-140	7		30
Benzo(a)anthracene	91		84		40-140	8		30
Benzo(a)pyrene	90		84		40-140	7		30
Benzo(b)fluoranthene	86		76		40-140	12		30
Benzo(k)fluoranthene	89		79		40-140	12		30
Chrysene	86		76		40-140	12		30
Acenaphthylene	90		88		45-123	2		30
Anthracene	86		81		40-140	6		30
Benzo(ghi)perylene	84		77		40-140	9		30
Fluorene	84		76		40-140	10		30
Phenanthrene	83		78		40-140	6		30
Dibenzo(a,h)anthracene	88		78		40-140	12		30
Indeno(1,2,3-cd)pyrene	87		75		40-140	15		30
Pyrene	88		82		26-127	7		30
Biphenyl	79		73		40-140	8		30
4-Chloroaniline	77		75		40-140	3		30
2-Nitroaniline	91		82		52-143	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 49 Batch: WG2029278-2 WG2029278-3								
3-Nitroaniline	83		77		25-145	8		30
4-Nitroaniline	86		76		51-143	12		30
Dibenzofuran	81		74		40-140	9		30
2-Methylnaphthalene	70		65		40-140	7		30
1,2,4,5-Tetrachlorobenzene	70		65		2-134	7		30
Acetophenone	83		80		39-129	4		30
2,4,6-Trichlorophenol	82		76		30-130	8		30
p-Chloro-m-cresol	93		85		23-97	9		30
2-Chlorophenol	80		75		27-123	6		30
2,4-Dichlorophenol	83		80		30-130	4		30
2,4-Dimethylphenol	104		94		30-130	10		30
2-Nitrophenol	88		79		30-130	11		30
4-Nitrophenol	75		69		10-80	8		30
2,4-Dinitrophenol	84		74		20-130	13		30
4,6-Dinitro-o-cresol	82		76		20-164	8		30
Pentachlorophenol	84		75		9-103	11		30
Phenol	50		47		12-110	6		30
2-Methylphenol	83		76		30-130	9		30
3-Methylphenol/4-Methylphenol	80		75		30-130	6		30
2,4,5-Trichlorophenol	90		82		30-130	9		30
Benzoic Acid	53		55		10-164	4		30
Benzyl Alcohol	80		75		26-116	6		30
Carbazole	90		84		55-144	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 49 Batch: WG2029278-2 WG2029278-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		50		21-120
Phenol-d6	43		38		10-120
Nitrobenzene-d5	82		69		23-120
2-Fluorobiphenyl	71		67		15-120
2,4,6-Tribromophenol	58		51		10-120
4-Terphenyl-d14	71		63		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2029375-2 WG2029375-3								
Acenaphthene	79		66		31-137	18		50
1,2,4-Trichlorobenzene	82		66		38-107	22		50
Hexachlorobenzene	87		69		40-140	23		50
Bis(2-chloroethyl)ether	88		73		40-140	19		50
2-Chloronaphthalene	83		68		40-140	20		50
1,2-Dichlorobenzene	81		67		40-140	19		50
1,3-Dichlorobenzene	78		66		40-140	17		50
1,4-Dichlorobenzene	79		67		28-104	16		50
3,3'-Dichlorobenzidine	80		65		40-140	21		50
2,4-Dinitrotoluene	86		70		40-132	21		50
2,6-Dinitrotoluene	85		70		40-140	19		50
Fluoranthene	88		74		40-140	17		50
4-Chlorophenyl phenyl ether	82		69		40-140	17		50
4-Bromophenyl phenyl ether	84		68		40-140	21		50
Bis(2-chloroisopropyl)ether	107		91		40-140	16		50
Bis(2-chloroethoxy)methane	89		74		40-117	18		50
Hexachlorobutadiene	82		72		40-140	13		50
Hexachlorocyclopentadiene	69		58		40-140	17		50
Hexachloroethane	82		67		40-140	20		50
Isophorone	88		71		40-140	21		50
Naphthalene	82		69		40-140	17		50
Nitrobenzene	90		74		40-140	20		50
NDPA/DPA	83		69		36-157	18		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2029375-2 WG2029375-3								
n-Nitrosodi-n-propylamine	88		71		32-121	21		50
Bis(2-ethylhexyl)phthalate	83		69		40-140	18		50
Butyl benzyl phthalate	94		79		40-140	17		50
Di-n-butylphthalate	85		71		40-140	18		50
Di-n-octylphthalate	90		74		40-140	20		50
Diethyl phthalate	81		67		40-140	19		50
Dimethyl phthalate	83		67		40-140	21		50
Benzo(a)anthracene	80		69		40-140	15		50
Benzo(a)pyrene	84		72		40-140	15		50
Benzo(b)fluoranthene	78		67		40-140	15		50
Benzo(k)fluoranthene	83		72		40-140	14		50
Chrysene	79		66		40-140	18		50
Acenaphthylene	93		75		40-140	21		50
Anthracene	84		70		40-140	18		50
Benzo(ghi)perylene	83		72		40-140	14		50
Fluorene	85		69		40-140	21		50
Phenanthrene	80		68		40-140	16		50
Dibenzo(a,h)anthracene	82		70		40-140	16		50
Indeno(1,2,3-cd)pyrene	81		70		40-140	15		50
Pyrene	90		74		35-142	20		50
Biphenyl	85		69		37-127	21		50
4-Chloroaniline	68		81		40-140	17		50
2-Nitroaniline	98		78		47-134	23		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2029375-2 WG2029375-3								
3-Nitroaniline	75		57		26-129	27		50
4-Nitroaniline	85		70		41-125	19		50
Dibenzofuran	80		67		40-140	18		50
2-Methylnaphthalene	75		62		40-140	19		50
1,2,4,5-Tetrachlorobenzene	91		75		40-117	19		50
Acetophenone	91		77		14-144	17		50
2,4,6-Trichlorophenol	88		70		30-130	23		50
p-Chloro-m-cresol	94		77		26-103	20		50
2-Chlorophenol	88		70		25-102	23		50
2,4-Dichlorophenol	88		71		30-130	21		50
2,4-Dimethylphenol	109		83		30-130	27		50
2-Nitrophenol	89		71		30-130	23		50
4-Nitrophenol	**116**	Q	96		11-114	19		50
2,4-Dinitrophenol	55		45		4-130	20		50
4,6-Dinitro-o-cresol	77		62		10-130	22		50
Pentachlorophenol	101		80		17-109	23		50
Phenol	**91**	Q	73		26-90	22		50
2-Methylphenol	94		75		30-130.	22		50
3-Methylphenol/4-Methylphenol	99		80		30-130	21		50
2,4,5-Trichlorophenol	90		73		30-130	21		50
Benzoic Acid	93		71		10-110	27		50
Benzyl Alcohol	96		77		40-140	22		50
Carbazole	84		70		54-128	18		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2029375-2 WG2029375-3								
1,4-Dioxane	70		62		40-140	12		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	103		82		25-120
Phenol-d6	97		78		10-120
Nitrobenzene-d5	96		76		23-120
2-Fluorobiphenyl	86		70		30-120
2,4,6-Tribromophenol	93		72		10-136
4-Terphenyl-d14	93		75		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG2030097-2 WG2030097-3								
Benzo(a)anthracene	44		52		40-140	17		50
Benzo(a)pyrene	50		57		40-140	13		50
Benzo(b)fluoranthene	48		56		40-140	15		50
Benzo(k)fluoranthene	48		55		40-140	14		50
Chrysene	45		52		40-140	14		50
Dibenzo(a,h)anthracene	46		54		40-140	16		50
Indeno(1,2,3-cd)pyrene	45		53		40-140	16		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		64		25-120
Phenol-d6	58		63		10-120
Nitrobenzene-d5	57		60		23-120
2-Fluorobiphenyl	57		62		30-120
2,4,6-Tribromophenol	58		63		10-136
4-Terphenyl-d14	54		61		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 47 Batch: WG2030749-2 WG2030749-3								
Benzo(a)anthracene	77		80		40-140	4		50
Benzo(a)pyrene	95		94		40-140	1		50
Benzo(b)fluoranthene	88		90		40-140	2		50
Chrysene	79		82		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	84		83		25-120
Phenol-d6	82		82		10-120
Nitrobenzene-d5	68		68		23-120
2-Fluorobiphenyl	69		69		30-120
2,4,6-Tribromophenol	87		80		10-136
4-Terphenyl-d14	88		87		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21 Batch: WG2031027-2 WG2031027-3								
Acenaphthene	82		96		31-137	16		50
1,2,4-Trichlorobenzene	81		98		38-107	19		50
Hexachlorobenzene	98		113		40-140	14		50
Bis(2-chloroethyl)ether	64		77		40-140	18		50
2-Chloronaphthalene	88		102		40-140	15		50
1,2-Dichlorobenzene	72		92		40-140	24		50
1,3-Dichlorobenzene	73		93		40-140	24		50
1,4-Dichlorobenzene	73		93		28-104	24		50
3,3'-Dichlorobenzidine	69		66		40-140	4		50
2,4-Dinitrotoluene	99		113		40-132	13		50
2,6-Dinitrotoluene	96		110		40-140	14		50
Fluoranthene	93		106		40-140	13		50
4-Chlorophenyl phenyl ether	91		105		40-140	14		50
4-Bromophenyl phenyl ether	92		106		40-140	14		50
Bis(2-chloroisopropyl)ether	52		64		40-140	21		50
Bis(2-chloroethoxy)methane	66		77		40-117	15		50
Hexachlorobutadiene	83		100		40-140	19		50
Hexachlorocyclopentadiene	106		127		40-140	18		50
Hexachloroethane	71		88		40-140	21		50
Isophorone	68		79		40-140	15		50
Naphthalene	79		94		40-140	17		50
Nitrobenzene	70		84		40-140	18		50
NDPA/DPA	92		105		36-157	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21 Batch: WG2031027-2 WG2031027-3								
n-Nitrosodi-n-propylamine	68		77		32-121	12		50
Bis(2-ethylhexyl)phthalate	94		108		40-140	14		50
Butyl benzyl phthalate	108		119		40-140	10		50
Di-n-butylphthalate	90		102		40-140	13		50
Di-n-octylphthalate	100		112		40-140	11		50
Diethyl phthalate	86		100		40-140	15		50
Dimethyl phthalate	90		102		40-140	13		50
Benzo(a)anthracene	85		98		40-140	14		50
Benzo(a)pyrene	98		112		40-140	13		50
Benzo(b)fluoranthene	92		104		40-140	12		50
Benzo(k)fluoranthene	97		112		40-140	14		50
Chrysene	85		97		40-140	13		50
Acenaphthylene	94		109		40-140	15		50
Anthracene	91		102		40-140	11		50
Benzo(ghi)perylene	94		107		40-140	13		50
Fluorene	88		102		40-140	15		50
Phenanthrene	86		99		40-140	14		50
Dibenzo(a,h)anthracene	90		101		40-140	12		50
Indeno(1,2,3-cd)pyrene	92		104		40-140	12		50
Pyrene	93		106		35-142	13		50
Biphenyl	90		101		37-127	12		50
4-Chloroaniline	55		78		40-140	35		50
2-Nitroaniline	102		114		47-134	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21 Batch: WG2031027-2 WG2031027-3								
3-Nitroaniline	62		57		26-129	8		50
4-Nitroaniline	87		96		41-125	10		50
Dibenzofuran	88		103		40-140	16		50
2-Methylnaphthalene	79		92		40-140	15		50
1,2,4,5-Tetrachlorobenzene	94		111		40-117	17		50
Acetophenone	74		89		14-144	18		50
2,4,6-Trichlorophenol	94		109		30-130	15		50
p-Chloro-m-cresol	84		94		26-103	11		50
2-Chlorophenol	80		98		25-102	20		50
2,4-Dichlorophenol	88		102		30-130	15		50
2,4-Dimethylphenol	86		101		30-130	16		50
2-Nitrophenol	90		111		30-130	21		50
4-Nitrophenol	103		**124**	Q	11-114	19		50
2,4-Dinitrophenol	110		128		4-130	15		50
4,6-Dinitro-o-cresol	125		**138**	Q	10-130	10		50
Pentachlorophenol	96		**112**	Q	17-109	15		50
Phenol	67		80		26-90	18		50
2-Methylphenol	76		89		30-130.	16		50
3-Methylphenol/4-Methylphenol	80		94		30-130	16		50
2,4,5-Trichlorophenol	105		121		30-130	14		50
Benzoic Acid	78		86		10-110	10		50
Benzyl Alcohol	72		86		40-140	18		50
Carbazole	90		100		54-128	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21 Batch: WG2031027-2 WG2031027-3								
1,4-Dioxane	59		70		40-140	17		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		96		25-120
Phenol-d6	77		92		10-120
Nitrobenzene-d5	75		90		23-120
2-Fluorobiphenyl	92		106		30-120
2,4,6-Tribromophenol	110		125		10-136
4-Terphenyl-d14	101		113		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 QC Batch ID: WG2028259-4 WG2028259-5 QC Sample: L2506464-28 Client ID: TS-13R-1-1.5												
Acenaphthene	ND	1470	1500	100		1600	110		31-137	6		50
1,2,4-Trichlorobenzene	ND	1470	1400	95		1600	**110**	Q	38-107	13		50
Hexachlorobenzene	ND	1470	1300	89		1500	100		40-140	14		50
Bis(2-chloroethyl)ether	ND	1470	1500	100		1600	110		40-140	6		50
2-Chloronaphthalene	ND	1470	1400	95		1500	100		40-140	7		50
1,2-Dichlorobenzene	ND	1470	1500	100		1600	110		40-140	6		50
1,3-Dichlorobenzene	ND	1470	1500	100		1600	110		40-140	6		50
1,4-Dichlorobenzene	ND	1470	1500	100		1600	**110**	Q	28-104	6		50
3,3'-Dichlorobenzidine	ND	1470	1600	110		1800	120		40-140	12		50
2,4-Dinitrotoluene	ND	1470	1900	130		2000	**140**	Q	40-132	5		50
2,6-Dinitrotoluene	ND	1470	1700	120		1800	120		40-140	6		50
Fluoranthene	ND	1470	1600	110		1700	120		40-140	6		50
4-Chlorophenyl phenyl ether	ND	1470	1500	100		1600	110		40-140	6		50
4-Bromophenyl phenyl ether	ND	1470	1400	95		1500	100		40-140	7		50
Bis(2-chloroisopropyl)ether	ND	1470	1500	100		1600	110		40-140	6		50
Bis(2-chloroethoxy)methane	ND	1470	1600	110		1700	**120**	Q	40-117	6		50
Hexachlorobutadiene	ND	1470	1300	89		1400	95		40-140	7		50
Hexachlorocyclopentadiene	ND	1470	1200	82		1300	88		40-140	8		50
Hexachloroethane	ND	1470	1500	100		1600	110		40-140	6		50
Isophorone	ND	1470	1500	100		1600	110		40-140	6		50
Naphthalene	ND	1470	1600	110		1600	110		40-140	0		50
Nitrobenzene	ND	1470	1700	120		1800	120		40-140	6		50
NDPA/DPA	ND	1470	1500	100		1600	110		36-157	6		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 QC Batch ID: WG2028259-4 WG2028259-5 QC Sample: L2506464-28 Client ID: TS-13R-1-1.5												
n-Nitrosodi-n-propylamine	ND	1470	1600	110		1600	110		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1470	2200	**150**	Q	2400	**160**	Q	40-140	9		50
Butyl benzyl phthalate	ND	1470	2000	140		2200	**150**	Q	40-140	10		50
Di-n-butylphthalate	ND	1470	1900	130		2100	140		40-140	10		50
Di-n-octylphthalate	ND	1470	2200	**150**	Q	2400	**160**	Q	40-140	9		50
Diethyl phthalate	ND	1470	1600	110		1700	120		40-140	6		50
Dimethyl phthalate	ND	1470	1400	95		1500	100		40-140	7		50
Benzo(a)anthracene	ND	1470	1600	110		1800	120		40-140	12		50
Benzo(a)pyrene	ND	1470	1700	120		1900	130		40-140	11		50
Benzo(b)fluoranthene	ND	1470	1500	100		1500	100		40-140	0		50
Benzo(k)fluoranthene	ND	1470	1700	120		1700	120		40-140	0		50
Chrysene	ND	1470	1600	110		1800	120		40-140	12		50
Acenaphthylene	ND	1470	1500	100		1600	110		40-140	6		50
Anthracene	ND	1470	1600	110		1700	120		40-140	6		50
Benzo(ghi)perylene	ND	1470	1600	110		1800	120		40-140	12		50
Fluorene	ND	1470	1600	110		1700	120		40-140	6		50
Phenanthrene	ND	1470	1500	100		1700	120		40-140	13		50
Dibenzo(a,h)anthracene	ND	1470	1600	110		1700	120		40-140	6		50
Indeno(1,2,3-cd)pyrene	ND	1470	1600	110		1800	120		40-140	12		50
Pyrene	ND	1470	1500	100		1700	120		35-142	13		50
Biphenyl	ND	1470	1500	100		1600	110		37-127	6		50
4-Chloroaniline	ND	1470	1200	82		1200	81		40-140	0		50
2-Nitroaniline	ND	1470	1900	130		2100	**140**	Q	47-134	10		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 QC Batch ID: WG2028259-4 WG2028259-5 QC Sample: L2506464-28 Client ID: TS-13R-1-1.5												
3-Nitroaniline	ND	1470	1500	100		1600	110		26-129	6		50
4-Nitroaniline	ND	1470	1800	120		1900	**130**	Q	41-125	5		50
Dibenzofuran	ND	1470	1500	100		1600	110		40-140	6		50
2-Methylnaphthalene	ND	1470	1400	95		1400	95		40-140	0		50
1,2,4,5-Tetrachlorobenzene	ND	1470	1400	95		1500	100		40-117	7		50
Acetophenone	ND	1470	1700	120		1800	120		14-144	6		50
2,4,6-Trichlorophenol	ND	1470	1600	110		1600	110		30-130	0		50
p-Chloro-m-cresol	ND	1470	1700	**120**	Q	1800	**120**	Q	26-103	6		50
2-Chlorophenol	ND	1470	1700	**120**	Q	1800	**120**	Q	25-102	6		50
2,4-Dichlorophenol	ND	1470	1600	110		1700	120		30-130	6		50
2,4-Dimethylphenol	ND	1470	1900	130		2000	**140**	Q	30-130	5		50
2-Nitrophenol	ND	1470	2100	**140**	Q	2100	**140**	Q	30-130	0		50
4-Nitrophenol	ND	1470	1800	**120**	Q	1800	**120**	Q	11-114	0		50
2,4-Dinitrophenol	ND	1470	440J	30		530J	36		4-130	19		50
4,6-Dinitro-o-cresol	ND	1470	790	54		780	53		10-130	1		50
Pentachlorophenol	ND	1470	1400	95		1400	95		17-109	0		50
Phenol	ND	1470	1600	**110**	Q	1700	**120**	Q	26-90	6		50
2-Methylphenol	ND	1470	1700	120		1800	120		30-130.	6		50
3-Methylphenol/4-Methylphenol	ND	1470	1700	120		1800	120		30-130	6		50
2,4,5-Trichlorophenol	ND	1470	1600	110		1700	120		30-130	6		50
Benzoic Acid	ND	1470	300J	20		360J	24		10-110	18		50
Benzyl Alcohol	ND	1470	1700	120		1800	120		40-140	6		50
Carbazole	ND	1470	1600	110		1800	120		54-128	12		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 QC Batch ID: WG2028259-4 WG2028259-5 QC Sample: L2506464-28 Client ID: TS-13R-1-1.5												
1,4-Dioxane	ND	1470	1300	89		1300	88		40-140	0		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	96		104		10-136
2-Fluorobiphenyl	97		105		30-120
2-Fluorophenol	**124**	Q	**130**	Q	25-120
4-Terphenyl-d14	106		118		18-120
Nitrobenzene-d5	**123**	Q	**131**	Q	23-120
Phenol-d6	116		**125**	Q	10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12-13,19-20,26-27,34,36,38,44-45 QC Batch ID: WG2028296-4 WG2028296-5 QC Sample: L2506464-26 Client ID: TEI-SB-03-7-9												
Acenaphthene	ND	1370	1200	87		1200	88		31-137	0		50
1,2,4-Trichlorobenzene	ND	1370	1200	87		1200	88		38-107	0		50
Hexachlorobenzene	ND	1370	1600	120		1400	100		40-140	13		50
Bis(2-chloroethyl)ether	ND	1370	960	70		940	69		40-140	2		50
2-Chloronaphthalene	ND	1370	1300	95		1300	96		40-140	0		50
1,2-Dichlorobenzene	ND	1370	1200	87		1100	81		40-140	9		50
1,3-Dichlorobenzene	ND	1370	1200	87		1200	88		40-140	0		50
1,4-Dichlorobenzene	ND	1370	1200	87		1200	88		28-104	0		50
3,3'-Dichlorobenzidine	ND	1370	1200	87		1100	81		40-140	9		50
2,4-Dinitrotoluene	ND	1370	1500	110		1400	100		40-132	7		50
2,6-Dinitrotoluene	ND	1370	1400	100		1400	100		40-140	0		50
Fluoranthene	ND	1370	1500	110		1300	96		40-140	14		50
4-Chlorophenyl phenyl ether	ND	1370	1400	100		1300	96		40-140	7		50
4-Bromophenyl phenyl ether	ND	1370	1400	100		1300	96		40-140	7		50
Bis(2-chloroisopropyl)ether	ND	1370	650	47		630	46		40-140	3		50
Bis(2-chloroethoxy)methane	ND	1370	910	66		870	64		40-117	4		50
Hexachlorobutadiene	ND	1370	1200	87		1300	96		40-140	8		50
Hexachlorocyclopentadiene	ND	1370	1700	120		1800	130		40-140	6		50
Hexachloroethane	ND	1370	1000	73		1000	74		40-140	0		50
Isophorone	ND	1370	920	67		880	65		40-140	4		50
Naphthalene	ND	1370	1200	87		1200	88		40-140	0		50
Nitrobenzene	ND	1370	980	71		970	71		40-140	1		50
NDPA/DPA	ND	1370	1400	100		1300	96		36-157	7		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12-13,19-20,26-27,34,36,38,44-45 QC Batch ID: WG2028296-4 WG2028296-5 QC Sample: L2506464-26 Client ID: TEI-SB-03-7-9												
n-Nitrosodi-n-propylamine	ND	1370	920	67		870	64		32-121	6		50
Bis(2-ethylhexyl)phthalate	ND	1370	1300	95		1300	96		40-140	0		50
Butyl benzyl phthalate	ND	1370	1600	120		1600	120		40-140	0		50
Di-n-butylphthalate	57J	1370	1400	100		1400	100		40-140	0		50
Di-n-octylphthalate	ND	1370	1300	95		1400	100		40-140	7		50
Diethyl phthalate	ND	1370	1300	95		1200	88		40-140	8		50
Dimethyl phthalate	ND	1370	1300	95		1300	96		40-140	0		50
Benzo(a)anthracene	ND	1370	1300	95		1200	88		40-140	8		50
Benzo(a)pyrene	ND	1370	1400	100		1400	100		40-140	0		50
Benzo(b)fluoranthene	ND	1370	1300	95		1300	96		40-140	0		50
Benzo(k)fluoranthene	ND	1370	1400	100		1400	100		40-140	0		50
Chrysene	ND	1370	1300	95		1200	88		40-140	8		50
Acenaphthylene	ND	1370	1400	100		1400	100		40-140	0		50
Anthracene	ND	1370	1400	100		1300	96		40-140	7		50
Benzo(ghi)perylene	ND	1370	1500	110		1300	96		40-140	14		50
Fluorene	ND	1370	1300	95		1200	88		40-140	8		50
Phenanthrene	ND	1370	1300	95		1200	88		40-140	8		50
Dibenzo(a,h)anthracene	ND	1370	1500	110		1400	100		40-140	7		50
Indeno(1,2,3-cd)pyrene	ND	1370	1500	110		1300	96		40-140	14		50
Pyrene	ND	1370	1500	110		1300	96		35-142	14		50
Biphenyl	ND	1370	1300	95		1300	96		37-127	0		50
4-Chloroaniline	ND	1370	880	64		840	62		40-140	5		50
2-Nitroaniline	ND	1370	1400	100		1500	110		47-134	7		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12-13,19-20,26-27,34,36,38,44-45 QC Batch ID: WG2028296-4 WG2028296-5 QC Sample: L2506464-26 Client ID: TEI-SB-03-7-9												
3-Nitroaniline	ND	1370	980	71		880	65		26-129	11		50
4-Nitroaniline	ND	1370	1400	100		1200	88		41-125	15		50
Dibenzofuran	ND	1370	1300	95		1200	88		40-140	8		50
2-Methylnaphthalene	ND	1370	1200	87		1200	88		40-140	0		50
1,2,4,5-Tetrachlorobenzene	ND	1370	1400	100		1400	100		40-117	0		50
Acetophenone	ND	1370	1100	80		1100	81		14-144	0		50
2,4,6-Trichlorophenol	ND	1370	1400	100		1400	100		30-130	0		50
p-Chloro-m-cresol	ND	1370	1200	87		1100	81		26-103	9		50
2-Chlorophenol	ND	1370	1200	87		1200	88		25-102	0		50
2,4-Dichlorophenol	ND	1370	1300	95		1200	88		30-130	8		50
2,4-Dimethylphenol	ND	1370	1200	87		1200	88		30-130	0		50
2-Nitrophenol	ND	1370	1400	100		1400	100		30-130	0		50
4-Nitrophenol	ND	1370	1300	95		1200	88		11-114	8		50
2,4-Dinitrophenol	ND	1370	1400	100		1500	110		4-130	7		50
4,6-Dinitro-o-cresol	ND	1370	1800	130		1700	130		10-130	6		50
Pentachlorophenol	ND	1370	1600	**120**	Q	1400	100		17-109	13		50
Phenol	ND	1370	990	72		950	70		26-90	4		50
2-Methylphenol	ND	1370	1100	80		1000	74		30-130.	10		50
3-Methylphenol/4-Methylphenol	ND	1370	1100	80		1000	74		30-130	10		50
2,4,5-Trichlorophenol	ND	1370	1500	110		1400	100		30-130	7		50
Benzoic Acid	ND	1370	580	42		970	71		10-110	50		50
Benzyl Alcohol	ND	1370	1100	80		1000	74		40-140	10		50
Carbazole	ND	1370	1400	100		1200	88		54-128	15		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12-13,19-20,26-27,34,36,38,44-45 QC Batch ID: WG2028296-4 WG2028296-5 QC Sample: L2506464-26 Client ID: TEI-SB-03-7-9												
1,4-Dioxane	ND	1370	810	59		730	54		40-140	10		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	135		121		10-136
2-Fluorobiphenyl	98		98		30-120
2-Fluorophenol	88		81		25-120
4-Terphenyl-d14	115		108		18-120
Nitrobenzene-d5	78		75		23-120
Phenol-d6	81		78		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12-13,19-20,26-27,34,36,38,44-45 QC Batch ID: WG2028296-6 WG2028296-7 QC Sample: L2506464-27 Client ID: TS-13R-0-1												
Acenaphthene	22J	1450	1400	97		1300	90		31-137	7		50
1,2,4-Trichlorobenzene	ND	1450	1500	100		1400	96		38-107	7		50
Hexachlorobenzene	ND	1450	1700	120		1600	110		40-140	6		50
Bis(2-chloroethyl)ether	ND	1450	1000	69		980	68		40-140	2		50
2-Chloronaphthalene	ND	1450	1600	110		1400	96		40-140	13		50
1,2-Dichlorobenzene	ND	1450	1300	90		1200	83		40-140	8		50
1,3-Dichlorobenzene	ND	1450	1300	90		1200	83		40-140	8		50
1,4-Dichlorobenzene	ND	1450	1300	90		1200	83		28-104	8		50
3,3'-Dichlorobenzidine	ND	1450	1200	83		1200	83		40-140	0		50
2,4-Dinitrotoluene	ND	1450	1500	100		1300	90		40-132	14		50
2,6-Dinitrotoluene	ND	1450	1600	110		1400	96		40-140	13		50
Fluoranthene	270	1450	1600	92		1500	85		40-140	6		50
4-Chlorophenyl phenyl ether	ND	1450	1500	100		1400	96		40-140	7		50
4-Bromophenyl phenyl ether	ND	1450	1600	110		1400	96		40-140	13		50
Bis(2-chloroisopropyl)ether	ND	1450	760	52		710	49		40-140	7		50
Bis(2-chloroethoxy)methane	ND	1450	1000	69		980	68		40-117	2		50
Hexachlorobutadiene	ND	1450	1500	100		1400	96		40-140	7		50
Hexachlorocyclopentadiene	ND	1450	820	57		520	**36**	Q	40-140	45		50
Hexachloroethane	ND	1450	1100	76		960	66		40-140	14		50
Isophorone	ND	1450	1000	69		1000	69		40-140	0		50
Naphthalene	ND	1450	1400	97		1300	90		40-140	7		50
Nitrobenzene	ND	1450	1100	76		1100	76		40-140	0		50
NDPA/DPA	ND	1450	1500	100		1400	96		36-157	7		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12-13,19-20,26-27,34,36,38,44-45 QC Batch ID: WG2028296-6 WG2028296-7 QC Sample: L2506464-27 Client ID: TS-13R-0-1												
n-Nitrosodi-n-propylamine	ND	1450	1000	69		980	68		32-121	2		50
Bis(2-ethylhexyl)phthalate	450	1450	1600	79		1500	72		40-140	6		50
Butyl benzyl phthalate	ND	1450	1700	120		1500	100		40-140	13		50
Di-n-butylphthalate	54J	1450	1400	97		1300	90		40-140	7		50
Di-n-octylphthalate	ND	1450	1600	110		1400	96		40-140	13		50
Diethyl phthalate	ND	1450	1400	97		1300	90		40-140	7		50
Dimethyl phthalate	ND	1450	1500	100		1400	96		40-140	7		50
Benzo(a)anthracene	130	1450	1500	94		1400	88		40-140	7		50
Benzo(a)pyrene	110J	1450	1600	110		1500	100		40-140	6		50
Benzo(b)fluoranthene	130	1450	1500	94		1400	88		40-140	7		50
Benzo(k)fluoranthene	50J	1450	1400	97		1400	96		40-140	0		50
Chrysene	120	1450	1400	88		1300	81		40-140	7		50
Acenaphthylene	ND	1450	1700	120		1500	100		40-140	13		50
Anthracene	56J	1450	1500	100		1400	96		40-140	7		50
Benzo(ghi)perylene	73J	1450	1500	100		1400	96		40-140	7		50
Fluorene	26J	1450	1500	100		1400	96		40-140	7		50
Phenanthrene	210	1450	1500	89		1400	82		40-140	7		50
Dibenzo(a,h)anthracene	ND	1450	1400	97		1300	90		40-140	7		50
Indeno(1,2,3-cd)pyrene	69J	1450	1400	97		1300	90		40-140	7		50
Pyrene	230	1450	1600	94		1500	88		35-142	6		50
Biphenyl	ND	1450	1500	100		1400	96		37-127	7		50
4-Chloroaniline	ND	1450	1000	69		830	57		40-140	19		50
2-Nitroaniline	ND	1450	1800	120		1700	120		47-134	6		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12-13,19-20,26-27,34,36,38,44-45 QC Batch ID: WG2028296-6 WG2028296-7 QC Sample: L2506464-27 Client ID: TS-13R-0-1												
3-Nitroaniline	ND	1450	1200	83		1200	83		26-129	0		50
4-Nitroaniline	ND	1450	1500	100		1400	96		41-125	7		50
Dibenzofuran	ND	1450	1400	97		1400	96		40-140	0		50
2-Methylnaphthalene	ND	1450	1400	97		1300	90		40-140	7		50
1,2,4,5-Tetrachlorobenzene	ND	1450	1700	**120**	Q	1600	110		40-117	6		50
Acetophenone	ND	1450	1200	83		1200	83		14-144	0		50
2,4,6-Trichlorophenol	ND	1450	1700	120		1600	110		30-130	6		50
p-Chloro-m-cresol	ND	1450	1400	97		1200	83		26-103	15		50
2-Chlorophenol	ND	1450	1400	97		1300	90		25-102	7		50
2,4-Dichlorophenol	ND	1450	1600	110		1500	100		30-130	6		50
2,4-Dimethylphenol	ND	1450	1400	97		1200	83		30-130	15		50
2-Nitrophenol	ND	1450	1500	100		1300	90		30-130	14		50
4-Nitrophenol	ND	1450	1400	97		1300	90		11-114	7		50
2,4-Dinitrophenol	ND	1450	170J	12		ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1450	460J	32		200J	14		10-130	**79**	Q	50
Pentachlorophenol	ND	1450	1800	**120**	Q	1700	**120**	Q	17-109	6		50
Phenol	ND	1450	1100	76		1000	69		26-90	10		50
2-Methylphenol	ND	1450	1300	90		1200	83		30-130.	8		50
3-Methylphenol/4-Methylphenol	ND	1450	1200	83		1200	83		30-130	0		50
2,4,5-Trichlorophenol	ND	1450	1900	130		1700	120		30-130	11		50
Benzoic Acid	ND	1450	ND	**0**	Q	ND	**0**	Q	10-110	NC		50
Benzyl Alcohol	ND	1450	1000	69		1000	69		40-140	0		50
Carbazole	20J	1450	1500	100		1300	90		54-128	14		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08,12-13,19-20,26-27,34,36,38,44-45 QC Batch ID: WG2028296-6 WG2028296-7 QC Sample: L2506464-27 Client ID: TS-13R-0-1												
1,4-Dioxane	ND	1450	750	52		720	50		40-140	4		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	130		127		10-136
2-Fluorobiphenyl	101		97		30-120
2-Fluorophenol	88		85		25-120
4-Terphenyl-d14	104		97		18-120
Nitrobenzene-d5	81		79		23-120
Phenol-d6	82		81		10-120

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-01
Client ID: TS-11R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 08:55
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/10/25 10:11
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 01:47
Cleanup Method: EPA 3665A
Cleanup Date: 02/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.8	4.78	1	A
Aroclor 1221	ND		ug/kg	53.8	5.39	1	A
Aroclor 1232	ND		ug/kg	53.8	11.4	1	A
Aroclor 1242	ND		ug/kg	53.8	7.26	1	A
Aroclor 1248	ND		ug/kg	53.8	8.08	1	A
Aroclor 1254	ND		ug/kg	53.8	5.89	1	A
Aroclor 1260	ND		ug/kg	53.8	9.95	1	A
Aroclor 1262	ND		ug/kg	53.8	6.84	1	A
Aroclor 1268	ND		ug/kg	53.8	5.58	1	A
PCBs, Total	ND		ug/kg	53.8	4.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-02
Client ID: TS-11R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 09:25
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/10/25 10:34
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 01:47
Cleanup Method: EPA 3665A
Cleanup Date: 02/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.9	4.61	1	A
Aroclor 1221	ND		ug/kg	51.9	5.20	1	A
Aroclor 1232	ND		ug/kg	51.9	11.0	1	A
Aroclor 1242	ND		ug/kg	51.9	7.00	1	A
Aroclor 1248	ND		ug/kg	51.9	7.79	1	A
Aroclor 1254	ND		ug/kg	51.9	5.68	1	A
Aroclor 1260	ND		ug/kg	51.9	9.60	1	A
Aroclor 1262	ND		ug/kg	51.9	6.59	1	A
Aroclor 1268	ND		ug/kg	51.9	5.38	1	A
PCBs, Total	ND		ug/kg	51.9	4.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-08
Client ID: F02R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 10:10
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/10/25 10:41
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 01:47
Cleanup Method: EPA 3665A
Cleanup Date: 02/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.8	5.05	1	A
Aroclor 1221	ND		ug/kg	56.8	5.70	1	A
Aroclor 1232	ND		ug/kg	56.8	12.0	1	A
Aroclor 1242	ND		ug/kg	56.8	7.66	1	A
Aroclor 1248	ND		ug/kg	56.8	8.53	1	A
Aroclor 1254	ND		ug/kg	56.8	6.22	1	A
Aroclor 1260	ND		ug/kg	56.8	10.5	1	A
Aroclor 1262	ND		ug/kg	56.8	7.22	1	A
Aroclor 1268	ND		ug/kg	56.8	5.89	1	A
PCBs, Total	ND		ug/kg	56.8	5.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-36
Client ID: TS-04R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 15:05
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/10/25 10:49
Analyst: MEO
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 01:47
Cleanup Method: EPA 3665A
Cleanup Date: 02/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	63.7	5.66	1	A
Aroclor 1221	ND		ug/kg	63.7	6.38	1	A
Aroclor 1232	ND		ug/kg	63.7	13.5	1	A
Aroclor 1242	ND		ug/kg	63.7	8.58	1	A
Aroclor 1248	ND		ug/kg	63.7	9.55	1	A
Aroclor 1254	ND		ug/kg	63.7	6.97	1	A
Aroclor 1260	ND		ug/kg	63.7	11.8	1	A
Aroclor 1262	ND		ug/kg	63.7	8.09	1	A
Aroclor 1268	ND		ug/kg	63.7	6.60	1	A
PCBs, Total	ND		ug/kg	63.7	5.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-49
Client ID: FB-250205
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 09:30
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 02/09/25 14:40
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 02/07/25 12:27
Cleanup Method: EPA 3665A
Cleanup Date: 02/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/07/25 10:10
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 16:45
Cleanup Method: EPA 3665A
Cleanup Date: 02/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 49 Batch: WG2027612-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
Aroclor 1260	0.026	J	ug/l	0.071	0.015	B
PCBs, Total	0.026	J	ug/l	0.071	0.013	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/10/25 08:10
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 02/09/25 01:46
Cleanup Method: EPA 3665A
Cleanup Date: 02/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02,08,36 Batch: WG2028215-1						
Aroclor 1016	ND		ug/kg	49.5	4.40	A
Aroclor 1221	ND		ug/kg	49.5	4.96	A
Aroclor 1232	ND		ug/kg	49.5	10.5	A
Aroclor 1242	ND		ug/kg	49.5	6.67	A
Aroclor 1248	ND		ug/kg	49.5	7.42	A
Aroclor 1254	ND		ug/kg	49.5	5.42	A
Aroclor 1260	ND		ug/kg	49.5	9.15	A
Aroclor 1262	ND		ug/kg	49.5	6.29	A
Aroclor 1268	ND		ug/kg	49.5	5.13	A
PCBs, Total	ND		ug/kg	49.5	4.40	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	76		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 49 Batch: WG2027612-2 WG2027612-3									
Aroclor 1016	68		67		40-140	1		50	A
Aroclor 1260	72		68		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		72		30-150	A
Decachlorobiphenyl	69		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		69		30-150	B
Decachlorobiphenyl	66		63		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,08,36 Batch: WG2028215-2 WG2028215-3									
Aroclor 1016	91		86		40-140	6		50	A
Aroclor 1260	86		81		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		76		30-150	A
Decachlorobiphenyl	80		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		72		30-150	B
Decachlorobiphenyl	82		74		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,08,36 QC Batch ID: WG2028215-6 WG2028215-7 QC Sample: L2506464-01 Client ID: TS-11R-0-1.5													
Aroclor 1016	ND	331	265	80		389	121		40-140	38		50	A
Aroclor 1260	ND	331	258	78		394	122		40-140	42		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		78		30-150	A
Decachlorobiphenyl	70		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		70		30-150	B
Decachlorobiphenyl	72		72		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-01
Client ID: TS-11R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 08:55
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 15:41
Analyst: EMR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 04:31
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.740	0.331	1	A
Alpha-BHC	ND		ug/kg	0.740	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.673	1	A
Heptachlor	ND		ug/kg	0.888	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.625	1	A
Heptachlor epoxide	ND		ug/kg	3.33	0.999	1	A
Endrin	ND		ug/kg	0.740	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.777	1	A
Endrin ketone	ND		ug/kg	1.78	0.457	1	A
Dieldrin	ND		ug/kg	1.11	0.555	1	A
4,4'-DDE	ND		ug/kg	1.78	0.411	1	A
4,4'-DDD	ND		ug/kg	1.78	0.634	1	A
4,4'-DDT	ND		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.740	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.32	1	A
cis-Chlordane	ND		ug/kg	2.22	0.619	1	A
trans-Chlordane	ND		ug/kg	2.22	0.586	1	A
Chlordane	ND		ug/kg	14.8	5.88	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-01 Date Collected: 02/05/25 08:55

Client ID: TS-11R-0-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-02
Client ID: TS-11R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 09:25
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 17:08
Analyst: EMR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 04:31
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.738	0.330	1	A
Alpha-BHC	ND		ug/kg	0.738	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	ND		ug/kg	0.886	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.996	1	A
Endrin	ND		ug/kg	0.738	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.775	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	ND		ug/kg	1.11	0.554	1	A
4,4'-DDE	ND		ug/kg	1.77	0.410	1	A
4,4'-DDD	ND		ug/kg	1.77	0.632	1	A
4,4'-DDT	ND		ug/kg	1.77	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.592	1	A
Endosulfan sulfate	ND		ug/kg	0.738	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.30	1	A
cis-Chlordane	ND		ug/kg	2.21	0.617	1	A
trans-Chlordane	ND		ug/kg	2.21	0.584	1	A
Chlordane	ND		ug/kg	14.8	5.87	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-02 Date Collected: 02/05/25 09:25

Client ID: TS-11R-1.5-2 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-12
Client ID: TS-09R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 10:50
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 17:19
Analyst: EMR
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 04:31
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.97	0.386	1	A
Lindane	ND		ug/kg	0.821	0.367	1	A
Alpha-BHC	ND		ug/kg	0.821	0.233	1	A
Beta-BHC	ND		ug/kg	1.97	0.747	1	A
Heptachlor	ND		ug/kg	0.985	0.442	1	A
Aldrin	ND		ug/kg	1.97	0.694	1	A
Heptachlor epoxide	ND		ug/kg	3.69	1.11	1	B
Endrin	ND		ug/kg	0.821	0.336	1	A
Endrin aldehyde	ND		ug/kg	2.46	0.862	1	A
Endrin ketone	ND		ug/kg	1.97	0.507	1	A
Dieldrin	ND		ug/kg	1.23	0.616	1	A
4,4'-DDE	14.9		ug/kg	1.97	0.456	1	B
4,4'-DDD	1.55	JIP	ug/kg	1.97	0.702	1	B
4,4'-DDT	8.27		ug/kg	1.97	1.58	1	B
Endosulfan I	ND		ug/kg	1.97	0.465	1	A
Endosulfan II	ND		ug/kg	1.97	0.658	1	A
Endosulfan sulfate	ND		ug/kg	0.821	0.391	1	A
Methoxychlor	ND		ug/kg	3.69	1.15	1	A
Toxaphene	ND		ug/kg	36.9	10.3	1	A
cis-Chlordane	2.16	JIP	ug/kg	2.46	0.686	1	B
trans-Chlordane	5.18		ug/kg	2.46	0.650	1	B
Chlordane	26.4		ug/kg	16.4	6.52	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-12 Date Collected: 02/05/25 10:50

Client ID: TS-09R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	38		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-13
Client ID: TS-09R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 10:45
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 17:30
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 04:31
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.750	0.336	1	A
Alpha-BHC	ND		ug/kg	0.750	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.683	1	A
Heptachlor	0.986		ug/kg	0.901	0.404	1	B
Aldrin	ND		ug/kg	1.80	0.634	1	A
Heptachlor epoxide	2.20	J	ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.750	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.788	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	1.42	IP	ug/kg	1.12	0.563	1	A
4,4'-DDE	2.43		ug/kg	1.80	0.416	1	A
4,4'-DDD	ND		ug/kg	1.80	0.642	1	A
4,4'-DDT	5.28		ug/kg	1.80	1.45	1	B
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.750	0.357	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.46	1	A
cis-Chlordane	15.2	IP	ug/kg	2.25	0.627	1	B
trans-Chlordane	18.2		ug/kg	2.25	0.594	1	A
Chlordane	126		ug/kg	15.0	5.97	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-13 Date Collected: 02/05/25 10:45

Client ID: TS-09R-1-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-14
Client ID: TS-09R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 10:40
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 13:58
Analyst: JAG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 19:54
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	3.57		ug/kg	2.03	1.63	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-15
Client ID: TS-09R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 10:35
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/18/25 14:22
Analyst: PEG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 19:11
Cleanup Method: EPA 3620B
Cleanup Date: 02/18/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/18/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	23.7		ug/kg	1.67	1.35	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	106		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-19
Client ID: TS-12R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 12:05
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 17:42
Analyst: EMR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 04:31
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.732	0.327	1	A
Alpha-BHC	ND		ug/kg	0.732	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.667	1	A
Heptachlor	ND		ug/kg	0.879	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.619	1	A
Heptachlor epoxide	1.16	JIP	ug/kg	3.30	0.989	1	A
Endrin	ND		ug/kg	0.732	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.769	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	2.30		ug/kg	1.10	0.549	1	B
4,4'-DDE	9.47		ug/kg	1.76	0.406	1	B
4,4'-DDD	ND	IP	ug/kg	1.76	0.627	1	B
4,4'-DDT	9.42		ug/kg	1.76	1.41	1	B
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.732	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.02	1	A
Toxaphene	ND		ug/kg	33.0	9.23	1	A
cis-Chlordane	2.62	IP	ug/kg	2.20	0.612	1	B
trans-Chlordane	4.53		ug/kg	2.20	0.580	1	A
Chlordane	ND		ug/kg	14.6	5.82	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-19 Date Collected: 02/05/25 12:05

Client ID: TS-12R-0-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-20
Client ID: TS-12R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 12:15
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 17:52
Analyst: EMR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 04:31
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.334	1	A
Lindane	ND		ug/kg	0.711	0.318	1	A
Alpha-BHC	ND		ug/kg	0.711	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.647	1	A
Heptachlor	ND		ug/kg	0.853	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND	IP	ug/kg	3.20	0.960	1	A
Endrin	ND		ug/kg	0.711	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.746	1	A
Endrin ketone	ND		ug/kg	1.70	0.439	1	A
Dieldrin	0.920	J	ug/kg	1.07	0.533	1	B
4,4'-DDE	6.41		ug/kg	1.70	0.394	1	B
4,4'-DDD	ND		ug/kg	1.70	0.608	1	A
4,4'-DDT	8.68		ug/kg	1.70	1.37	1	B
Endosulfan I	ND		ug/kg	1.70	0.403	1	A
Endosulfan II	ND		ug/kg	1.70	0.570	1	A
Endosulfan sulfate	ND		ug/kg	0.711	0.338	1	A
Methoxychlor	ND	IP	ug/kg	3.20	0.995	1	A
Toxaphene	ND		ug/kg	32.0	8.96	1	A
cis-Chlordane	1.21	JIP	ug/kg	2.13	0.594	1	B
trans-Chlordane	1.93	JIP	ug/kg	2.13	0.563	1	B
Chlordane	ND		ug/kg	14.2	5.65	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-20 Date Collected: 02/05/25 12:15

Client ID: TS-12R-1.5-2 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-21
Client ID: DUP-10
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 12:10
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/18/25 16:21
Analyst: EJL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/16/25 14:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.693	0.310	1	A
Alpha-BHC	ND		ug/kg	0.693	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.832	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1	A
Endrin	ND		ug/kg	0.693	0.284	1	A
Endrin aldehyde	0.840	J	ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	1.51	IP	ug/kg	1.04	0.520	1	B
4,4'-DDE	9.61	IP	ug/kg	1.66	0.385	1	B
4,4'-DDD	ND		ug/kg	1.66	0.594	1	A
4,4'-DDT	10.5	IP	ug/kg	1.66	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.693	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.971	1	A
Toxaphene	ND		ug/kg	31.2	8.74	1	A
cis-Chlordane	1.18	JIP	ug/kg	2.08	0.580	1	B
trans-Chlordane	1.51	JIP	ug/kg	2.08	0.549	1	A
Chlordane	ND		ug/kg	13.9	5.51	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-21 Date Collected: 02/05/25 12:10

Client ID: DUP-10 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-22
Client ID: TS-12R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 12:40
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 14:09
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 19:54
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	0.821	J	ug/kg	1.69	0.391	1	A
4,4'-DDT	1.98		ug/kg	1.69	1.36	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-27
Client ID: TS-13R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 13:15
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 18:03
Analyst: EMR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 04:33
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.700	0.313	1	A
Alpha-BHC	ND		ug/kg	0.700	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.637	1	A
Heptachlor	ND		ug/kg	0.840	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.945	1	A
Endrin	ND		ug/kg	0.700	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.735	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND	IP	ug/kg	1.05	0.525	1	B
4,4'-DDE	4.44		ug/kg	1.68	0.389	1	B
4,4'-DDD	ND		ug/kg	1.68	0.599	1	A
4,4'-DDT	4.47		ug/kg	1.68	1.35	1	B
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.700	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.980	1	A
Toxaphene	ND		ug/kg	31.5	8.82	1	A
cis-Chlordane	ND	IP	ug/kg	2.10	0.585	1	B
trans-Chlordane	0.667	JIP	ug/kg	2.10	0.554	1	B
Chlordane	ND		ug/kg	14.0	5.57	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-27 Date Collected: 02/05/25 13:15

Client ID: TS-13R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-28
Client ID: TS-13R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 13:20
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 16:14
Analyst: EMR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 04:33
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.979	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.761	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	0.943	J	ug/kg	1.74	0.402	1	B
4,4'-DDD	ND		ug/kg	1.74	0.621	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	B
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.02	1	A
Toxaphene	ND		ug/kg	32.6	9.14	1	A
cis-Chlordane	ND		ug/kg	2.18	0.606	1	A
trans-Chlordane	ND		ug/kg	2.18	0.574	1	A
Chlordane	ND		ug/kg	14.5	5.76	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-28 Date Collected: 02/05/25 13:20

Client ID: TS-13R-1-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-36
Client ID: TS-04R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 15:05
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 18:14
Analyst: EMR
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 04:33
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.06	0.404	1	A
Lindane	ND		ug/kg	0.860	0.385	1	A
Alpha-BHC	ND		ug/kg	0.860	0.244	1	A
Beta-BHC	ND		ug/kg	2.06	0.783	1	A
Heptachlor	ND		ug/kg	1.03	0.463	1	A
Aldrin	ND		ug/kg	2.06	0.727	1	A
Heptachlor epoxide	ND		ug/kg	3.87	1.16	1	A
Endrin	ND		ug/kg	0.860	0.353	1	A
Endrin aldehyde	ND		ug/kg	2.58	0.904	1	A
Endrin ketone	ND		ug/kg	2.06	0.532	1	A
Dieldrin	0.720	J	ug/kg	1.29	0.645	1	A
4,4'-DDE	3.09		ug/kg	2.06	0.478	1	A
4,4'-DDD	ND		ug/kg	2.06	0.737	1	A
4,4'-DDT	5.38		ug/kg	2.06	1.66	1	A
Endosulfan I	ND		ug/kg	2.06	0.488	1	A
Endosulfan II	ND		ug/kg	2.06	0.690	1	A
Endosulfan sulfate	ND		ug/kg	0.860	0.410	1	A
Methoxychlor	ND		ug/kg	3.87	1.20	1	A
Toxaphene	ND		ug/kg	38.7	10.8	1	A
cis-Chlordane	0.980	JIP	ug/kg	2.58	0.719	1	B
trans-Chlordane	1.13	JIP	ug/kg	2.58	0.682	1	B
Chlordane	ND		ug/kg	17.2	6.84	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-36 Date Collected: 02/05/25 15:05

Client ID: TS-04R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-38
Client ID: TS-04R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 15:25
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 18:25
Analyst: EMR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 04:33
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.344	1	A
Lindane	ND		ug/kg	0.731	0.327	1	A
Alpha-BHC	ND		ug/kg	0.731	0.208	1	A
Beta-BHC	ND		ug/kg	1.75	0.665	1	A
Heptachlor	ND		ug/kg	0.877	0.393	1	A
Aldrin	ND		ug/kg	1.75	0.618	1	A
Heptachlor epoxide	3.35		ug/kg	3.29	0.987	1	B
Endrin	ND		ug/kg	0.731	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.768	1	A
Endrin ketone	ND		ug/kg	1.75	0.452	1	A
Dieldrin	0.674	J	ug/kg	1.10	0.548	1	B
4,4'-DDE	9.86		ug/kg	1.75	0.406	1	B
4,4'-DDD	ND		ug/kg	1.75	0.626	1	A
4,4'-DDT	17.0		ug/kg	1.75	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.586	1	A
Endosulfan sulfate	ND		ug/kg	0.731	0.348	1	A
Methoxychlor	ND		ug/kg	3.29	1.02	1	A
Toxaphene	ND		ug/kg	32.9	9.21	1	A
cis-Chlordane	11.4	IP	ug/kg	2.19	0.611	1	B
trans-Chlordane	12.4		ug/kg	2.19	0.579	1	A
Chlordane	69.1		ug/kg	14.6	5.81	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-38 Date Collected: 02/05/25 15:25

Client ID: TS-04R-1-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-39
Client ID: TS-04R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 15:20
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 14:20
Analyst: JAG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 19:54
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	11.8		ug/kg	1.82	0.420	1	B
4,4'-DDT	17.8		ug/kg	1.82	1.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-40
Client ID: TS-04R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 15:18
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/18/25 14:34
Analyst: PEG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 19:11
Cleanup Method: EPA 3620B
Cleanup Date: 02/18/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/18/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	21.3		ug/kg	1.72	0.399	1	B
4,4'-DDT	30.5		ug/kg	1.72	1.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-44
Client ID: TS-14R-0-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 15:30
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 18:36
Analyst: EMR
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 04:33
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.90	0.372	1	A
Lindane	ND		ug/kg	0.792	0.354	1	A
Alpha-BHC	ND		ug/kg	0.792	0.225	1	A
Beta-BHC	ND		ug/kg	1.90	0.720	1	A
Heptachlor	1.53		ug/kg	0.950	0.426	1	B
Aldrin	ND		ug/kg	1.90	0.669	1	A
Heptachlor epoxide	6.95	IP	ug/kg	3.56	1.07	1	A
Endrin	ND		ug/kg	0.792	0.324	1	A
Endrin aldehyde	ND		ug/kg	2.37	0.831	1	A
Endrin ketone	ND		ug/kg	1.90	0.489	1	A
Dieldrin	ND		ug/kg	1.19	0.594	1	A
4,4'-DDE	13.4		ug/kg	1.90	0.439	1	B
4,4'-DDD	4.90		ug/kg	1.90	0.678	1	A
4,4'-DDT	29.5	IP	ug/kg	1.90	1.53	1	A
Endosulfan I	ND		ug/kg	1.90	0.449	1	A
Endosulfan II	ND		ug/kg	1.90	0.635	1	A
Endosulfan sulfate	6.09		ug/kg	0.792	0.377	1	B
Methoxychlor	ND		ug/kg	3.56	1.11	1	A
Toxaphene	ND		ug/kg	35.6	9.97	1	A
cis-Chlordane	20.4	IP	ug/kg	2.37	0.662	1	B
trans-Chlordane	16.2	IP	ug/kg	2.37	0.627	1	A
Chlordane	163	IP	ug/kg	15.8	6.29	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-44 Date Collected: 02/05/25 15:30

Client ID: TS-14R-0-2.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-45
Client ID: TS-14R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 15:35
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 18:47
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/09/25 04:33
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.760	0.340	1	A
Alpha-BHC	ND		ug/kg	0.760	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.692	1	A
Heptachlor	ND		ug/kg	0.912	0.409	1	A
Aldrin	ND		ug/kg	1.82	0.643	1	A
Heptachlor epoxide	6.44	IP	ug/kg	3.42	1.03	1	A
Endrin	ND		ug/kg	0.760	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.798	1	A
Endrin ketone	ND		ug/kg	1.82	0.470	1	A
Dieldrin	20.0		ug/kg	1.14	0.570	1	B
4,4'-DDE	44.8		ug/kg	1.82	0.422	1	B
4,4'-DDD	2.52		ug/kg	1.82	0.651	1	A
4,4'-DDT	15.5		ug/kg	1.82	1.47	1	B
Endosulfan I	ND		ug/kg	1.82	0.431	1	A
Endosulfan II	ND		ug/kg	1.82	0.610	1	A
Endosulfan sulfate	ND		ug/kg	0.760	0.362	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.58	1	A
cis-Chlordane	22.2	IP	ug/kg	2.28	0.636	1	B
trans-Chlordane	16.8	IP	ug/kg	2.28	0.602	1	A
Chlordane	161		ug/kg	15.2	6.04	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-45 Date Collected: 02/05/25 15:35

Client ID: TS-14R-2.5-3 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-47
Client ID: TS-14R-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 15:45
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/18/25 14:48
Analyst: EMR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/16/25 14:17
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	28.0		ug/kg	1.09	0.546	1	A
4,4'-DDE	57.9		ug/kg	1.75	0.404	1	A
4,4'-DDT	22.2		ug/kg	1.75	1.41	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-49
Client ID: FB-250205
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/05/25 09:30
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 02/08/25 19:33
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 02/07/25 11:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-49 Date Collected: 02/05/25 09:30

Client ID: FB-250205 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	50		30-150	B
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	52		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/07/25 08:05
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 16:41

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 49 Batch: WG2027611-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/07/25 08:05
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 16:41

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 49 Batch: WG2027611-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	84		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/11/25 15:08
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 02/09/25 04:31
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 Batch: WG2028217-1						
Delta-BHC	ND		ug/kg	1.56	0.305	A
Lindane	ND		ug/kg	0.648	0.290	A
Alpha-BHC	ND		ug/kg	0.648	0.184	A
Beta-BHC	ND		ug/kg	1.56	0.590	A
Heptachlor	ND		ug/kg	0.778	0.349	A
Aldrin	ND		ug/kg	1.56	0.548	A
Heptachlor epoxide	ND		ug/kg	2.92	0.875	A
Endrin	ND		ug/kg	0.648	0.266	A
Endrin aldehyde	ND		ug/kg	1.94	0.680	A
Endrin ketone	ND		ug/kg	1.56	0.400	A
Dieldrin	ND		ug/kg	0.972	0.486	A
4,4'-DDE	ND		ug/kg	1.56	0.360	A
4,4'-DDD	ND		ug/kg	1.56	0.555	A
4,4'-DDT	ND		ug/kg	1.56	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.367	A
Endosulfan II	ND		ug/kg	1.56	0.520	A
Endosulfan sulfate	ND		ug/kg	0.648	0.308	A
Methoxychlor	ND		ug/kg	2.92	0.907	A
Toxaphene	ND		ug/kg	29.2	8.16	A
cis-Chlordane	ND		ug/kg	1.94	0.542	A
trans-Chlordane	ND		ug/kg	1.94	0.513	A
Chlordane	ND		ug/kg	13.0	5.15	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/11/25 15:08
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 02/09/25 04:31
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 Batch: WG2028217-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/14/25 04:39
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 02/12/25 23:07
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 14,22,39 Batch: WG2029649-1						
4,4'-DDE	ND		ug/kg	1.60	0.370	A
4,4'-DDT	ND		ug/kg	1.60	1.28	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/18/25 12:14
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 02/16/25 14:17
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 47 Batch: WG2030758-1						
Dieldrin	ND		ug/kg	0.987	0.494	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/18/25 15:40
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 02/16/25 14:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 21 Batch: WG2030974-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.658	0.294	A
Alpha-BHC	ND		ug/kg	0.658	0.187	A
Beta-BHC	ND		ug/kg	1.58	0.599	A
Heptachlor	ND		ug/kg	0.790	0.354	A
Aldrin	ND		ug/kg	1.58	0.556	A
Heptachlor epoxide	ND		ug/kg	2.96	0.889	A
Endrin	ND		ug/kg	0.658	0.270	A
Endrin aldehyde	ND		ug/kg	1.97	0.691	A
Endrin ketone	ND		ug/kg	1.58	0.407	A
Dieldrin	ND		ug/kg	0.987	0.494	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDD	ND		ug/kg	1.58	0.564	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.373	A
Endosulfan II	ND		ug/kg	1.58	0.528	A
Endosulfan sulfate	ND		ug/kg	0.658	0.313	A
Methoxychlor	ND		ug/kg	2.96	0.922	A
Toxaphene	ND		ug/kg	29.6	8.29	A
cis-Chlordane	ND		ug/kg	1.97	0.550	A
trans-Chlordane	ND		ug/kg	1.97	0.521	A
Chlordane	ND		ug/kg	13.2	5.23	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/18/25 15:40
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 02/16/25 14:22
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 21 Batch: WG2030974-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/18/25 13:35
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 02/17/25 19:06
Cleanup Method: EPA 3620B
Cleanup Date: 02/18/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/18/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 15,40 Batch: WG2031115-1						
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	99		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 49 Batch: WG2027611-2 WG2027611-3									
Delta-BHC	69		70		30-150	1		20	A
Lindane	91		91		30-150	1		20	A
Alpha-BHC	93		95		30-150	2		20	A
Beta-BHC	84		85		30-150	1		20	A
Heptachlor	74		76		30-150	3		20	A
Aldrin	66		69		30-150	4		20	A
Heptachlor epoxide	86		87		30-150	1		20	A
Endrin	93		94		30-150	1		20	A
Endrin aldehyde	77		77		30-150	0		20	A
Endrin ketone	95		97		30-150	3		20	A
Dieldrin	87		88		30-150	1		20	A
4,4'-DDE	81		81		30-150	0		20	A
4,4'-DDD	94		96		30-150	2		20	A
4,4'-DDT	105		107		30-150	2		20	A
Endosulfan I	85		84		30-150	2		20	A
Endosulfan II	87		87		30-150	0		20	A
Endosulfan sulfate	82		82		30-150	0		20	A
Methoxychlor	88		91		30-150	3		20	A
cis-Chlordane	75		75		30-150	0		20	A
trans-Chlordane	81		80		30-150	1		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 49 Batch: WG2027611-2 WG2027611-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		77		30-150	B
Decachlorobiphenyl	78		84		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		80		30-150	A
Decachlorobiphenyl	98		100		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 Batch: WG2028217-2 WG2028217-3									
Delta-BHC	78		84		30-150	7		30	A
Lindane	73		78		30-150	7		30	A
Alpha-BHC	76		80		30-150	5		30	A
Beta-BHC	94		99		30-150	5		30	A
Heptachlor	70		74		30-150	6		30	A
Aldrin	71		75		30-150	5		30	A
Heptachlor epoxide	55		59		30-150	7		30	A
Endrin	79		84		30-150	6		30	A
Endrin aldehyde	60		64		30-150	6		30	A
Endrin ketone	84		91		30-150	8		30	A
Dieldrin	80		85		30-150	6		30	A
4,4'-DDE	69		75		30-150	8		30	A
4,4'-DDD	88		94		30-150	7		30	A
4,4'-DDT	83		90		30-150	8		30	A
Endosulfan I	71		75		30-150	5		30	A
Endosulfan II	80		85		30-150	6		30	A
Endosulfan sulfate	72		78		30-150	8		30	A
Methoxychlor	91		96		30-150	5		30	A
cis-Chlordane	81		86		30-150	6		30	A
trans-Chlordane	82		88		30-150	7		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 Batch: WG2028217-2 WG2028217-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		57		30-150	A
Decachlorobiphenyl	74		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		80		30-150	B
Decachlorobiphenyl	85		87		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 14,22,39 Batch: WG2029649-2 WG2029649-3									
4,4'-DDE	87		96		30-150	10		30	A
4,4'-DDT	91		99		30-150	8		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		97		30-150	A
Decachlorobiphenyl	69		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		94		30-150	B
Decachlorobiphenyl	63		69		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 47 Batch: WG2030758-2 WG2030758-3									
Dieldrin	94		99		30-150	5		30	A
4,4'-DDE	83		89		30-150	7		30	A
4,4'-DDT	88		94		30-150	7		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		69		30-150	A
Decachlorobiphenyl	73		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		62		30-150	B
Decachlorobiphenyl	75		78		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 21 Batch: WG2030974-2 WG2030974-3									
Delta-BHC	74		86		30-150	15		30	A
Lindane	79		90		30-150	13		30	A
Alpha-BHC	75		88		30-150	16		30	A
Beta-BHC	80		90		30-150	12		30	A
Heptachlor	54		64		30-150	17		30	A
Aldrin	73		85		30-150	15		30	A
Heptachlor epoxide	73		83		30-150	13		30	A
Endrin	84		94		30-150	11		30	A
Endrin aldehyde	66		70		30-150	6		30	A
Endrin ketone	82		93		30-150	13		30	A
Dieldrin	89		100		30-150	12		30	A
4,4'-DDE	80		90		30-150	12		30	A
4,4'-DDD	91		102		30-150	11		30	A
4,4'-DDT	75		84		30-150	11		30	A
Endosulfan I	79		89		30-150	12		30	A
Endosulfan II	78		87		30-150	11		30	A
Endosulfan sulfate	78		88		30-150	12		30	A
Methoxychlor	67		75		30-150	11		30	A
cis-Chlordane	80		88		30-150	10		30	A
trans-Chlordane	78		88		30-150	12		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 21 Batch: WG2030974-2 WG2030974-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		73		30-150	A
Decachlorobiphenyl	68		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		61		30-150	B
Decachlorobiphenyl	66		69		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 15,40 Batch: WG2031115-2 WG2031115-3									
4,4'-DDE	87		102		30-150	16		30	A
4,4'-DDT	98		114		30-150	15		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		88		30-150	A
Decachlorobiphenyl	65		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		114		30-150	B
Decachlorobiphenyl	101		110		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 QC Batch ID: WG2028217-4 WG2028217-5 QC Sample: L2506464-01 Client ID: TS-11R-0-1.5													
Delta-BHC	ND	35.2	27.4	78		28.3	81		30-150	3		50	A
Lindane	ND	35.2	25.3	72		26.4	75		30-150	4		50	A
Alpha-BHC	ND	35.2	26.0	74		27.3	78		30-150	5		50	A
Beta-BHC	ND	35.2	28.3	80		28.5	81		30-150	1		50	A
Heptachlor	ND	35.2	24.0	68		25.2	72		30-150	5		50	A
Aldrin	ND	35.2	24.3	69		25.6	73		30-150	5		50	A
Heptachlor epoxide	ND	35.2	18.6	53		19.2	55		30-150	3		50	A
Endrin	ND	35.2	27.4	78		28.3	81		30-150	3		50	A
Endrin aldehyde	ND	35.2	21.5	61		21.1	60		30-150	2		50	A
Endrin ketone	ND	35.2	29.1	83		29.9	85		30-150	3		50	A
Dieldrin	ND	35.2	27.5	78		28.3	81		30-150	3		50	A
4,4'-DDE	ND	35.2	23.8	68		25.1	72		30-150	5		50	A
4,4'-DDD	ND	35.2	30.0	85		30.7	88		30-150	2		50	A
4,4'-DDT	ND	35.2	28.7	82		28.7	82		30-150	0		50	A
Endosulfan I	ND	35.2	24.4	69		25.2	72		30-150	3		50	A
Endosulfan II	ND	35.2	27.2	77		28.1	80		30-150	3		50	A
Endosulfan sulfate	ND	35.2	25.0	71		25.5	73		30-150	2		50	A
Methoxychlor	ND	35.2	32.2	92		32.4	93		30-150	1		50	A
cis-Chlordane	ND	35.2	27.4	78		28.6	82		30-150	4		50	A
trans-Chlordane	ND	35.2	29.1	83		29.9	85		30-150	3		50	A

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 QC Batch ID: WG2028217-4 WG2028217-5 QC Sample: L2506464-01 Client ID: TS-11R-0-1.5												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		54		30-150	A
Decachlorobiphenyl	74		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		72		30-150	B
Decachlorobiphenyl	74		78		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 QC Batch ID: WG2028217-6 WG2028217-7 QC Sample: L2506464-28 Client ID: TS-13R-1-1.5													
Delta-BHC	ND	36.8	29.8	81		30.7	85		30-150	3		50	A
Lindane	ND	36.8	27.8	75		28.1	78		30-150	1		50	A
Alpha-BHC	ND	36.8	28.6	78		28.8	79		30-150	1		50	A
Beta-BHC	ND	36.8	36.3	99		36.1	100		30-150	1		50	A
Heptachlor	ND	36.8	26.6	72		26.8	74		30-150	1		50	A
Aldrin	ND	36.8	27.1	74		27.5	76		30-150	1		50	A
Heptachlor epoxide	ND	36.8	21.2	58		21.4	59		30-150	1		50	A
Endrin	ND	36.8	30.1	82		30.7	85		30-150	2		50	A
Endrin aldehyde	ND	36.8	23.1	63		24.3	67		30-150	5		50	A
Endrin ketone	ND	36.8	32.2	87		33.6	93		30-150	4		50	A
Dieldrin	ND	36.8	30.8	84		31.4	87		30-150	2		50	A
4,4'-DDE	0.943J	36.8	32.5	88		32.7	90		30-150	1		50	B
4,4'-DDD	ND	36.8	33.6	91		34.2	94		30-150	2		50	A
4,4'-DDT	ND	36.8	32.3	88		31.9	88		30-150	1		50	B
Endosulfan I	ND	36.8	26.8	73		27.4	76		30-150	2		50	A
Endosulfan II	ND	36.8	30.3	82		31.0	85		30-150	2		50	A
Endosulfan sulfate	ND	36.8	27.9	76		28.6	79		30-150	2		50	A
Methoxychlor	ND	36.8	34.8	94		36.0	99		30-150	3		50	A
cis-Chlordane	ND	36.8	31.5	86		31.9	88		30-150	1		50	A
trans-Chlordane	ND	36.8	31.8	86		32.7	90		30-150	3		50	A

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 QC Batch ID: WG2028217-6 WG2028217-7 QC Sample: L2506464-28 Client ID: TS-13R-1-1.5												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		57		30-150	A
Decachlorobiphenyl	77		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		79		30-150	B
Decachlorobiphenyl	80		85		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-01 Date Collected: 02/05/25 08:55

Client ID: TS-11R-0-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9670		mg/kg	8.68	2.82	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.34	3.34	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Arsenic, Total	2.35		mg/kg	0.868	0.375	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Barium, Total	113		mg/kg	0.868	0.092	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.508		mg/kg	0.434	0.048	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.868	0.048	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Calcium, Total	22800		mg/kg	8.68	4.92	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Chromium, Total	15.1		mg/kg	0.868	0.736	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Cobalt, Total	17.7		mg/kg	1.74	0.215	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Copper, Total	33.7		mg/kg	0.868	0.197	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Iron, Total	14200		mg/kg	4.34	0.912	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Lead, Total	15.8		mg/kg	4.34	0.207	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Magnesium, Total	8150		mg/kg	8.68	1.42	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Manganese, Total	187		mg/kg	0.868	0.465	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Mercury, Total	0.071	J	mg/kg	0.072	0.047	1	02/12/25 03:38	02/12/25 11:09	EPA 7471B	1,7471B	SMV
Nickel, Total	35.5		mg/kg	2.17	0.702	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Potassium, Total	3350		mg/kg	217	44.0	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.74	0.286	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.434	0.259	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Sodium, Total	143	J	mg/kg	174	92.0	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Thallium, Total	1.14	J	mg/kg	1.74	0.783	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Vanadium, Total	24.5		mg/kg	0.868	0.131	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM
Zinc, Total	93.6		mg/kg	4.34	0.526	2	02/12/25 03:07	02/12/25 12:09	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-02 Date Collected: 02/05/25 09:25

Client ID: TS-11R-1.5-2 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18300		mg/kg	8.95	2.91	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.48	3.45	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Arsenic, Total	2.86		mg/kg	0.895	0.387	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Barium, Total	117		mg/kg	0.895	0.095	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.760		mg/kg	0.448	0.049	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.138	J	mg/kg	0.895	0.049	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Calcium, Total	2740		mg/kg	8.95	5.08	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Chromium, Total	23.7		mg/kg	0.895	0.759	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Cobalt, Total	10.1		mg/kg	1.79	0.222	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Copper, Total	17.5		mg/kg	0.895	0.203	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Iron, Total	20800		mg/kg	4.48	0.940	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Lead, Total	12.4		mg/kg	4.48	0.213	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Magnesium, Total	4880		mg/kg	8.95	1.46	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Manganese, Total	399		mg/kg	0.895	0.480	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.078	0.051	1	02/12/25 03:38	02/12/25 11:29	EPA 7471B	1,7471B	SMV
Nickel, Total	19.4		mg/kg	2.24	0.723	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Potassium, Total	1850		mg/kg	224	45.4	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.79	0.294	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.448	0.267	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Sodium, Total	124	J	mg/kg	179	94.9	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Thallium, Total	1.34	J	mg/kg	1.79	0.807	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Vanadium, Total	37.3		mg/kg	0.895	0.135	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM
Zinc, Total	56.0		mg/kg	4.48	0.542	2	02/12/25 03:07	02/12/25 12:49	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-12 Date Collected: 02/05/25 10:50

Client ID: TS-09R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10300		mg/kg	9.74	3.16	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.87	3.75	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Arsenic, Total	6.92		mg/kg	0.974	0.421	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Barium, Total	86.5		mg/kg	0.974	0.103	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.348	J	mg/kg	0.487	0.054	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.550	J	mg/kg	0.974	0.054	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Calcium, Total	5520		mg/kg	9.74	5.52	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Chromium, Total	19.6		mg/kg	0.974	0.826	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Cobalt, Total	6.19		mg/kg	1.95	0.242	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Copper, Total	20.6		mg/kg	0.974	0.221	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Iron, Total	14600		mg/kg	4.87	1.02	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Lead, Total	56.9		mg/kg	4.87	0.232	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Magnesium, Total	3920		mg/kg	9.74	1.59	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Manganese, Total	393		mg/kg	0.974	0.522	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Mercury, Total	0.208		mg/kg	0.089	0.058	1	02/12/25 03:38	02/12/25 11:32	EPA 7471B	1,7471B	SMV
Nickel, Total	12.9		mg/kg	2.43	0.787	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Potassium, Total	846		mg/kg	243	49.4	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.95	0.320	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.487	0.290	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	195	103.	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.95	0.878	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Vanadium, Total	25.7		mg/kg	0.974	0.147	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM
Zinc, Total	71.7		mg/kg	4.87	0.590	2	02/12/25 03:07	02/12/25 13:32	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-13 Date Collected: 02/05/25 10:45

Client ID: TS-09R-1-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7940		mg/kg	8.81	2.86	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.41	3.39	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Arsenic, Total	3.41		mg/kg	0.881	0.381	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Barium, Total	145		mg/kg	0.881	0.093	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.160	J	mg/kg	0.441	0.049	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.140	J	mg/kg	0.881	0.049	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Calcium, Total	26200		mg/kg	8.81	5.00	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Chromium, Total	16.0		mg/kg	0.881	0.748	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Cobalt, Total	4.81		mg/kg	1.76	0.219	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Copper, Total	20.5		mg/kg	0.881	0.200	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Iron, Total	12500		mg/kg	4.41	0.926	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Lead, Total	43.6		mg/kg	4.41	0.210	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Magnesium, Total	4770		mg/kg	8.81	1.44	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Manganese, Total	170		mg/kg	0.881	0.472	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Mercury, Total	0.110		mg/kg	0.082	0.053	1	02/12/25 03:38	02/12/25 11:35	EPA 7471B	1,7471B	SMV
Nickel, Total	10.8		mg/kg	2.20	0.712	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Potassium, Total	3520		mg/kg	220	44.7	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.76	0.290	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.441	0.263	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Sodium, Total	144	J	mg/kg	176	93.4	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Thallium, Total	1.13	J	mg/kg	1.76	0.795	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Vanadium, Total	22.0		mg/kg	0.881	0.133	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM
Zinc, Total	81.6		mg/kg	4.41	0.534	2	02/12/25 03:07	02/12/25 13:35	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-19
Client ID: TS-12R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 12:05
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8780		mg/kg	9.08	2.95	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.54	3.50	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Arsenic, Total	8.06		mg/kg	0.908	0.392	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Barium, Total	53.2		mg/kg	0.908	0.096	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.310	J	mg/kg	0.454	0.050	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.362	J	mg/kg	0.908	0.050	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Calcium, Total	2020		mg/kg	9.08	5.15	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Chromium, Total	22.0		mg/kg	0.908	0.770	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Cobalt, Total	5.98		mg/kg	1.82	0.225	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Copper, Total	25.9		mg/kg	0.908	0.206	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Iron, Total	14200		mg/kg	4.54	0.953	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Lead, Total	36.0		mg/kg	4.54	0.216	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Magnesium, Total	4620		mg/kg	9.08	1.48	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Manganese, Total	240		mg/kg	0.908	0.487	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Mercury, Total	0.743		mg/kg	0.074	0.048	1	02/12/25 03:38	02/12/25 11:38	EPA 7471B	1,7471B	SMV
Nickel, Total	14.7		mg/kg	2.27	0.734	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Potassium, Total	1700		mg/kg	227	46.0	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.82	0.299	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.454	0.270	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	182	96.2	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.82	0.819	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Vanadium, Total	22.4		mg/kg	0.908	0.137	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM
Zinc, Total	79.2		mg/kg	4.54	0.550	2	02/12/25 03:07	02/12/25 13:39	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-20 Date Collected: 02/05/25 12:15

Client ID: TS-12R-1.5-2 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9730		mg/kg	8.41	2.73	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.20	3.24	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Arsenic, Total	19.3		mg/kg	0.841	0.363	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Barium, Total	53.6		mg/kg	0.841	0.089	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.296	J	mg/kg	0.420	0.046	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.350	J	mg/kg	0.841	0.046	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Calcium, Total	1930		mg/kg	8.41	4.77	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Chromium, Total	24.6		mg/kg	0.841	0.713	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Cobalt, Total	7.28		mg/kg	1.68	0.208	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Copper, Total	266		mg/kg	0.841	0.191	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Iron, Total	14700		mg/kg	4.20	0.883	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Lead, Total	39.8		mg/kg	4.20	0.200	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Magnesium, Total	5840		mg/kg	8.41	1.37	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Manganese, Total	262		mg/kg	0.841	0.451	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Mercury, Total	0.336		mg/kg	0.072	0.047	1	02/12/25 03:38	02/12/25 11:48	EPA 7471B	1,7471B	SMV
Nickel, Total	14.4		mg/kg	2.10	0.679	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Potassium, Total	1860		mg/kg	210	42.6	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.68	0.277	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.420	0.250	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Sodium, Total	98.4	J	mg/kg	168	89.1	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.68	0.758	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Vanadium, Total	27.0		mg/kg	0.841	0.127	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM
Zinc, Total	82.2		mg/kg	4.20	0.510	2	02/12/25 03:07	02/12/25 13:42	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-21 Date Collected: 02/05/25 12:10

Client ID: DUP-10 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10000		mg/kg	8.68	2.82	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.34	3.34	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Arsenic, Total	16.3		mg/kg	0.868	0.375	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Barium, Total	53.3		mg/kg	0.868	0.092	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.331	J	mg/kg	0.434	0.048	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.282	J	mg/kg	0.868	0.048	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Calcium, Total	1920		mg/kg	8.68	4.92	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Chromium, Total	25.4		mg/kg	0.868	0.736	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Cobalt, Total	7.13		mg/kg	1.74	0.215	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Copper, Total	135		mg/kg	0.868	0.197	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Iron, Total	15000		mg/kg	4.34	0.911	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Lead, Total	44.0		mg/kg	4.34	0.206	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Magnesium, Total	5860		mg/kg	8.68	1.41	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Manganese, Total	252		mg/kg	0.868	0.465	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Mercury, Total	0.518		mg/kg	0.078	0.051	1	02/17/25 10:24	02/18/25 10:05	EPA 7471B	1,7471B	TAA
Nickel, Total	14.6		mg/kg	2.17	0.701	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Potassium, Total	1950		mg/kg	217	44.0	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.74	0.285	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.434	0.258	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	174	92.0	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.74	0.783	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Vanadium, Total	25.6		mg/kg	0.868	0.131	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM
Zinc, Total	84.3		mg/kg	4.34	0.526	2	02/17/25 09:55	02/18/25 14:42	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-22 Date Collected: 02/05/25 12:40

Client ID: TS-12R-2-2.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	23.4		mg/kg	0.828	0.357	2	02/17/25 09:55	02/18/25 14:46	EPA 3050B	1,6010D	EFM
Copper, Total	45.7		mg/kg	0.828	0.188	2	02/17/25 09:55	02/18/25 14:46	EPA 3050B	1,6010D	EFM
Mercury, Total	0.071	J	mg/kg	0.086	0.056	1	02/17/25 10:24	02/18/25 10:09	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-23
Client ID: TS-12R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 12:35
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.34		mg/kg	0.820	0.354	2	02/25/25 16:50	02/25/25 21:44	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-27 Date Collected: 02/05/25 13:15

Client ID: TS-13R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11900		mg/kg	8.38	2.72	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.19	3.22	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Arsenic, Total	25.0		mg/kg	0.838	0.362	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Barium, Total	56.6		mg/kg	0.838	0.089	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.379	J	mg/kg	0.419	0.046	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Cadmium, Total	1.53		mg/kg	0.838	0.046	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Calcium, Total	2150		mg/kg	8.38	4.75	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Chromium, Total	23.3		mg/kg	0.838	0.710	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Cobalt, Total	6.61		mg/kg	1.68	0.208	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Copper, Total	23.6		mg/kg	0.838	0.190	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Iron, Total	14700		mg/kg	4.19	0.880	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Lead, Total	19.0		mg/kg	4.19	0.199	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Magnesium, Total	5520		mg/kg	8.38	1.36	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Manganese, Total	286		mg/kg	0.838	0.449	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Mercury, Total	0.070	J	mg/kg	0.079	0.052	1	02/12/25 03:38	02/12/25 11:52	EPA 7471B	1,7471B	SMV
Nickel, Total	15.8		mg/kg	2.09	0.677	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Potassium, Total	1600		mg/kg	209	42.5	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.68	0.276	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.419	0.250	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	168	88.8	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Thallium, Total	0.776	J	mg/kg	1.68	0.756	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Vanadium, Total	26.2		mg/kg	0.838	0.126	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM
Zinc, Total	95.8		mg/kg	4.19	0.508	2	02/12/25 03:07	02/12/25 13:46	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-28
Client ID: TS-13R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 13:20
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12200		mg/kg	8.76	2.85	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.38	3.37	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Arsenic, Total	3.67		mg/kg	0.876	0.379	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Barium, Total	66.3		mg/kg	0.876	0.093	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.401	J	mg/kg	0.438	0.048	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Cadmium, Total	1.04		mg/kg	0.876	0.048	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Calcium, Total	1500		mg/kg	8.76	4.97	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Chromium, Total	21.8		mg/kg	0.876	0.743	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Cobalt, Total	7.23		mg/kg	1.75	0.217	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Copper, Total	18.4		mg/kg	0.876	0.199	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Iron, Total	15900		mg/kg	4.38	0.920	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Lead, Total	13.6		mg/kg	4.38	0.209	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Magnesium, Total	5150		mg/kg	8.76	1.43	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Manganese, Total	284		mg/kg	0.876	0.470	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.075	0.049	1	02/12/25 03:38	02/12/25 11:19	EPA 7471B	1,7471B	SMV
Nickel, Total	15.5		mg/kg	2.19	0.708	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Potassium, Total	2120		mg/kg	219	44.4	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.75	0.288	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.438	0.261	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	175	92.9	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Thallium, Total	0.948	J	mg/kg	1.75	0.791	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Vanadium, Total	27.5		mg/kg	0.876	0.132	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM
Zinc, Total	139		mg/kg	4.38	0.531	2	02/12/25 03:07	02/12/25 12:52	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-29
Client ID: TS-13R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 13:45
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Zinc, Total	40.4		mg/kg	4.35	0.527	2	02/17/25 09:55	02/18/25 14:50	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-36 Date Collected: 02/05/25 15:05

Client ID: TS-04R-0-1 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11000		mg/kg	10.0	3.27	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	5.03	3.87	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Arsenic, Total	4.37		mg/kg	1.00	0.434	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Barium, Total	81.0		mg/kg	1.00	0.107	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.458	J	mg/kg	0.503	0.055	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.220	J	mg/kg	1.00	0.055	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Calcium, Total	15200		mg/kg	10.0	5.70	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Chromium, Total	18.5		mg/kg	1.00	0.853	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Cobalt, Total	8.00		mg/kg	2.01	0.249	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Copper, Total	28.1		mg/kg	1.00	0.228	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Iron, Total	16400		mg/kg	5.03	1.06	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Lead, Total	35.4		mg/kg	5.03	0.239	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Magnesium, Total	13700		mg/kg	10.0	1.64	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Manganese, Total	348		mg/kg	1.00	0.539	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.095	0.062	1	02/12/25 03:38	02/12/25 11:55	EPA 7471B	1,7471B	SMV
Nickel, Total	16.2		mg/kg	2.51	0.813	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Potassium, Total	2500		mg/kg	251	51.0	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	2.01	0.331	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.503	0.300	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	201	107.	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Thallium, Total	1.06	J	mg/kg	2.01	0.907	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Vanadium, Total	26.0		mg/kg	1.00	0.152	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM
Zinc, Total	81.7		mg/kg	5.03	0.610	2	02/12/25 03:07	02/12/25 13:49	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-38 Date Collected: 02/05/25 15:25

Client ID: TS-04R-1-1.5 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14600		mg/kg	8.78	2.85	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.39	3.38	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Arsenic, Total	9.80		mg/kg	0.878	0.379	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Barium, Total	106		mg/kg	0.878	0.093	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.504		mg/kg	0.439	0.048	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.298	J	mg/kg	0.878	0.048	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Calcium, Total	5310		mg/kg	8.78	4.98	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Chromium, Total	22.4		mg/kg	0.878	0.745	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Cobalt, Total	9.71		mg/kg	1.76	0.218	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Copper, Total	42.3		mg/kg	0.878	0.199	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Iron, Total	19500		mg/kg	4.39	0.922	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Lead, Total	63.0		mg/kg	4.39	0.209	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Magnesium, Total	6880		mg/kg	8.78	1.43	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Manganese, Total	412		mg/kg	0.878	0.471	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Mercury, Total	0.275		mg/kg	0.082	0.053	1	02/12/25 03:38	02/12/25 11:58	EPA 7471B	1,7471B	SMV
Nickel, Total	20.2		mg/kg	2.20	0.710	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Potassium, Total	2200		mg/kg	220	44.5	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.76	0.289	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.439	0.262	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	176	93.1	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Thallium, Total	1.08	J	mg/kg	1.76	0.792	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Vanadium, Total	31.4		mg/kg	0.878	0.132	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM
Zinc, Total	81.1		mg/kg	4.39	0.532	2	02/12/25 03:07	02/12/25 13:53	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-39 Date Collected: 02/05/25 15:20

Client ID: TS-04R-1.5-2 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.052	J	mg/kg	0.073	0.047	1	02/17/25 10:24	02/18/25 10:19	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-44
Client ID: TS-14R-0-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 15:30
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7830		mg/kg	9.39	3.05	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.69	3.61	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Arsenic, Total	3.62		mg/kg	0.939	0.406	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Barium, Total	126		mg/kg	0.939	0.100	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.293	J	mg/kg	0.469	0.052	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.173	J	mg/kg	0.939	0.052	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Calcium, Total	44400		mg/kg	9.39	5.32	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Chromium, Total	19.9		mg/kg	0.939	0.796	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Cobalt, Total	4.47		mg/kg	1.88	0.233	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Copper, Total	28.9		mg/kg	0.939	0.213	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Iron, Total	11100		mg/kg	4.69	0.986	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Lead, Total	72.8		mg/kg	4.69	0.223	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Magnesium, Total	6210		mg/kg	9.39	1.53	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Manganese, Total	222		mg/kg	0.939	0.503	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Mercury, Total	0.305		mg/kg	0.088	0.057	1	02/12/25 03:38	02/12/25 12:01	EPA 7471B	1,7471B	SMV
Nickel, Total	9.92		mg/kg	2.35	0.758	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Potassium, Total	1040		mg/kg	235	47.6	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.88	0.309	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.469	0.280	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Sodium, Total	179	J	mg/kg	188	99.5	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.88	0.847	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Vanadium, Total	21.3		mg/kg	0.939	0.142	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM
Zinc, Total	139		mg/kg	4.69	0.569	2	02/12/25 03:07	02/12/25 13:56	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-45
Client ID: TS-14R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 15:35
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11100		mg/kg	9.09	2.95	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.54	3.50	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Arsenic, Total	13.0		mg/kg	0.909	0.392	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Barium, Total	74.0		mg/kg	0.909	0.096	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.392	J	mg/kg	0.454	0.050	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.337	J	mg/kg	0.909	0.050	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Calcium, Total	12500		mg/kg	9.09	5.15	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Chromium, Total	22.7		mg/kg	0.909	0.770	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Cobalt, Total	5.70		mg/kg	1.82	0.225	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Copper, Total	24.6		mg/kg	0.909	0.206	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Iron, Total	13900		mg/kg	4.54	0.954	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Lead, Total	52.0		mg/kg	4.54	0.216	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Magnesium, Total	3740		mg/kg	9.09	1.48	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Manganese, Total	261		mg/kg	0.909	0.487	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Mercury, Total	1.28		mg/kg	0.083	0.054	1	02/12/25 03:38	02/12/25 12:05	EPA 7471B	1,7471B	SMV
Nickel, Total	13.5		mg/kg	2.27	0.734	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Potassium, Total	1180		mg/kg	227	46.1	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.82	0.299	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.454	0.271	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	182	96.3	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.82	0.820	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Vanadium, Total	22.4		mg/kg	0.909	0.137	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM
Zinc, Total	63.4		mg/kg	4.54	0.551	2	02/12/25 03:07	02/12/25 14:00	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-46 Date Collected: 02/05/25 15:40

Client ID: DUP-11 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8530		mg/kg	9.41	3.06	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.70	3.62	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Arsenic, Total	9.51		mg/kg	0.941	0.406	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Barium, Total	70.8		mg/kg	0.941	0.100	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.244	J	mg/kg	0.470	0.052	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.324	J	mg/kg	0.941	0.052	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Calcium, Total	6500		mg/kg	9.41	5.34	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Chromium, Total	18.1		mg/kg	0.941	0.798	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Cobalt, Total	5.04		mg/kg	1.88	0.233	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Copper, Total	20.1		mg/kg	0.941	0.214	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Iron, Total	11600		mg/kg	4.70	0.988	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Lead, Total	56.9		mg/kg	4.70	0.224	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Magnesium, Total	3380		mg/kg	9.41	1.53	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Manganese, Total	231		mg/kg	0.941	0.504	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Mercury, Total	1.13		mg/kg	0.086	0.056	1	02/25/25 15:29	02/26/25 07:05	EPA 7471B	1,7471B	JWN
Nickel, Total	11.5		mg/kg	2.35	0.760	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Potassium, Total	1220		mg/kg	235	47.7	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.88	0.310	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.470	0.280	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	188	99.8	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.88	0.849	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Vanadium, Total	19.6		mg/kg	0.941	0.142	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM
Zinc, Total	71.2		mg/kg	4.70	0.570	2	02/25/25 16:50	02/25/25 21:48	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-47
Client ID: TS-14R-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 15:45
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	2.39		mg/kg	0.083	0.054	1	02/17/25 10:24	02/18/25 10:22	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2506464
Project Number: CV04.001
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-48
Client ID: TS-14R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/05/25 15:46
Date Received: 02/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.652		mg/kg	0.089	0.058	1	02/25/25 15:29	02/26/25 07:09	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-49 Date Collected: 02/05/25 09:30

Client ID: FB-250205 Date Received: 02/05/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Barium, Total	ND		mg/l	0.0100	0.0021	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Calcium, Total	0.132		mg/l	0.100	0.0350	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Iron, Total	0.0534		mg/l	0.0500	0.0090	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Magnesium, Total	0.0245	J	mg/l	0.100	0.0153	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Manganese, Total	ND		mg/l	0.0100	0.0016	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/07/25 14:30	02/11/25 09:12	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Potassium, Total	ND		mg/l	2.50	0.237	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Sodium, Total	0.472	J	mg/l	2.00	0.120	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL
Zinc, Total	0.0021	J	mg/l	0.0500	0.0021	1	02/07/25 10:23	02/10/25 18:20	EPA 3005A	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 49 Batch: WG2027752-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/07/25 14:30	02/11/25 08:32	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 49 Batch: WG2027755-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Barium, Total	ND		mg/l	0.0100	0.0021	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Calcium, Total	ND		mg/l	0.100	0.0350	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Iron, Total	ND		mg/l	0.0500	0.0090	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Magnesium, Total	ND		mg/l	0.100	0.0153	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Manganese, Total	ND		mg/l	0.0100	0.0016	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Nickel, Total	ND		mg/l	0.0250	0.0024	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Potassium, Total	ND		mg/l	2.50	0.237	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Sodium, Total	ND		mg/l	2.00	0.120	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL
Zinc, Total	ND		mg/l	0.0500	0.0021	1	02/07/25 10:23	02/10/25 18:06	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 Batch: WG2029076-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Antimony, Total	ND		mg/kg	2.00	1.54	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Barium, Total	ND		mg/kg	0.400	0.042	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Beryllium, Total	ND		mg/kg	0.200	0.022	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.400	0.022	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Calcium, Total	ND		mg/kg	4.00	2.27	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Cobalt, Total	ND		mg/kg	0.800	0.099	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Copper, Total	ND		mg/kg	0.400	0.091	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Iron, Total	0.705	J	mg/kg	2.00	0.420	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Lead, Total	ND		mg/kg	2.00	0.095	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Magnesium, Total	ND		mg/kg	4.00	0.652	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Manganese, Total	ND		mg/kg	0.400	0.214	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Nickel, Total	ND		mg/kg	1.00	0.323	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Potassium, Total	ND		mg/kg	100	20.3	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Selenium, Total	ND		mg/kg	0.800	0.132	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Silver, Total	ND		mg/kg	0.200	0.119	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Sodium, Total	ND		mg/kg	80.0	42.4	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Thallium, Total	ND		mg/kg	0.800	0.361	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Vanadium, Total	ND		mg/kg	0.400	0.060	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM
Zinc, Total	ND		mg/kg	2.00	0.242	1	02/12/25 03:07	02/12/25 11:52	1,6010D	EFM

Prep Information

Digestion Method: EPA 3050B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 Batch: WG2029077-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/12/25 03:38	02/12/25 10:53	1,7471B	SMV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-22,29 Batch: WG2030661-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Antimony, Total	ND		mg/kg	2.00	1.54	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Barium, Total	ND		mg/kg	0.400	0.042	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Beryllium, Total	ND		mg/kg	0.200	0.022	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.400	0.022	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Calcium, Total	ND		mg/kg	4.00	2.27	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Cobalt, Total	ND		mg/kg	0.800	0.099	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Copper, Total	ND		mg/kg	0.400	0.091	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Iron, Total	1.33	J	mg/kg	2.00	0.420	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Lead, Total	ND		mg/kg	2.00	0.095	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Magnesium, Total	ND		mg/kg	4.00	0.652	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Manganese, Total	ND		mg/kg	0.400	0.214	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Nickel, Total	ND		mg/kg	1.00	0.323	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Potassium, Total	ND		mg/kg	100	20.3	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Selenium, Total	ND		mg/kg	0.800	0.132	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Silver, Total	ND		mg/kg	0.200	0.119	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Sodium, Total	ND		mg/kg	80.0	42.4	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Thallium, Total	ND		mg/kg	0.800	0.361	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Vanadium, Total	ND		mg/kg	0.400	0.060	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM
Zinc, Total	ND		mg/kg	2.00	0.242	1	02/17/25 09:55	02/18/25 13:48	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506464

Project Number: CV04.001 **Report Date:** 02/27/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-22,39,47 Batch: WG2030670-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/17/25 10:24	02/18/25 09:42	1,7471B	TAA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 23,46 Batch: WG2033865-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Antimony, Total	ND		mg/kg	2.00	1.54	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Barium, Total	0.255	J	mg/kg	0.400	0.042	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Beryllium, Total	ND		mg/kg	0.200	0.022	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.400	0.022	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Calcium, Total	ND		mg/kg	4.00	2.27	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Cobalt, Total	ND		mg/kg	0.800	0.099	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Copper, Total	ND		mg/kg	0.400	0.091	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Iron, Total	5.74		mg/kg	2.00	0.420	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Lead, Total	0.216	J	mg/kg	2.00	0.095	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Magnesium, Total	ND		mg/kg	4.00	0.652	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Manganese, Total	ND		mg/kg	0.400	0.214	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Nickel, Total	ND		mg/kg	1.00	0.323	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Potassium, Total	ND		mg/kg	100	20.3	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Selenium, Total	ND		mg/kg	0.800	0.132	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Silver, Total	ND		mg/kg	0.200	0.119	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Sodium, Total	ND		mg/kg	80.0	42.4	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Thallium, Total	ND		mg/kg	0.800	0.361	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Vanadium, Total	ND		mg/kg	0.400	0.060	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM
Zinc, Total	0.821	J	mg/kg	2.00	0.242	1	02/25/25 16:50	02/25/25 21:37	1,6010D	EFM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 46,48 Batch: WG2033867-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/25/25 14:46	02/26/25 06:40	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 49 Batch: WG2027752-2								
Mercury, Total	95		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 49 Batch: WG2027755-2					
Aluminum, Total	106	-	80-120	-	
Antimony, Total	92	-	80-120	-	
Arsenic, Total	100	-	80-120	-	
Barium, Total	104	-	80-120	-	
Beryllium, Total	105	-	80-120	-	
Cadmium, Total	105	-	80-120	-	
Calcium, Total	102	-	80-120	-	
Chromium, Total	108	-	80-120	-	
Cobalt, Total	106	-	80-120	-	
Copper, Total	108	-	80-120	-	
Iron, Total	107	-	80-120	-	
Lead, Total	102	-	80-120	-	
Magnesium, Total	105	-	80-120	-	
Manganese, Total	106	-	80-120	-	
Nickel, Total	109	-	80-120	-	
Potassium, Total	111	-	80-120	-	
Selenium, Total	102	-	80-120	-	
Silver, Total	110	-	80-120	-	
Sodium, Total	109	-	80-120	-	
Thallium, Total	99	-	80-120	-	
Vanadium, Total	109	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 49 Batch: WG2027755-2					
Zinc, Total	104	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 Batch: WG2029076-2					
Aluminum, Total	101	-	80-120	-	
Antimony, Total	100	-	80-120	-	
Arsenic, Total	96	-	80-120	-	
Barium, Total	99	-	80-120	-	
Beryllium, Total	104	-	80-120	-	
Cadmium, Total	98	-	80-120	-	
Calcium, Total	101	-	80-120	-	
Chromium, Total	100	-	80-120	-	
Cobalt, Total	101	-	80-120	-	
Copper, Total	103	-	80-120	-	
Iron, Total	106	-	80-120	-	
Lead, Total	98	-	80-120	-	
Magnesium, Total	100	-	80-120	-	
Manganese, Total	102	-	80-120	-	
Nickel, Total	102	-	80-120	-	
Potassium, Total	104	-	80-120	-	
Selenium, Total	95	-	80-120	-	
Silver, Total	100	-	80-120	-	
Sodium, Total	103	-	80-120	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	102	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 Batch: WG2029076-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 Batch: WG2029077-2					
Mercury, Total	95	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-22,29 Batch: WG2030661-2					
Aluminum, Total	98	-	80-120	-	
Antimony, Total	99	-	80-120	-	
Arsenic, Total	98	-	80-120	-	
Barium, Total	98	-	80-120	-	
Beryllium, Total	98	-	80-120	-	
Cadmium, Total	94	-	80-120	-	
Calcium, Total	101	-	80-120	-	
Chromium, Total	95	-	80-120	-	
Cobalt, Total	95	-	80-120	-	
Copper, Total	98	-	80-120	-	
Iron, Total	102	-	80-120	-	
Lead, Total	98	-	80-120	-	
Magnesium, Total	99	-	80-120	-	
Manganese, Total	98	-	80-120	-	
Nickel, Total	96	-	80-120	-	
Potassium, Total	109	-	80-120	-	
Selenium, Total	98	-	80-120	-	
Silver, Total	98	-	80-120	-	
Sodium, Total	109	-	80-120	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	97	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-22,29 Batch: WG2030661-2					
Zinc, Total	93	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 21-22,39,47 Batch: WG2030670-2					
Mercury, Total	97	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 23,46 Batch: WG2033865-2					
Aluminum, Total	101	-	80-120	-	
Antimony, Total	98	-	80-120	-	
Arsenic, Total	98	-	80-120	-	
Barium, Total	101	-	80-120	-	
Beryllium, Total	105	-	80-120	-	
Cadmium, Total	102	-	80-120	-	
Calcium, Total	100	-	80-120	-	
Chromium, Total	101	-	80-120	-	
Cobalt, Total	102	-	80-120	-	
Copper, Total	102	-	80-120	-	
Iron, Total	107	-	80-120	-	
Lead, Total	100	-	80-120	-	
Magnesium, Total	97	-	80-120	-	
Manganese, Total	101	-	80-120	-	
Nickel, Total	102	-	80-120	-	
Potassium, Total	105	-	80-120	-	
Selenium, Total	98	-	80-120	-	
Silver, Total	97	-	80-120	-	
Sodium, Total	103	-	80-120	-	
Thallium, Total	98	-	80-120	-	
Vanadium, Total	102	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 23,46 Batch: WG2033865-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 46,48 Batch: WG2033867-2					
Mercury, Total	95	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 49 QC Batch ID: WG2027752-3 QC Sample: L2506341-03 Client ID: MS Sample												
Mercury, Total	0.00051	0.005	0.00524	94		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 49 QC Batch ID: WG2027755-3 QC Sample: L2506500-02 Client ID: MS Sample									
Aluminum, Total	ND	2	2.17	108	-	-	75-125	-	20
Antimony, Total	ND	0.5	0.562	112	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.126	105	-	-	75-125	-	20
Barium, Total	0.218	2	2.30	104	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.0530	106	-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.0538	102	-	-	75-125	-	20
Calcium, Total	105	10	113	80	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.214	107	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.518	104	-	-	75-125	-	20
Copper, Total	ND	0.25	0.281	112	-	-	75-125	-	20
Iron, Total	4.79	1	5.85	106	-	-	75-125	-	20
Lead, Total	ND	0.53	0.545	103	-	-	75-125	-	20
Magnesium, Total	26.5	10	36.9	104	-	-	75-125	-	20
Manganese, Total	2.82	0.5	3.30	96	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.535	107	-	-	75-125	-	20
Potassium, Total	2.79	10	14.4	116	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.128	107	-	-	75-125	-	20
Silver, Total	ND	0.05	0.0564	113	-	-	75-125	-	20
Sodium, Total	20.6	10	31.7	111	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.120	100	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.549	110	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 49 QC Batch ID: WG2027755-3 QC Sample: L2506500-02 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.507	101	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 QC Batch ID: WG2029076-3 WG2029076-4 QC Sample: L2506464-01 Client ID: TS-11R-0-1.5											
Aluminum, Total	9670	172	9880	122		9550	**0**	Q	75-125	3	20
Antimony, Total	ND	43.1	16.6	**38**	Q	16.8	**39**	Q	75-125	1	20
Arsenic, Total	2.35	10.3	13.7	110		13.6	109		75-125	1	20
Barium, Total	113	172	286	100		269	91		75-125	6	20
Beryllium, Total	0.508	4.31	4.82	100		4.71	98		75-125	2	20
Cadmium, Total	ND	4.57	4.06	89		4.01	88		75-125	1	20
Calcium, Total	22800	862	24700	**220**	Q	24500	**198**	Q	75-125	1	20
Chromium, Total	15.1	17.2	31.4	94		31.8	97		75-125	1	20
Cobalt, Total	17.7	43.1	65.8	112		63.1	106		75-125	4	20
Copper, Total	33.7	21.6	61.1	**127**	Q	55.4	101		75-125	10	20
Iron, Total	14200	86.2	15100	**1040**	Q	13300	**0**	Q	75-125	13	20
Lead, Total	15.8	45.7	56.1	88		56.0	88		75-125	0	20
Magnesium, Total	8150	862	6750	**0**	Q	7250	**0**	Q	75-125	7	20
Manganese, Total	187	43.1	265	**181**	Q	246	**138**	Q	75-125	7	20
Nickel, Total	35.5	43.1	82.2	108		81.4	107		75-125	1	20
Potassium, Total	3350	862	3660	**36**	Q	3490	**16**	Q	75-125	5	20
Selenium, Total	ND	10.3	10.1	98		9.96	97		75-125	1	20
Silver, Total	ND	4.31	4.21	98		4.16	97		75-125	1	20
Sodium, Total	143J	862	910	106		903	105		75-125	1	20
Thallium, Total	1.14J	10.3	10.1	98		9.98	97		75-125	1	20
Vanadium, Total	24.5	43.1	65.6	95		64.1	92		75-125	2	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 QC Batch ID: WG2029076-3 WG2029076-4 QC Sample: L2506464-01 Client ID: TS-11R-0-1.5										
Zinc, Total	93.6	43.1	131	87	123	**68**	Q	75-125	6	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 QC Batch ID: WG2029076-7 WG2029076-8 QC Sample: L2506464-28 Client ID: TS-13R-1-1.5												
Aluminum, Total	12200	170	12200	**0**	Q	10100	**0**	Q	75-125	19		20
Antimony, Total	ND	42.5	12.6	**30**	Q	14.9	**35**	Q	75-125	17		20
Arsenic, Total	3.67	10.2	13.2	93		11.8	80		75-125	11		20
Barium, Total	66.3	170	221	91		218	90		75-125	1		20
Beryllium, Total	0.401J	4.25	4.50	106		4.33	103		75-125	4		20
Cadmium, Total	1.04	4.51	5.88	107		5.38	97		75-125	9		20
Calcium, Total	1500	850	3470	**232**	Q	2230	87		75-125	**44**	Q	20
Chromium, Total	21.8	17	36.1	84		31.8	**59**	Q	75-125	13		20
Cobalt, Total	7.23	42.5	44.4	87		43.4	86		75-125	2		20
Copper, Total	18.4	21.3	40.1	102		40.6	105		75-125	1		20
Iron, Total	15900	85	15800	**0**	Q	14100	**0**	Q	75-125	11		20
Lead, Total	13.6	45.1	49.6	80		50.6	83		75-125	2		20
Magnesium, Total	5150	850	6170	120		5200	**6**	Q	75-125	17		20
Manganese, Total	284	42.5	349	**153**	Q	289	**12**	Q	75-125	19		20
Nickel, Total	15.5	42.5	52.5	87		49.8	81		75-125	5		20
Potassium, Total	2120	850	2940	96		3080	114		75-125	5		20
Selenium, Total	ND	10.2	8.48	83		8.45	84		75-125	0		20
Silver, Total	ND	4.25	3.98	94		3.90	92		75-125	2		20
Sodium, Total	ND	850	837	98		802	95		75-125	4		20
Thallium, Total	0.948J	10.2	10.0	98		9.62	95		75-125	4		20
Vanadium, Total	27.5	42.5	65.9	90		60.5	78		75-125	9		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 QC Batch ID: WG2029076-7 WG2029076-8 QC Sample: L2506464-28 Client ID: TS-13R-1-1.5												
Zinc, Total	139	42.5	200	**143**	Q	134	**0**	Q	75-125	**40**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 QC Batch ID: WG2029077-3 WG2029077-4 QC Sample: L2506464-01 Client ID: TS-11R-0-1.5												
Mercury, Total	0.071J	1.44	1.39	97		1.39	99		80-120	0		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 QC Batch ID: WG2029077-5 WG2029077-6 QC Sample: L2506464-28 Client ID: TS-13R-1-1.5												
Mercury, Total	ND	1.55	1.50	97		1.42	97		80-120	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-22,29 QC Batch ID: WG2030661-3 QC Sample: L2500778-19 Client ID: MS Sample										
Aluminum, Total	9820	156	10900	**694**	Q	-	-	75-125	-	20
Antimony, Total	ND	38.9	13.7	**35**	Q	-	-	75-125	-	20
Arsenic, Total	14.2	9.33	23.1	95		-	-	75-125	-	20
Barium, Total	37.9	156	182	93		-	-	75-125	-	20
Beryllium, Total	0.370J	3.89	4.00	103		-	-	75-125	-	20
Cadmium, Total	0.125J	4.12	3.71	90		-	-	75-125	-	20
Calcium, Total	581	778	1360	100		-	-	75-125	-	20
Chromium, Total	13.4	15.6	28.2	95		-	-	75-125	-	20
Cobalt, Total	4.77	38.9	39.2	88		-	-	75-125	-	20
Copper, Total	9.11	19.4	29.2	103		-	-	75-125	-	20
Iron, Total	12400	77.8	13300	**1160**	Q	-	-	75-125	-	20
Lead, Total	62.0	41.2	113	124		-	-	75-125	-	20
Magnesium, Total	2790	778	3760	125		-	-	75-125	-	20
Manganese, Total	264	38.9	310	118		-	-	75-125	-	20
Nickel, Total	8.90	38.9	43.8	90		-	-	75-125	-	20
Potassium, Total	503	778	1340	108		-	-	75-125	-	20
Selenium, Total	0.362J	9.33	9.31	100		-	-	75-125	-	20
Silver, Total	ND	3.89	3.62	93		-	-	75-125	-	20
Sodium, Total	ND	778	818	105		-	-	75-125	-	20
Thallium, Total	ND	9.33	9.29	100		-	-	75-125	-	20
Vanadium, Total	18.3	38.9	55.7	96		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-22,29 QC Batch ID: WG2030661-3 QC Sample: L2500778-19 Client ID: MS Sample									
Zinc, Total	32.2	38.9	69.2	95	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 21-22,39,47 QC Batch ID: WG2030670-3 QC Sample: L2506139-02 Client ID: MS Sample									
Mercury, Total	0.996	1.4	2.47	105	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 23,46 QC Batch ID: WG2033865-3 QC Sample: L2509455-01 Client ID: MS Sample										
Aluminum, Total	2210	726	3160	**131**	Q	-	-	75-125	-	20
Antimony, Total	ND	182	178	98		-	-	75-125	-	20
Arsenic, Total	ND	43.6	43.2	99		-	-	75-125	-	20
Barium, Total	75.9	726	886	112		-	-	75-125	-	20
Beryllium, Total	ND	18.2	20.6	113		-	-	75-125	-	20
Cadmium, Total	0.437J	19.2	20.8	108		-	-	75-125	-	20
Calcium, Total	5540	3630	9050	97		-	-	75-125	-	20
Chromium, Total	6.91	72.6	84.3	106		-	-	75-125	-	20
Cobalt, Total	0.892J	182	200	110		-	-	75-125	-	20
Copper, Total	351	90.8	477	**139**	Q	-	-	75-125	-	20
Iron, Total	3230	363	3400	**47**	Q	-	-	75-125	-	20
Lead, Total	13.0J	192	198	103		-	-	75-125	-	20
Magnesium, Total	1480	3630	4980	96		-	-	75-125	-	20
Manganese, Total	37.4	182	237	110		-	-	75-125	-	20
Nickel, Total	5.11J	182	202	111		-	-	75-125	-	20
Potassium, Total	3260	3630	7390	114		-	-	75-125	-	20
Selenium, Total	5.64J	43.6	48.6	112		-	-	75-125	-	20
Silver, Total	1.12J	18.2	19.9	110		-	-	75-125	-	20
Sodium, Total	1480	3630	5590	113		-	-	75-125	-	20
Thallium, Total	ND	43.6	40.6	93		-	-	75-125	-	20
Vanadium, Total	1.63J	182	200	110		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 23,46 QC Batch ID: WG2033865-3 QC Sample: L2509455-01 Client ID: MS Sample									
Zinc, Total	244	182	445	111	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 46,48 QC Batch ID: WG2033867-3 QC Sample: L2509455-01 Client ID: MS Sample									
Mercury, Total	ND	6.53	6.01	92	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 49 QC Batch ID: WG2027752-4 QC Sample: L2506341-03 Client ID: DUP Sample						
Mercury, Total	0.00051	0.00049	mg/l	4		20
Total Metals - Mansfield Lab Associated sample(s): 49 QC Batch ID: WG2027755-4 QC Sample: L2506500-02 Client ID: DUP Sample						
Iron, Total	4.79	4.78	mg/l	0		20
Total Metals - Mansfield Lab Associated sample(s): 21-22,29 QC Batch ID: WG2030661-4 QC Sample: L2500778-19 Client ID: DUP Sample						
Lead, Total	62.0	36.6	mg/kg	**52**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 21-22,39,47 QC Batch ID: WG2030670-4 QC Sample: L2506139-02 Client ID: DUP Sample						
Mercury, Total	0.996	1.08	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 23,46 QC Batch ID: WG2033865-4 QC Sample: L2509455-01 Client ID: DUP Sample						
Arsenic, Total	ND	1.63J	mg/kg	NC		20
Cadmium, Total	0.437J	0.537J	mg/kg	NC		20
Chromium, Total	6.91	9.23	mg/kg	**29**	Q	20
Copper, Total	351	442	mg/kg	**23**	Q	20
Lead, Total	13.0J	14.0J	mg/kg	NC		20
Nickel, Total	5.11J	6.87J	mg/kg	NC		20
Potassium, Total	3260	3750	mg/kg	14		20
Selenium, Total	5.64J	7.05J	mg/kg	NC		20
Zinc, Total	244	308	mg/kg	**23**	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001

Lab Number: L2506464

Report Date: 02/27/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 46,48 QC Batch ID: WG2033867-4 QC Sample: L2509455-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 QC Batch ID: WG2029076-10 QC Sample: L2506464-28 Client ID: TS-13R-1-1.5						
Aluminum, Total	12200	13700	mg/kg	12		20
Barium, Total	66.3	74.5	mg/kg	12		20
Calcium, Total	1500	1640	mg/kg	9		20
Iron, Total	15900	18600	mg/kg	17		20
Magnesium, Total	5150	5830	mg/kg	13		20
Manganese, Total	284	317	mg/kg	12		20
Vanadium, Total	27.5	29.7	mg/kg	8		20
Zinc, Total	139	155	mg/kg	12		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,12-13,19-20,27-28,36,38,44-45 QC Batch ID: WG2029076-6 QC Sample: L2506464-01 Client ID: TS-11R-0-1.5						
Aluminum, Total	9670	9180	mg/kg	5		20
Barium, Total	113	107	mg/kg	5		20
Calcium, Total	22800	21800	mg/kg	4		20
Copper, Total	33.7	30.7	mg/kg	9		20
Iron, Total	14200	14200	mg/kg	0		20
Magnesium, Total	8150	8030	mg/kg	1		20
Manganese, Total	187	176	mg/kg	6		20
Vanadium, Total	24.5	22.6	mg/kg	8		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-01
Client ID: TS-11R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 08:55
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.890	0.178	1	02/11/25 13:13	02/12/25 09:39	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-02
Client ID: TS-11R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 09:25
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.908	0.182	1	02/11/25 13:13	02/12/25 09:39	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-08
Client ID: F02R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/05/25 10:10
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-12
Client ID: TS-09R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/05/25 10:50
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.02	0.205	1	02/11/25 13:13	02/12/25 09:39	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-13
Client ID: TS-09R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 10:45
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.926	0.185	1	02/11/25 13:13	02/12/25 09:39	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-14
Client ID: TS-09R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 10:40
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.7		%	0.100	NA	1	-	02/14/25 08:47	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-15
Client ID: TS-09R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 10:35
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	02/18/25 08:49	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-19
Client ID: TS-12R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 12:05
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.910	0.182	1	02/11/25 13:13	02/12/25 09:39	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-20
Client ID: TS-12R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 12:15
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.2		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.868	0.174	1	02/11/25 13:13	02/12/25 09:39	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-21
Client ID: DUP-10
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 12:10
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	02/14/25 08:47	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-22
Client ID: TS-12R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 12:40
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	02/14/25 08:47	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-23
Client ID: TS-12R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 12:35
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	02/20/25 19:14	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-26
Client ID: TEI-SB-03-7-9
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 12:55
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.8		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-27
Client ID: TS-13R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/05/25 13:15
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.1		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.888	0.178	1	02/11/25 13:13	02/12/25 09:39	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-28
Client ID: TS-13R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/05/25 13:20
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI
Chromium, Hexavalent	0.527	J	mg/kg	0.897	0.179	1	02/11/25 13:13	02/12/25 10:01	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-29
Client ID: TS-13R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 13:45
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	02/14/25 08:47	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-34
Client ID: TEI-SB-05-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 14:30
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.3		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-35
Client ID: TEI-SB-06-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/05/25 14:45
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-36
Client ID: TS-04R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 15:05
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.3		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.05	0.210	1	02/11/25 13:13	02/12/25 09:39	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-37
Client ID: DUP-02
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 15:10
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.7		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-38
Client ID: TS-04R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 15:25
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.922	0.184	1	02/11/25 13:13	02/12/25 09:39	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-39
Client ID: TS-04R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 15:20
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	02/14/25 08:47	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-40
Client ID: TS-04R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 15:18
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	02/18/25 08:49	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-44
Client ID: TS-14R-0-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 15:30
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.973	0.195	1	02/11/25 13:13	02/12/25 09:39	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-45
Client ID: TS-14R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 15:35
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	02/06/25 08:51	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.948	0.190	1	02/11/25 13:13	02/12/25 10:01	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-46
Client ID: DUP-11
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 15:40
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	02/21/25 22:05	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-47
Client ID: TS-14R-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 15:45
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	02/14/25 08:47	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-48
Client ID: TS-14R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/05/25 15:46
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	02/20/25 19:14	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

SAMPLE RESULTS

Lab ID: L2506464-49
Client ID: FB-250205
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Water

Date Collected: 02/05/25 09:30
Date Received: 02/05/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	02/06/25 05:40	02/06/25 06:26	1,7196A	DMO

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 49 Batch: WG2027280-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	02/06/25 05:40	02/06/25 06:24	1,7196A	DMO
General Chemistry - Westborough Lab for sample(s): 01-02,12-13,19-20,27,36,38,44 Batch: WG2028954-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/11/25 13:13	02/12/25 09:39	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 28,45 Batch: WG2028955-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/11/25 13:13	02/12/25 10:01	1,7196A	RDS

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 49 Batch: WG2027280-2								
Chromium, Hexavalent	100		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,12-13,19-20,27,36,38,44 Batch: WG2028954-2								
Chromium, Hexavalent	95		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 28,45 Batch: WG2028955-2								
Chromium, Hexavalent	95		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 49 QC Batch ID: WG2027280-4 QC Sample: L2506464-49 Client ID: FB-250205												
Chromium, Hexavalent	ND	0.1	0.102	102		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,12-13,19-20,27,36,38,44 QC Batch ID: WG2028954-4 WG2028954-5 QC Sample: L2506464-01 Client ID: TS-11R-0-1.5												
Chromium, Hexavalent	ND	1440	1330	92		1140	89		75-125	4		20
General Chemistry - Westborough Lab Associated sample(s): 28,45 QC Batch ID: WG2028955-4 WG2028955-5 QC Sample: L2506464-28 Client ID: TS-13R-1-1.5												
Chromium, Hexavalent	0.527J	1500	1350	90		1260	98		75-125	8		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 49 QC Batch ID: WG2027280-3 QC Sample: L2506464-49 Client ID: FB-250205						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,08,12-13,19-20,26-28,34-38,44-45 QC Batch ID: WG2027322-1 QC Sample: L2506464-26 Client ID: TEI-SB-03-7-9						
Solids, Total	95.8	95.4	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,12-13,19-20,27,36,38,44 QC Batch ID: WG2028954-7 QC Sample: L2506464-01 Client ID: TS-11R-0-1.5						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 28,45 QC Batch ID: WG2028955-7 QC Sample: L2506464-28 Client ID: TS-13R-1-1.5						
Chromium, Hexavalent	0.527J	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 14,21-22,29,39,47 QC Batch ID: WG2030224-1 QC Sample: L2507743-01 Client ID: DUP Sample						
Solids, Total	62.4	62.5	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 15,40 QC Batch ID: WG2031242-1 QC Sample: L2506464-15 Client ID: TS-09R-2-2.5						
Solids, Total	91.4	90.1	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 23,48 QC Batch ID: WG2032428-1 QC Sample: L2506139-03 Client ID: DUP Sample						
Solids, Total	87.8	87.7	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 46 QC Batch ID: WG2032862-1 QC Sample: L2506464-46 Client ID: DUP-11						
Solids, Total	83.8	83.5	%	0		20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506464-01A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-01A1	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-01A2	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-01B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-01B1	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-01B2	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-01C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-01C1	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-01C2	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-01D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506464-01D1	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506464-01D2	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506464-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506464-01E1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2506464-01E2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2506464-01F	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506464-01F1	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506464-01F2	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506464-01G	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506464-01G1	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506464-01G2	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506464-01X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-01X1	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-01X2	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-01Y	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-01Y1	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-01Y2	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-01Z	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-01Z1	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-01Z2	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506464-02A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2506464-02B	Glass 120ml/4oz unpreserved	C	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506464-02C	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506464-03A	Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		HOLD-METAL(180)
L2506464-03B	Glass 120ml/4oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2506464-03C	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2506464-04A	Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		HOLD-METAL(180)
L2506464-04B	Glass 120ml/4oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2506464-04C	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2506464-05A	Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		HOLD-METAL(180)
L2506464-05B	Glass 120ml/4oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2506464-05C	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2506464-06A	Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		HOLD-METAL(180)
L2506464-06B	Glass 120ml/4oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2506464-06C	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2506464-07A	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8082(14)
L2506464-08A	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2506464-09A	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8082(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506464-10A	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8082(14)
L2506464-11A	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8082(14)
L2506464-12A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-12B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-12C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-12D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506464-12E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2506464-12F	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506464-12G	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506464-12X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-12Y	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-12Z	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-13A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2506464-13B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30),HOLD-8082(14)
L2506464-13C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30),HOLD-8082(14)
L2506464-14A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		HOLD-METAL(180)
L2506464-14B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HOLD-8082(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506464-14C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HOLD-8082(14)
L2506464-15A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		HOLD-METAL(180)
L2506464-15B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		TS(7),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14)
L2506464-15C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		TS(7),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14)
L2506464-16A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		HOLD-METAL(180)
L2506464-16B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2506464-16C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2506464-17A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		HOLD-METAL(180)
L2506464-17B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2506464-17C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2506464-18A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		HOLD-METAL(180)
L2506464-18B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2506464-18C	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2506464-19A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-19B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-19C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-19D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506464-19E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2506464-19F	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506464-19G	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506464-19X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-19Y	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-19Z	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-20A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2506464-20B	Glass 120ml/4oz unpreserved	C	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506464-20C	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506464-21A	Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2506464-21B	Glass 120ml/4oz unpreserved	C	NA		3.7	Y	Absent		NYTCL-8270(14),S-EXT-NY/NJ/PA-8081(14),TS(7),NYTCL-8081(14)
L2506464-21C	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		NYTCL-8270(14),S-EXT-NY/NJ/PA-8081(14),TS(7),NYTCL-8081(14)
L2506464-22A	Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		AS-TI(180),CU-TI(180),HG-T(28)
L2506464-22B	Glass 120ml/4oz unpreserved	C	NA		3.7	Y	Absent		TS(7),NYTCL-8081(14),HOLD-8270(14)
L2506464-22C	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		TS(7),NYTCL-8081(14),HOLD-8270(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506464-23A	Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		AS-TI(180)
L2506464-23B	Glass 120ml/4oz unpreserved	C	NA		3.7	Y	Absent		TS(7),HOLD-8270(14),HOLD-8081(14)
L2506464-23C	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		TS(7),HOLD-8270(14),HOLD-8081(14)
L2506464-24A	Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		HOLD-METAL(180)
L2506464-24B	Glass 120ml/4oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14)
L2506464-24C	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14)
L2506464-25A	Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		HOLD-METAL(180)
L2506464-25B	Glass 120ml/4oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506464-25C	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506464-26A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-26A1	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-26A2	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-26B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-26B1	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-26B2	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-26C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-26C1	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-26C2	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-26D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506464-26D1	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506464-26D2	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506464-26E	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14)
L2506464-26E1	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14)
L2506464-26E2	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14)
L2506464-26X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-26X1	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-26X2	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506464-26Y	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-26Y1	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-26Y2	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-26Z	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-26Z1	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-26Z2	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-27A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-27B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-27C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-27D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506464-27E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2506464-27F	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506464-27G	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506464-27X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-27Y	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-27Z	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-28A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506464-28A1	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2506464-28A2	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2506464-28B	Glass 120ml/4oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506464-28B1	Glass 120ml/4oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506464-28B2	Glass 120ml/4oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506464-28C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506464-28C1	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506464-28C2	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506464-29A	Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		ZN-TI(180)
L2506464-29B	Glass 120ml/4oz unpreserved	B	NA		2.6	Y	Absent		TS(7),HOLD-8270(14),HOLD-8081(14)
L2506464-29C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		TS(7),HOLD-8270(14),HOLD-8081(14)
L2506464-30A	Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		HOLD-METAL(180)
L2506464-30B	Glass 120ml/4oz unpreserved	B	NA		2.6	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506464-30C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506464-31A	Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		HOLD-METAL(180)
L2506464-31B	Glass 120ml/4oz unpreserved	B	NA		2.6	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506464-31C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506464-32A	Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		HOLD-METAL(180)
L2506464-32B	Glass 120ml/4oz unpreserved	B	NA		2.6	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506464-32C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506464-33A	Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		HOLD-METAL(180)
L2506464-33B	Glass 120ml/4oz unpreserved	B	NA		2.6	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14)
L2506464-33C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14)
L2506464-34A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-34B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-34C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-34D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506464-34E	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14)
L2506464-34X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-34Y	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-34Z	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-35A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-35B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-35C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-35D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506464-35E	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14)
L2506464-35X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-35Y	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-35Z	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-36A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-36B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-36C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506464-36D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506464-36E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2506464-36F	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506464-36G	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506464-36X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-36Y	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-36Z	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-37A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-37B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-37C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-37D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2506464-37E	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		HOLD-METAL(180)
L2506464-37F	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2506464-37G	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2506464-37X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-37Y	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-37Z	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-38A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2506464-38B	Glass 120ml/4oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HOLD-8082(14),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506464-38C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HOLD-8082(14),HEXCR-7196(30)
L2506464-39A	Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		HG-T(28)
L2506464-39B	Glass 120ml/4oz unpreserved	B	NA		2.6	Y	Absent		TS(7),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14)
L2506464-39C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		TS(7),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14)
L2506464-40A	Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		HOLD-METAL(180)
L2506464-40B	Glass 120ml/4oz unpreserved	B	NA		2.6	Y	Absent		TS(7),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14)
L2506464-40C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		TS(7),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14)
L2506464-41A	Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		HOLD-METAL(180)
L2506464-41B	Glass 120ml/4oz unpreserved	B	NA		2.6	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2506464-41C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2506464-42A	Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		HOLD-METAL(180)
L2506464-42B	Glass 120ml/4oz unpreserved	B	NA		2.6	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2506464-42C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2506464-43A	Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		HOLD-METAL(180)
L2506464-43B	Glass 120ml/4oz unpreserved	B	NA		2.6	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2506464-43C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2506464-44A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-44B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-44C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-44D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506464-44E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2506464-44F	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506464-44G	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506464-44X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-44Y	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-44Z	Vial Water preserved split	A	NA		2.4	Y	Absent	07-FEB-25 07:45	NYTCL-8260HLW(14)
L2506464-45A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2506464-45B	Glass 120ml/4oz unpreserved	C	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506464-45C	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506464-46A	Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2506464-46B	Glass 120ml/4oz unpreserved	C	NA		3.7	Y	Absent		TS(7),HOLD-8081(14)
L2506464-46C	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		TS(7),HOLD-8081(14)
L2506464-47A	Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		HG-T(28)
L2506464-47B	Glass 120ml/4oz unpreserved	C	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14)
L2506464-47C	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14)
L2506464-48A	Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		HG-T(28)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506464
Report Date: 02/27/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506464-48B	Glass 120ml/4oz unpreserved	C	NA		3.7	Y	Absent		TS(7),HOLD-8081(14),HOLD-8270(14)
L2506464-48C	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		TS(7),HOLD-8081(14),HOLD-8270(14)
L2506464-49A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2506464-49B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2506464-49C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2506464-49D	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7)
L2506464-49E	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7)
L2506464-49F	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8081-RVT(7)
L2506464-49G	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8081-RVT(7)
L2506464-49H	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8082-RVT(365)
L2506464-49J	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8082-RVT(365)
L2506464-49K	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2506464-49L	Plastic 250ml unpreserved	A	7	7	2.4	Y	Absent		HEXCR-7196(1)
L2506464-50A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2506464-50B	Vial water preserved	A	NA		2.4	Y	Absent	06-FEB-25 06:39	NYTCL-8260HLW(14)
L2506464-50C	Vial water preserved	A	NA		2.4	Y	Absent	06-FEB-25 06:39	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506464
Project Number:	CV04.001	**Report Date:**	02/27/25

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506464
Project Number:	CV04.001	**Report Date:**	02/27/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506464
Project Number:	CV04.001	**Report Date:**	02/27/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506464
Report Date: 02/27/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

12506464

Pace® Location Requested (City/State): Westborough, MA

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Sample Comment
-01 TS-11R-0-1.5	SO	G	2/5/25		2/5/25	855				X	X	X	X	X	
-01 TS-11R-0-1.5 MS						855				X	X	H	X	X	Hold - H
-01 TS-11R-0-1.5 MSD						855				X	X	H	X	X	Hold - H
-02 TS-11R-1.5-2.0						9:25					X	X	X	X	
-03 TS-11R-2.0-2.5						9:20					H	H	H	H	Hold - H
-04 TS-11R-2.5-3.0						9:15					H	H	H	H	Hold - H
-05 TS-11R-3.0-3.5						9:10					H	H	H	H	Hold - H
-06 TS-11R-3.5-4.0						9:00					H	H	H	H	Hold - H
~~TS-11R-4.5-5.0~~						~~10:10~~					~~X~~	~~X~~			~~Hold - H~~ KJO 2/5/25
-07 DUP-05						10:15					H	H			Hold - H

Additional Instructions from Pace®:

Collected By: Printed Name: Marie Mueller Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

# Coolers:	Thermometer ID:	Correction Factor (°C)	Obs. Temp. (°C)	Corrected Temp. (°C)	[ ] On Ice

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time
Marie Mueller	2/5/25 5:11	Dave	2/5/25 1711
Dave	2/5/25 1835	PAS	2/5/25 1900
PAS	2/5/25		2/5/25 2300
	2/6/25 0200	Catt	02/06/25 02:10

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 6

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

L2506464

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Sample Comment
-08	FOZR-2-2.5	SO	G	2/5/25	1010		1010					X	X			
-09	FOZR-2.5-3				1005		1005					H	H			Hold
-10	FOZR-3-3.5				1000		1000					H	H			Hold
-11	FOZR-3.5-4				955		955					H	H			Hold
-12	TS-09R-0-1				1050		1050				X	X		X	X	
-13	TS-09R-1-1.5				1045		1045					X	H	X	X	Hold
-14	TS-09R-1.5-2 ADL				1040		1040					H	H	H	H	Hold
-15	TS-09R-2-2.5				1035		1035					H	H	H	H	Hold
-16	TS-09R-2.5-3				1030		1030					H	H	H	H	Hold
-17	TS-09R-3-3.5				1025		1025					H	H	H	H	Hold

Additional Instructions from Pace®:

Collected By: Printed Name: Marie Mueller Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Lab Use Only: Proj. Mgr: AcctNum / Client ID: Table #: Profile / Template: Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Marie Mueller	2/5/25 5:11		
	2/5/25 1835		2/5/25 1911
PAS	2/5/25	PAS	2/5/25 1900
	2/6/25 0240		2/5/25 2300
			2/6/25 0210

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 2 of 6

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

1250464

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for Instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B	Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC
	Reportable [X] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196							Sample Comment
-18	TS-09R-3.5-4	SO	G	2/5/25	~~1020~~		1020					H	H	H	H							Hold
-19	TS-12R-0-1.5				~~1205~~		1205				X	X		X	X							
-20	TS-12R-1.5-2				~~1215~~		1215					X		X	X							
-21	DUP-10				~~1210~~		1210					H		H	H							Hold
-22	TS-12R-2-2.5				~~1240~~		1240					H		H	H							Hold
-23	TS-12R-2.5-3				~~1235~~		1235					H		H	H							Hold
-24	TS-12R-3-3.5				~~1230~~		1230					H		H	H							Hold
-25	TS-12R-3.5-4				~~1225~~		1225					H		H	H							Hold
-26	TEI-SB-03-7.0-9.0				~~1255~~		1255				X	X										
-26	TEI-SB-03-7.0-9.0 MS				~~1255~~		1255					H										Hold

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore (5) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / Acct/Num / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace*:

Collected By: Printed Name: Marie Mueller Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: / Thermometer ID: / Correction Factor (°C): / Obs. Temp. (°C): / Corrected Temp. (°C): / [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Marie Mueller	2/5/25 5:11		2/5/25 1711
	2/5/25 1835	PAS	2/5/25 1900
PAS	2/5/25		2/5/25 2300
	2/6/25 0210		02/06/25 02:10

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 3 of 6

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORQ-0019_v02_110123 ©

L2506464

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 562-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500ml, (3) 250ml, (4) 125ml, (5) 100ml, (6) 40ml vial, (7) EnCore, (8) TerraCore, (9) 90ml, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Sample Comment
-26	TEI - SB-03 - 7.0-9.0 MSD	SO	G	2/5/25	~~1255~~		1255					H				
-27	TS-13R-0-1				~~1315~~		1315				X	X		X	X	Hold
-28	TS-13R-1-1.5 MS				~~1320~~		1320					H		H	H	
-28	TS-13R-1-1.5 MSD				~~1320~~		1320					H		H	H	
-28	TS-13R-1-1.5				~~1320~~		1320					X		X	X	Hold
-29	TS-13R-1.5-2				~~1345~~		1345					H		H	H	Hold
30	TS-13R-2-2.5				~~1341~~		1341					H		H	H	Hold
31	TS-13R-2.5-3				~~1340~~		1340					H		H	H	Hold
32	TS-13R-3-3.5				~~1336~~		1336					H		H	H	Hold
33	TS-13R-3.5-4				~~1335~~		1335					H		H	H	Hold

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: Printed Name: Marie Mueller Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	[ ] On Ice

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time
Marie Mueller	2/5/25 5:11	Dave	2/5/25 1711
Dave	2/5/25 1835	PAS	2/5/25 1900
PAS	2/5/25		2/6/25 0230
	2/6/25 0210		2/6/25 02:10

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

12526464

124 mon

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com, edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B	Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC Reportable [X] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other Date Results Requested:
	DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Sample Comment
34	TE1-SB-05-3.5-4.0	SO	G	2/5/25	~~1430~~		1430				X	X				
35	TE1-SB-06-3.0-3.5				~~1445~~		1445				X	X				
36	TS-04R-0-1				~~1505~~		1505				X	X	X	X	X	
37	DUP-02				~~1510~~		1510				X	H	H	H	H	Hold
38	TS-04R-1-1.5				~~1525~~		1525				X	X	H	X	X	Hold
39	TS-04R-1.5-2				~~1520~~		1520				X	H	H	H	H	Hold
40	TS-04R-2-2.5				~~1518~~		1518				X	H	H	H	H	Hold
41	TS-04R-2.5-3				~~1516~~		1516				X	H	H	H	H	Hold
42	TS-04R-3-3.5				~~1512~~		1512				X	H	H	H	H	Hold
43	TS-04R-3.5-4				~~1511~~		1511				X	H	H	H	H	Hold

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample

Additional Instructions from Pace®:

Collected By: Printed Name: Marie Mueller Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	[ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Marie Mueller	2/5/25 5:11		
	2/5/25 1835	PAS	2/5/25 1711
PAS	2/5/25		2/5/25 1900
	2/6/25 040		2/5/25 2300 2/6/25 0210

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 5 of 6

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

ENV-FRM-CORO-0019_v02_110123 ©

L2506464

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B	Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC
	Reportable [X] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome (6010/7470 + 7196)						Sample Comment
44	TS-14R-0-2.5	SO	G	2/	~~1530~~	2/5/25	1530				X	X		X	X						
45	TS-14R-2.5-3				~~1535~~		1535					X		X	X						
46	DUP-11				~~1540~~		1540							H	H						Hold
47	TS-14R-3-3.5				~~1545~~		1545					H		H	H						Hold
48	TS-14R-3.5-4				~~1546~~		1546					H		H	H						Hold
49	FB-250205	FB			~~930~~		930				X	X	X	X	X						
50	TB-250205	TB			~~855~~		855				X										

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / Acct/Num / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample:

Additional Instructions from Pace® :

Collected By: Printed Name: Marie Mueller Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

# Coolers	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	[ ] On Ice

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time
	2/5/25 5:11		2/5/25 1711
	2/5/25 1835		2/5/25 1900
	2/5/25		2/6/25 2340
	2/6/25 0240		02/06/25 02:10

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 6 of 6

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORQ-0019_v02_110123 ©

ANALYTICAL REPORT

Lab Number:	L2506645
Client:	Terraphase Engineering Inc. 222 International Drive Suite 150 Portsmouth, NH 03801
ATTN:	Nicholas Krasnecky
Phone:	(858) 385-0022
Project Name:	ELMWOOD PRESERVE
Project Number:	CV04.001
Report Date:	03/13/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2506645-01	TEI-SB-04-1-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 08:40	02/06/25
L2506645-02	DUP-09	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 08:45	02/06/25
L2506645-03	TEI-SB-01-8-8.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 09:30	02/06/25
L2506645-04	DUP-08	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 09:35	02/06/25
L2506645-05	TEI-SB-01-9.5-10	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 09:40	02/06/25
L2506645-06	TEI-SB-01-14.5-15	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 09:50	02/06/25
L2506645-07	TB-250206	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 07:40	02/06/25
L2506645-08	FB-250206	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 10:00	02/06/25
L2506645-09	TS-01R-0-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 10:35	02/06/25
L2506645-10	TS-01R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 10:25	02/06/25
L2506645-11	DUP-07	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 10:30	02/06/25
L2506645-12	TS-01R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 10:45	02/06/25
L2506645-13	TS-01R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 10:44	02/06/25
L2506645-14	TS-01R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 10:43	02/06/25
L2506645-15	TS-01R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 10:41	02/06/25
L2506645-16	TS-01R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 10:40	02/06/25
L2506645-17	TS-02R-0-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 11:05	02/06/25
L2506645-18	TS-02R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 11:15	02/06/25
L2506645-19	DUP-12	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 11:20	02/06/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2506645-20	TS-02R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 11:25	02/06/25
L2506645-21	TS-02R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 11:30	02/06/25
L2506645-22	TS-02R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 11:28	02/06/25
L2506645-23	TS-02R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 11:26	02/06/25
L2506645-24	TS-02R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 11:23	02/06/25
L2506645-25	TS-07R-0-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 11:50	02/06/25
L2506645-26	TS-07R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 12:00	02/06/25
L2506645-27	TS-07R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 12:05	02/06/25
L2506645-28	TS-07R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 12:06	02/06/25
L2506645-29	TS-07R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 11:59	02/06/25
L2506645-30	TS-07R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 11:58	02/06/25
L2506645-31	TS-07R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 11:56	02/06/25
L2506645-32	TS-06R-0-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 12:50	02/06/25
L2506645-33	TS-06R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 12:55	02/06/25
L2506645-34	TS-06R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 13:05	02/06/25
L2506645-35	TS-06R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 13:03	02/06/25
L2506645-36	TS-06R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 13:01	02/06/25
L2506645-37	TS-06R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 13:00	02/06/25
L2506645-38	TS-08R-0-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 13:45	02/06/25
L2506645-39	TS-08R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 13:50	02/06/25
L2506645-40	H02R-4-5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 14:13	02/06/25

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506645
Project Number:	CV04.001	**Report Date:**	03/13/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645
Project Number: CV04.001 **Report Date:** 03/13/25

Case Narrative (continued)

Report Submission

March 13, 2025: This final report includes the results of all requested analyses.

Additional requests will be reported separately.

March 10, 2025: This preliminary report includes the results of the following analyses:

L2506645-22: Total Mercury

March 03, 2025: This preliminary report includes the results of the following analyses:

L2506645-21: Total Mercury

February 24, 2025: This preliminary report includes the results of the following analyses:

L2506645-12: Client specified Pesticides and Total Metals

L2506645-20, -27, and -34: Client specified Total Metals

February 18, 2025: This preliminary report includes the results of the following analyses:

L2506645-20, -27, and -34: Pesticides

February 14, 2025: This is a preliminary report. Please note that your project has contingency samples on hold. Contact your project manager to request additional analyses within 3 business days of receiving this report. Requests made after this time frame will be reported separately.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The analyses performed were specified by the client.

L2506645-03, -05, and -06: The Client ID was specified by the client.

Volatile Organics

L2506645-03: The surrogate recoveries were outside the acceptance criteria for 1,2-dichloroethane-d4 (61%), dibromofluoromethane (46%) and 4-bromofluorobenzene (371%) in the Low Level analysis due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. The sample was

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645
Project Number: CV04.001 **Report Date:** 03/13/25

Case Narrative (continued)

analyzed as a High Level Methanol in order to quantitate result(s) within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported. Differences were noted between the results of the Volatile Organics by EPA Method 5035/8260 High and Low Level analyses which have been attributed to sample non-homogeneity.

Semivolatile Organics
L2506645-38D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Pesticides
L2506645-09: The internal standard (IS) response for 1-bromo-2-nitrobenzene (271%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences.

Total Metals
L2506645-09 through -12, -17, -18, -20, -25, -26, -32, -33, -38, and -39: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
L2506645-27 and -34: The sample has elevated detection limits for all elements due to the dilution required by the sample matrix.
L2506645-40: The sample has an elevated detection limit due to the dilution required by the sample matrix.
The WG2029425-3/-4 MS/MSD recoveries for aluminum (0%/0%), iron (0%/0%), magnesium (MS at 136%), and manganese (MSD at 72%), performed on L2506645-33, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG2029425-3/-4 MS/MSD recoveries, performed on L2506645-33, are outside the acceptance criteria for antimony (29%/31%), calcium (152%/1%), lead (228%/184%), potassium (MSD at 40%), and zinc (MSD at 68%). A post digestion spike was performed and was within acceptance criteria.
The WG2029425-3/-4 MS/MSD recoveries, performed on L2506645-33, are outside the acceptance criteria

Case Narrative (continued)

for arsenic (71%/153%). A post digestion spike was performed and yielded an unacceptable recovery for arsenic (66%). The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.
The WG2029425-3/-4 MS/MSD RPDs for arsenic (48%) and calcium (36%), performed on L2506645-33, are above the acceptance criteria.
The WG2029425-7/-8 MS/MSD recoveries for aluminum (0%/508%), calcium (0%/0%), iron (0%/0%), magnesium (0%/10%), and manganese (MS at 0%), performed on L2506645-38, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG2029425-7/-8 MS recoveries, performed on L2506645-38, are outside the acceptance criteria for antimony (32%/40%), arsenic (MSD at 61%), chromium (MSD at 137%), lead (MSD at 9030%), potassium (MS at 67%), and zinc (MSD at 70%). A post digestion spike was performed and was within acceptance criteria.
The WG2029425-7/-8 MS/MSD RPDs for aluminum (22%), antimony (24%), chromium (26%) and lead (190%), performed on L2506645-38, are above the acceptance criteria.
The WG2029573-7/-8 MS/MSD recoveries for aluminum (0%/0%), iron (0%/0%), and manganese (MS at 0%), performed on L2506645-26, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG2029573-7/-8 MS/MSD recoveries, performed on L2506645-26, are outside the acceptance criteria for antimony (32%/33%), copper (MS at 72%), lead (MSD at 63%), and zinc (17%/126%). A post digestion spike was performed and was within acceptance criteria. The WG2029573-7/-8 MS/MSD RPD for zinc (28%) is above the acceptance criteria.
The WG2029573-7 MS recovery, performed on L2506645-26, is outside the acceptance criteria for magnesium (66%). A post digestion spike was performed and yielded unacceptable recoveries for magnesium (73%). The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

Chromium, Hexavalent
The WG2028960-7 Laboratory Duplicate RPD for chromium, hexavalent (47%), performed on L2506645-38, is above the acceptance criteria; however, the sample and duplicate results are less than five times the reporting

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506645
Project Number:	CV04.001	**Report Date:**	03/13/25

Case Narrative (continued)

limit. Therefore, the RPD is valid.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 03/13/25

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-01 Date Collected: 02/06/25 08:40

Client ID: TEI-SB-04-1-3 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 02/12/25 02:01

Analyst: JIC

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-01 Date Collected: 02/06/25 08:40

Client ID: TEI-SB-04-1-3 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	40		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-01 Date Collected: 02/06/25 08:40

Client ID: TEI-SB-04-1-3 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-03 Date Collected: 02/06/25 09:30

Client ID: TEI-SB-01-8-8.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 02/12/25 02:24

Analyst: JIC

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	3.5		ug/kg	0.94	0.51	1
Ethylbenzene	48		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-03 Date Collected: 02/06/25 09:30

Client ID: TEI-SB-01-8-8.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	7.6		ug/kg	1.9	0.19	1
p/m-Xylene	5.7		ug/kg	1.9	0.52	1
o-Xylene	0.77	J	ug/kg	0.94	0.27	1
Xylenes, Total	6.5	J	ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	0.34	J	ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	730	E	ug/kg	0.94	0.16	1
sec-Butylbenzene	540	E	ug/kg	0.94	0.14	1
tert-Butylbenzene	9.4		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	360	E	ug/kg	0.94	0.10	1
p-Isopropyltoluene	8.8		ug/kg	0.94	0.10	1
Naphthalene	7.2		ug/kg	3.7	0.61	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-03 Date Collected: 02/06/25 09:30

Client ID: TEI-SB-01-8-8.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	1300	E	ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	840	E	ug/kg	1.9	0.16	1
p-Ethyltoluene	78		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	1700	E	ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**61**	Q	70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	**371**	Q	70-130
Dibromofluoromethane	**46**	Q	70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-03
Client ID: TEI-SB-01-8-8.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 09:30
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/13/25 00:25
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	300	140	1
1,1-Dichloroethane	ND		ug/kg	59	8.6	1
Chloroform	ND		ug/kg	89	8.3	1
Carbon tetrachloride	ND		ug/kg	59	14.	1
1,2-Dichloropropane	ND		ug/kg	59	7.4	1
Dibromochloromethane	ND		ug/kg	59	8.3	1
1,1,2-Trichloroethane	ND		ug/kg	59	16.	1
Tetrachloroethene	ND		ug/kg	30	12.	1
Chlorobenzene	ND		ug/kg	30	7.5	1
Trichlorofluoromethane	ND		ug/kg	240	41.	1
1,2-Dichloroethane	ND		ug/kg	59	15.	1
1,1,1-Trichloroethane	ND		ug/kg	30	9.9	1
Bromodichloromethane	ND		ug/kg	30	6.4	1
trans-1,3-Dichloropropene	ND		ug/kg	59	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	30	9.3	1
1,3-Dichloropropene, Total	ND		ug/kg	30	9.3	1
1,1-Dichloropropene	ND		ug/kg	30	9.4	1
Bromoform	ND		ug/kg	240	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	30	9.8	1
Benzene	ND		ug/kg	30	9.8	1
Toluene	ND		ug/kg	59	32.	1
Ethylbenzene	15	J	ug/kg	59	8.3	1
Chloromethane	ND		ug/kg	240	55.	1
Bromomethane	38	J	ug/kg	120	34.	1
Vinyl chloride	ND		ug/kg	59	20.	1
Chloroethane	ND		ug/kg	120	27.	1
1,1-Dichloroethene	ND		ug/kg	59	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	89	8.1	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-03 Date Collected: 02/06/25 09:30

Client ID: TEI-SB-01-8-8.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	30	8.1	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.5	1
1,3-Dichlorobenzene	ND		ug/kg	120	8.7	1
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	ND		ug/kg	120	33.	1
o-Xylene	ND		ug/kg	59	17.	1
Xylenes, Total	ND		ug/kg	59	17.	1
cis-1,2-Dichloroethene	ND		ug/kg	59	10.	1
1,2-Dichloroethene, Total	ND		ug/kg	59	8.1	1
Dibromomethane	ND		ug/kg	120	14.	1
Styrene	ND		ug/kg	59	12.	1
Dichlorodifluoromethane	ND		ug/kg	590	54.	1
Acetone	ND		ug/kg	590	280	1
Carbon disulfide	ND		ug/kg	590	270	1
2-Butanone	ND		ug/kg	590	130	1
Vinyl acetate	ND		ug/kg	590	130	1
4-Methyl-2-pentanone	ND		ug/kg	590	76.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.5	1
2-Hexanone	ND		ug/kg	590	70.	1
Bromochloromethane	ND		ug/kg	120	12.	1
2,2-Dichloropropane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	59	16.	1
1,3-Dichloropropane	ND		ug/kg	120	9.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	30	7.8	1
Bromobenzene	ND		ug/kg	120	8.6	1
n-Butylbenzene	380		ug/kg	59	9.9	1
sec-Butylbenzene	250		ug/kg	59	8.6	1
tert-Butylbenzene	ND		ug/kg	120	7.0	1
o-Chlorotoluene	ND		ug/kg	120	11.	1
p-Chlorotoluene	ND		ug/kg	120	6.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	59.	1
Hexachlorobutadiene	ND		ug/kg	240	10.	1
Isopropylbenzene	77		ug/kg	59	6.4	1
p-Isopropyltoluene	ND		ug/kg	59	6.4	1
Naphthalene	620		ug/kg	240	38.	1
Acrylonitrile	ND		ug/kg	240	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-03 Date Collected: 02/06/25 09:30

Client ID: TEI-SB-01-8-8.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	420		ug/kg	59	10.	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	16.	1
1,3,5-Trimethylbenzene	ND		ug/kg	120	11.	1
1,2,4-Trimethylbenzene	ND		ug/kg	120	20.	1
1,4-Dioxane	ND		ug/kg	4700	2100	1
p-Diethylbenzene	440		ug/kg	120	10.	1
p-Ethyltoluene	ND		ug/kg	120	23.	1
1,2,4,5-Tetramethylbenzene	1200		ug/kg	120	11.	1
Ethyl ether	ND		ug/kg	120	20.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	300	84.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	90		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-07 Date Collected: 02/06/25 07:40

Client ID: TB-250206 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 02/11/25 21:09

Analyst: JIC

Percent Solids: Results reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-07 Date Collected: 02/06/25 07:40

Client ID: TB-250206 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-07 Date Collected: 02/06/25 07:40

Client ID: TB-250206 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-08 Date Collected: 02/06/25 10:00
Client ID: FB-250206 Date Received: 02/06/25
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/12/25 15:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-08 Date Collected: 02/06/25 10:00

Client ID: FB-250206 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-08 Date Collected: 02/06/25 10:00

Client ID: FB-250206 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	106		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-09 Date Collected: 02/06/25 10:35

Client ID: TS-01R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 02/13/25 10:50

Analyst: AJK

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.12	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-09 Date Collected: 02/06/25 10:35

Client ID: TS-01R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	ND		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	4.0	0.64	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-09 Date Collected: 02/06/25 10:35

Client ID: TS-01R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-17
Client ID: TS-02R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 11:05
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/12/25 03:09
Analyst: JIC
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-17 Date Collected: 02/06/25 11:05

Client ID: TS-02R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	0.16	J	ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.79	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-17 Date Collected: 02/06/25 11:05

Client ID: TS-02R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.30	J	ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	42.	1
p-Diethylbenzene	0.21	J	ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	0.82	J	ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-25
Client ID: TS-07R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 11:50
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/12/25 03:31
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-25 Date Collected: 02/06/25 11:50

Client ID: TS-07R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-25 Date Collected: 02/06/25 11:50

Client ID: TS-07R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.40	1
1,2,4,5-Tetramethylbenzene	0.31	J	ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-32
Client ID: TS-06R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 12:50
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/12/25 03:54
Analyst: JIC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.22	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.62	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-32 Date Collected: 02/06/25 12:50

Client ID: TS-06R-0-1.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	0.24	J	ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.2	0.22	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.5	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	0.24	J	ug/kg	1.2	0.12	1
Naphthalene	8.1		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-32 Date Collected: 02/06/25 12:50

Client ID: TS-06R-0-1.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	0.26	J	ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-38
Client ID: TS-08R-0-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 13:45
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/13/25 00:18
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.97	0.52	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-38 Date Collected: 02/06/25 13:45

Client ID: TS-08R-0-3.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
Xylenes, Total	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.88	1
Acetone	ND		ug/kg	9.7	4.6	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.1	1
Vinyl acetate	ND		ug/kg	9.7	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.10	1
Naphthalene	26		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-38 Date Collected: 02/06/25 13:45

Client ID: TS-08R-0-3.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.97	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/11/25 19:42
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03,07,17,25,32 Batch: WG2029637-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/11/25 19:42
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03,07,17,25,32 Batch: WG2029637-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/11/25 19:42
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03,07,17,25,32 Batch: WG2029637-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/12/25 08:35
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2029714-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/12/25 08:35
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2029714-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/12/25 08:35
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2029714-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	113		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/12/25 21:18
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 38 Batch: WG2029868-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/12/25 21:18
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 38 Batch: WG2029868-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/12/25 21:18
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 38 Batch: WG2029868-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/12/25 16:36
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG2029874-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	62	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/12/25 16:36
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG2029874-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/12/25 16:36
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG2029874-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	16	J	ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	91		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/13/25 10:05
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG2029983-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/13/25 10:05
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG2029983-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/13/25 10:05
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG2029983-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03,07,17,25,32 Batch: WG2029637-3 WG2029637-4								
Methylene chloride	94		93		70-130	1		30
1,1-Dichloroethane	102		96		70-130	6		30
Chloroform	104		93		70-130	11		30
Carbon tetrachloride	95		92		70-130	3		30
1,2-Dichloropropane	107		105		70-130	2		30
Dibromochloromethane	97		97		70-130	0		30
1,1,2-Trichloroethane	113		109		70-130	4		30
Tetrachloroethene	103		94		70-130	9		30
Chlorobenzene	103		99		70-130	4		30
Trichlorofluoromethane	94		89		70-139	5		30
1,2-Dichloroethane	106		105		70-130	1		30
1,1,1-Trichloroethane	100		95		70-130	5		30
Bromodichloromethane	106		108		70-130	2		30
trans-1,3-Dichloropropene	113		109		70-130	4		30
cis-1,3-Dichloropropene	110		110		70-130	0		30
1,1-Dichloropropene	105		99		70-130	6		30
Bromoform	100		102		70-130	2		30
1,1,2,2-Tetrachloroethane	110		106		70-130	4		30
Benzene	106		101		70-130	5		30
Toluene	103		96		70-130	7		30
Ethylbenzene	103		98		70-130	5		30
Chloromethane	88		79		52-130	11		30
Bromomethane	101		96		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03,07,17,25,32 Batch: WG2029637-3 WG2029637-4								
Vinyl chloride	91		87		67-130	4		30
Chloroethane	101		96		50-151	5		30
1,1-Dichloroethene	95		89		65-135	7		30
trans-1,2-Dichloroethene	99		91		70-130	8		30
Trichloroethene	102		99		70-130	3		30
1,2-Dichlorobenzene	104		101		70-130	3		30
1,3-Dichlorobenzene	104		100		70-130	4		30
1,4-Dichlorobenzene	105		101		70-130	4		30
Methyl tert butyl ether	106		105		66-130	1		30
p/m-Xylene	104		99		70-130	5		30
o-Xylene	105		101		70-130	4		30
cis-1,2-Dichloroethene	96		93		70-130	3		30
Dibromomethane	98		98		70-130	0		30
Styrene	108		104		70-130	4		30
Dichlorodifluoromethane	64		60		30-146	6		30
Acetone	66		64		54-140	3		30
Carbon disulfide	92		86		59-130	7		30
2-Butanone	92		94		70-130	2		30
Vinyl acetate	108		106		70-130	2		30
4-Methyl-2-pentanone	95		94		70-130	1		30
1,2,3-Trichloropropane	103		98		68-130	5		30
2-Hexanone	93		95		70-130	2		30
Bromochloromethane	98		97		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03,07,17,25,32 Batch: WG2029637-3 WG2029637-4								
2,2-Dichloropropane	101		95		70-130	6		30
1,2-Dibromoethane	113		109		70-130	4		30
1,3-Dichloropropane	110		107		69-130	3		30
1,1,1,2-Tetrachloroethane	113		108		70-130	5		30
Bromobenzene	103		99		70-130	4		30
n-Butylbenzene	113		104		70-130	8		30
sec-Butylbenzene	106		99		70-130	7		30
tert-Butylbenzene	103		97		70-130	6		30
o-Chlorotoluene	106		96		70-130	10		30
p-Chlorotoluene	107		100		70-130	7		30
1,2-Dibromo-3-chloropropane	88		90		68-130	2		30
Hexachlorobutadiene	95		90		67-130	5		30
Isopropylbenzene	104		96		70-130	8		30
p-Isopropyltoluene	106		100		70-130	6		30
Naphthalene	103		103		70-130	0		30
Acrylonitrile	92		92		70-130	0		30
n-Propylbenzene	108		100		70-130	8		30
1,2,3-Trichlorobenzene	107		105		70-130	2		30
1,2,4-Trichlorobenzene	110		107		70-130	3		30
1,3,5-Trimethylbenzene	107		99		70-130	8		30
1,2,4-Trimethylbenzene	107		102		70-130	5		30
1,4-Dioxane	98		96		65-136	2		30
p-Diethylbenzene	110		102		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03,07,17,25,32 Batch: WG2029637-3 WG2029637-4								
p-Ethyltoluene	106		98		70-130	8		30
1,2,4,5-Tetramethylbenzene	119		113		70-130	5		30
Ethyl ether	105		114		67-130	8		30
trans-1,4-Dichloro-2-butene	107		106		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	99		97		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	93		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2029714-3 WG2029714-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		93		70-130	17		20
Chloroform	110		98		70-130	12		20
Carbon tetrachloride	100		89		63-132	12		20
1,2-Dichloropropane	95		85		70-130	11		20
Dibromochloromethane	98		86		63-130	13		20
1,1,2-Trichloroethane	100		92		70-130	8		20
Tetrachloroethene	100		86		70-130	15		20
Chlorobenzene	110		97		75-130	13		20
Trichlorofluoromethane	140		120		62-150	15		20
1,2-Dichloroethane	100		89		70-130	12		20
1,1,1-Trichloroethane	110		92		67-130	18		20
Bromodichloromethane	100		94		67-130	6		20
trans-1,3-Dichloropropene	83		72		70-130	14		20
cis-1,3-Dichloropropene	89		78		70-130	13		20
1,1-Dichloropropene	95		80		70-130	17		20
Bromoform	84		73		54-136	14		20
1,1,2,2-Tetrachloroethane	110		94		67-130	16		20
Benzene	100		89		70-130	12		20
Toluene	110		95		70-130	15		20
Ethylbenzene	110		93		70-130	17		20
Chloromethane	87		76		64-130	13		20
Bromomethane	**200**	Q	**190**	Q	39-139	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2029714-3 WG2029714-4								
Vinyl chloride	130		110		55-140	17		20
Chloroethane	**170**	Q	**150**	Q	55-138	13		20
1,1-Dichloroethene	100		94		61-145	6		20
trans-1,2-Dichloroethene	110		96		70-130	14		20
Trichloroethene	100		88		70-130	13		20
1,2-Dichlorobenzene	110		95		70-130	15		20
1,3-Dichlorobenzene	110		94		70-130	16		20
1,4-Dichlorobenzene	100		92		70-130	8		20
Methyl tert butyl ether	82		71		63-130	14		20
p/m-Xylene	105		90		70-130	15		20
o-Xylene	100		90		70-130	11		20
cis-1,2-Dichloroethene	110		98		70-130	12		20
Dibromomethane	100		98		70-130	2		20
1,2,3-Trichloropropane	92		79		64-130	15		20
Acrylonitrile	100		95		70-130	5		20
Styrene	100		90		70-130	11		20
Dichlorodifluoromethane	90		79		36-147	13		20
Acetone	110		90		58-148	20		20
Carbon disulfide	100		95		51-130	5		20
2-Butanone	98		83		63-138	17		20
Vinyl acetate	74		**63**	Q	70-130	16		20
4-Methyl-2-pentanone	77		65		59-130	17		20
2-Hexanone	75		69		57-130	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2029714-3 WG2029714-4								
Bromochloromethane	110		97		70-130	13		20
2,2-Dichloropropane	100		89		63-133	12		20
1,2-Dibromoethane	100		88		70-130	13		20
1,3-Dichloropropane	95		85		70-130	11		20
1,1,1,2-Tetrachloroethane	95		81		64-130	16		20
Bromobenzene	110		93		70-130	17		20
n-Butylbenzene	100		89		53-136	12		20
sec-Butylbenzene	110		89		70-130	**21**	Q	20
tert-Butylbenzene	110		92		70-130	18		20
o-Chlorotoluene	100		91		70-130	9		20
p-Chlorotoluene	100		88		70-130	13		20
1,2-Dibromo-3-chloropropane	93		87		41-144	7		20
Hexachlorobutadiene	85		74		63-130	14		20
Isopropylbenzene	100		90		70-130	11		20
p-Isopropyltoluene	100		85		70-130	16		20
Naphthalene	93		85		70-130	9		20
n-Propylbenzene	100		86		69-130	15		20
1,2,3-Trichlorobenzene	89		83		70-130	7		20
1,2,4-Trichlorobenzene	95		83		70-130	13		20
1,3,5-Trimethylbenzene	96		81		64-130	17		20
1,2,4-Trimethylbenzene	97		82		70-130	17		20
1,4-Dioxane	**174**	Q	160		56-162	8		20
p-Diethylbenzene	95		80		70-130	17		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2029714-3 WG2029714-4								
p-Ethyltoluene	100		88		70-130	13		20
1,2,4,5-Tetramethylbenzene	91		76		70-130	18		20
Ethyl ether	**140**	Q	130		59-134	7		20
trans-1,4-Dichloro-2-butene	78		70		70-130	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		105		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	91		88		70-130
Dibromofluoromethane	107		106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 38 Batch: WG2029868-3 WG2029868-4								
Methylene chloride	88		84		70-130	5		30
1,1-Dichloroethane	92		85		70-130	8		30
Chloroform	98		86		70-130	13		30
Carbon tetrachloride	88		84		70-130	5		30
1,2-Dichloropropane	99		94		70-130	5		30
Dibromochloromethane	95		91		70-130	4		30
1,1,2-Trichloroethane	105		98		70-130	7		30
Tetrachloroethene	88		82		70-130	7		30
Chlorobenzene	93		88		70-130	6		30
Trichlorofluoromethane	84		77		70-139	9		30
1,2-Dichloroethane	101		96		70-130	5		30
1,1,1-Trichloroethane	92		87		70-130	6		30
Bromodichloromethane	104		99		70-130	5		30
trans-1,3-Dichloropropene	104		99		70-130	5		30
cis-1,3-Dichloropropene	105		100		70-130	5		30
1,1-Dichloropropene	96		89		70-130	8		30
Bromoform	101		97		70-130	4		30
1,1,2,2-Tetrachloroethane	91		91		70-130	0		30
Benzene	95		90		70-130	5		30
Toluene	90		84		70-130	7		30
Ethylbenzene	91		86		70-130	6		30
Chloromethane	72		67		52-130	7		30
Bromomethane	96		86		57-147	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 38 Batch: WG2029868-3 WG2029868-4								
Vinyl chloride	78		74		67-130	5		30
Chloroethane	94		86		50-151	9		30
1,1-Dichloroethene	84		81		65-135	4		30
trans-1,2-Dichloroethene	87		83		70-130	5		30
Trichloroethene	101		92		70-130	9		30
1,2-Dichlorobenzene	93		88		70-130	6		30
1,3-Dichlorobenzene	90		84		70-130	7		30
1,4-Dichlorobenzene	90		86		70-130	5		30
Methyl tert butyl ether	104		98		66-130	6		30
p/m-Xylene	92		87		70-130	6		30
o-Xylene	95		89		70-130	7		30
cis-1,2-Dichloroethene	90		85		70-130	6		30
Dibromomethane	97		92		70-130	5		30
Styrene	98		93		70-130	5		30
Dichlorodifluoromethane	54		50		30-146	8		30
Acetone	63		56		54-140	12		30
Carbon disulfide	84		78		59-130	7		30
2-Butanone	90		82		70-130	9		30
Vinyl acetate	**67**	Q	78		70-130	15		30
4-Methyl-2-pentanone	90		85		70-130	6		30
1,2,3-Trichloropropane	94		90		68-130	4		30
2-Hexanone	88		84		70-130	5		30
Bromochloromethane	98		92		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 38 Batch: WG2029868-3 WG2029868-4								
2,2-Dichloropropane	90		84		70-130	7		30
1,2-Dibromoethane	106		100		70-130	6		30
1,3-Dichloropropane	102		97		69-130	5		30
1,1,1,2-Tetrachloroethane	106		101		70-130	5		30
Bromobenzene	93		89		70-130	4		30
n-Butylbenzene	89		84		70-130	6		30
sec-Butylbenzene	88		83		70-130	6		30
tert-Butylbenzene	88		83		70-130	6		30
o-Chlorotoluene	89		85		70-130	5		30
p-Chlorotoluene	91		86		70-130	6		30
1,2-Dibromo-3-chloropropane	90		88		68-130	2		30
Hexachlorobutadiene	79		75		67-130	5		30
Isopropylbenzene	88		84		70-130	5		30
p-Isopropyltoluene	88		82		70-130	7		30
Naphthalene	94		92		70-130	2		30
Acrylonitrile	85		80		70-130	6		30
n-Propylbenzene	90		86		70-130	5		30
1,2,3-Trichlorobenzene	95		91		70-130	4		30
1,2,4-Trichlorobenzene	93		88		70-130	6		30
1,3,5-Trimethylbenzene	90		86		70-130	5		30
1,2,4-Trimethylbenzene	92		87		70-130	6		30
1,4-Dioxane	104		95		65-136	9		30
p-Diethylbenzene	88		84		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 38 Batch: WG2029868-3 WG2029868-4								
p-Ethyltoluene	89		84		70-130	6		30
1,2,4,5-Tetramethylbenzene	100		95		70-130	5		30
Ethyl ether	108		101		67-130	7		30
trans-1,4-Dichloro-2-butene	95		90		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		103		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	96		98		70-130
Dibromofluoromethane	96		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG2029874-3 WG2029874-4								
Methylene chloride	83		82		70-130	1		30
1,1-Dichloroethane	84		83		70-130	1		30
Chloroform	90		88		70-130	2		30
Carbon tetrachloride	87		86		70-130	1		30
1,2-Dichloropropane	82		82		70-130	0		30
Dibromochloromethane	85		85		70-130	0		30
1,1,2-Trichloroethane	90		89		70-130	1		30
Tetrachloroethene	108		106		70-130	2		30
Chlorobenzene	93		92		70-130	1		30
Trichlorofluoromethane	89		101		70-139	13		30
1,2-Dichloroethane	83		83		70-130	0		30
1,1,1-Trichloroethane	86		86		70-130	0		30
Bromodichloromethane	83		84		70-130	1		30
trans-1,3-Dichloropropene	89		88		70-130	1		30
cis-1,3-Dichloropropene	88		88		70-130	0		30
1,1-Dichloropropene	89		88		70-130	1		30
Bromoform	98		98		70-130	0		30
1,1,2,2-Tetrachloroethane	89		88		70-130	1		30
Benzene	87		86		70-130	1		30
Toluene	88		88		70-130	0		30
Ethylbenzene	93		91		70-130	2		30
Chloromethane	52		**51**	Q	52-130	2		30
Bromomethane	116		109		57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG2029874-3 WG2029874-4								
Vinyl chloride	71		68		67-130	4		30
Chloroethane	98		94		50-151	4		30
1,1-Dichloroethene	86		85		65-135	1		30
trans-1,2-Dichloroethene	90		89		70-130	1		30
Trichloroethene	95		95		70-130	0		30
1,2-Dichlorobenzene	97		97		70-130	0		30
1,3-Dichlorobenzene	102		100		70-130	2		30
1,4-Dichlorobenzene	98		98		70-130	0		30
Methyl tert butyl ether	86		85		66-130	1		30
p/m-Xylene	94		93		70-130	1		30
o-Xylene	92		92		70-130	0		30
cis-1,2-Dichloroethene	88		88		70-130	0		30
Dibromomethane	85		85		70-130	0		30
Styrene	94		94		70-130	0		30
Dichlorodifluoromethane	**25**	Q	**24**	Q	30-146	4		30
Acetone	57		64		54-140	12		30
Carbon disulfide	85		83		59-130	2		30
2-Butanone	88		76		70-130	15		30
Vinyl acetate	98		95		70-130	3		30
4-Methyl-2-pentanone	82		82		70-130	0		30
1,2,3-Trichloropropane	89		88		68-130	1		30
2-Hexanone	87		89		70-130	2		30
Bromochloromethane	89		89		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG2029874-3 WG2029874-4								
2,2-Dichloropropane	83		83		70-130	0		30
1,2-Dibromoethane	95		95		70-130	0		30
1,3-Dichloropropane	90		90		69-130	0		30
1,1,1,2-Tetrachloroethane	90		90		70-130	0		30
Bromobenzene	104		104		70-130	0		30
n-Butylbenzene	105		106		70-130	1		30
sec-Butylbenzene	96		94		70-130	2		30
tert-Butylbenzene	93		91		70-130	2		30
o-Chlorotoluene	98		96		70-130	2		30
p-Chlorotoluene	99		98		70-130	1		30
1,2-Dibromo-3-chloropropane	94		96		68-130	2		30
Hexachlorobutadiene	127		126		67-130	1		30
Isopropylbenzene	96		94		70-130	2		30
p-Isopropyltoluene	97		96		70-130	1		30
Naphthalene	103		106		70-130	3		30
Acrylonitrile	81		87		70-130	7		30
n-Propylbenzene	98		96		70-130	2		30
1,2,3-Trichlorobenzene	115		117		70-130	2		30
1,2,4-Trichlorobenzene	122		123		70-130	1		30
1,3,5-Trimethylbenzene	94		93		70-130	1		30
1,2,4-Trimethylbenzene	94		92		70-130	2		30
1,4-Dioxane	113		111		65-136	2		30
p-Diethylbenzene	100		99		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG2029874-3 WG2029874-4								
p-Ethyltoluene	100		99		70-130	1		30
1,2,4,5-Tetramethylbenzene	107		108		70-130	1		30
Ethyl ether	86		84		67-130	2		30
trans-1,4-Dichloro-2-butene	83		82		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	84		84		70-130
Toluene-d8	91		91		70-130
4-Bromofluorobenzene	89		89		70-130
Dibromofluoromethane	92		92		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG2029983-3 WG2029983-4								
Methylene chloride	90		82		70-130	9		30
1,1-Dichloroethane	96		95		70-130	1		30
Chloroform	101		94		70-130	7		30
Carbon tetrachloride	92		93		70-130	1		30
1,2-Dichloropropane	101		102		70-130	1		30
Dibromochloromethane	93		95		70-130	2		30
1,1,2-Trichloroethane	106		105		70-130	1		30
Tetrachloroethene	99		98		70-130	1		30
Chlorobenzene	98		97		70-130	1		30
Trichlorofluoromethane	87		84		70-139	4		30
1,2-Dichloroethane	100		102		70-130	2		30
1,1,1-Trichloroethane	100		98		70-130	2		30
Bromodichloromethane	101		106		70-130	5		30
trans-1,3-Dichloropropene	108		108		70-130	0		30
cis-1,3-Dichloropropene	105		108		70-130	3		30
1,1-Dichloropropene	102		101		70-130	1		30
Bromoform	98		100		70-130	2		30
1,1,2,2-Tetrachloroethane	101		102		70-130	1		30
Benzene	102		100		70-130	2		30
Toluene	98		96		70-130	2		30
Ethylbenzene	99		98		70-130	1		30
Chloromethane	54		**51**	Q	52-130	6		30
Bromomethane	87		87		57-147	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG2029983-3 WG2029983-4								
Vinyl chloride	68		**66**	Q	67-130	3		30
Chloroethane	90		90		50-151	0		30
1,1-Dichloroethene	92		90		65-135	2		30
trans-1,2-Dichloroethene	94		87		70-130	8		30
Trichloroethene	98		99		70-130	1		30
1,2-Dichlorobenzene	98		96		70-130	2		30
1,3-Dichlorobenzene	99		98		70-130	1		30
1,4-Dichlorobenzene	99		98		70-130	1		30
Methyl tert butyl ether	100		103		66-130	3		30
p/m-Xylene	100		99		70-130	1		30
o-Xylene	101		101		70-130	0		30
cis-1,2-Dichloroethene	94		93		70-130	1		30
Dibromomethane	92		96		70-130	4		30
Styrene	102		103		70-130	1		30
Dichlorodifluoromethane	**22**	Q	**22**	Q	30-146	0		30
Acetone	**53**	Q	58		54-140	9		30
Carbon disulfide	88		83		59-130	6		30
2-Butanone	78		80		70-130	3		30
Vinyl acetate	100		100		70-130	0		30
4-Methyl-2-pentanone	87		89		70-130	2		30
1,2,3-Trichloropropane	95		94		68-130	1		30
2-Hexanone	82		86		70-130	5		30
Bromochloromethane	96		95		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG2029983-3 WG2029983-4								
2,2-Dichloropropane	100		98		70-130	2		30
1,2-Dibromoethane	106		107		70-130	1		30
1,3-Dichloropropane	104		103		69-130	1		30
1,1,1,2-Tetrachloroethane	109		108		70-130	1		30
Bromobenzene	98		99		70-130	1		30
n-Butylbenzene	104		100		70-130	4		30
sec-Butylbenzene	101		99		70-130	2		30
tert-Butylbenzene	99		97		70-130	2		30
o-Chlorotoluene	100		100		70-130	0		30
p-Chlorotoluene	103		100		70-130	3		30
1,2-Dibromo-3-chloropropane	83		90		68-130	8		30
Hexachlorobutadiene	89		91		67-130	2		30
Isopropylbenzene	101		98		70-130	3		30
p-Isopropyltoluene	101		99		70-130	2		30
Naphthalene	96		99		70-130	3		30
Acrylonitrile	79		82		70-130	4		30
n-Propylbenzene	103		101		70-130	2		30
1,2,3-Trichlorobenzene	100		103		70-130	3		30
1,2,4-Trichlorobenzene	104		105		70-130	1		30
1,3,5-Trimethylbenzene	103		101		70-130	2		30
1,2,4-Trimethylbenzene	104		102		70-130	2		30
1,4-Dioxane	84		90		65-136	7		30
p-Diethylbenzene	103		100		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG2029983-3 WG2029983-4								
p-Ethyltoluene	102		100		70-130	2		30
1,2,4,5-Tetramethylbenzene	112		113		70-130	1		30
Ethyl ether	103		103		67-130	0		30
trans-1,4-Dichloro-2-butene	95		97		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		98		70-130
Toluene-d8	99		97		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	94		95		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-01
Client ID: TEI-SB-04-1-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 08:40
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 12:36
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 19:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	120		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	78	J	ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-01 Date Collected: 02/06/25 08:40

Client ID: TEI-SB-04-1-3 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	59	J	ug/kg	120	22.	1
Benzo(a)pyrene	56	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	66	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	66	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	37	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	69	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	33	J	ug/kg	160	28.	1
Pyrene	100	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-01 Date Collected: 02/06/25 08:40

Client ID: TEI-SB-04-1-3 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	109		25-120
Phenol-d6	108		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	91		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-03
Client ID: TEI-SB-01-8-8.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 09:30
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 13:48
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 19:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	27	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	75	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	100	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	180	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-03 Date Collected: 02/06/25 09:30

Client ID: TEI-SB-01-8-8.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	41	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	42	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	48	J	ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	57	J	ug/kg	190	18.	1
Phenanthrene	230		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	100	J	ug/kg	110	19.	1
Biphenyl	29	J	ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	680		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-03 Date Collected: 02/06/25 09:30

Client ID: TEI-SB-01-8-8.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	104		25-120
Phenol-d6	106		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	111		10-136
4-Terphenyl-d14	96		18-120

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-08
Client ID: FB-250206
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 10:00
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 02/08/25 13:48
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/08/25 06:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.40	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Hexachlorobenzene	ND		ug/l	2.0	0.45	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
2-Chloronaphthalene	ND		ug/l	2.0	0.35	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
Fluoranthene	ND		ug/l	2.0	0.41	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorobutadiene	ND		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Hexachloroethane	ND		ug/l	2.0	0.20	1
Isophorone	ND		ug/l	5.0	0.86	1
Naphthalene	ND		ug/l	2.0	0.54	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-08 Date Collected: 02/06/25 10:00

Client ID: FB-250206 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.37	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62	1
Chrysene	ND		ug/l	2.0	0.22	1
Acenaphthylene	ND		ug/l	2.0	0.32	1
Anthracene	ND		ug/l	2.0	0.47	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.37	1
Fluorene	ND		ug/l	2.0	0.44	1
Phenanthrene	ND		ug/l	2.0	0.42	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48	1
Pyrene	ND		ug/l	2.0	0.41	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
2-Methylnaphthalene	ND		ug/l	2.0	0.37	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Pentachlorophenol	ND		ug/l	10	2.5	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-08 Date Collected: 02/06/25 10:00

Client ID: FB-250206 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	91		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-09
Client ID: TS-01R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 10:35
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 14:12
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 19:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	120		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	80	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-09 Date Collected: 02/06/25 10:35

Client ID: TS-01R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	78	J	ug/kg	110	22.	1
Benzo(a)pyrene	79	J	ug/kg	150	47.	1
Benzo(b)fluoranthene	110		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	83	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	51	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	54	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	51	J	ug/kg	150	27.	1
Pyrene	110		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-09 Date Collected: 02/06/25 10:35

Client ID: TS-01R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	120		25-120
Phenol-d6	**122**	Q	10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	118		10-136
4-Terphenyl-d14	90		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-10
Client ID: TS-01R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 10:25
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 14:36
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 19:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	25	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	75	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-10 Date Collected: 02/06/25 10:25

Client ID: TS-01R-1-1.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	22	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-10 Date Collected: 02/06/25 10:25

Client ID: TS-01R-1-1.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	113		25-120
Phenol-d6	115		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	111		10-136
4-Terphenyl-d14	92		18-120

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-11
Client ID: DUP-07
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 10:30
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 14:10
Analyst: IMK
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 22:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	34	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	42	J	ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-11 Date Collected: 02/06/25 10:30

Client ID: DUP-07 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	26	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	21	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	29	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-11 Date Collected: 02/06/25 10:30

Client ID: DUP-07 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	54		18-120

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-17
Client ID: TS-02R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 11:05
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 15:00
Analyst: JG
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 19:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	39.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	33	J	ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	76.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	47	J	ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	75.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-17 Date Collected: 02/06/25 11:05

Client ID: TS-02R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	30	J	ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	28.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	91.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	83.	1
4-Nitrophenol	ND		ug/kg	310	90.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	100	1
Pentachlorophenol	ND		ug/kg	180	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	34.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-17 Date Collected: 02/06/25 11:05

Client ID: TS-02R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	710	220	1
Benzyl Alcohol	ND		ug/kg	220	67.	1
Carbazole	ND		ug/kg	220	21.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	70		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-18
Client ID: TS-02R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 11:15
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 15:24
Analyst: JG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 19:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	28	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	58	J	ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-18 Date Collected: 02/06/25 11:15

Client ID: TS-02R-1-1.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	24	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-18 Date Collected: 02/06/25 11:15

Client ID: TS-02R-1-1.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	31	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	114		25-120
Phenol-d6	109		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	108		10-136
4-Terphenyl-d14	86		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-25
Client ID: TS-07R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 11:50
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 15:48
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 19:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	74	J	ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-25 Date Collected: 02/06/25 11:50

Client ID: TS-07R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	19	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-25 Date Collected: 02/06/25 11:50

Client ID: TS-07R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	110		25-120
Phenol-d6	108		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	95		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-26
Client ID: TS-07R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 12:00
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/11/25 16:12
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 19:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	29	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	39	J	ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-26 Date Collected: 02/06/25 12:00

Client ID: TS-07R-1-1.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	21	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	25	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-26 Date Collected: 02/06/25 12:00

Client ID: TS-07R-1-1.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	119		25-120
Phenol-d6	120		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	115		10-136
4-Terphenyl-d14	90		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-32
Client ID: TS-06R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 12:50
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/12/25 08:58
Analyst: SMZ
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 19:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1400		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	39	J	ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	55.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	11000	E	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	1200		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	83	J	ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-32 Date Collected: 02/06/25 12:50

Client ID: TS-06R-0-1.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	5300		ug/kg	120	23.	1
Benzo(a)pyrene	5900		ug/kg	160	50.	1
Benzo(b)fluoranthene	6200		ug/kg	120	35.	1
Benzo(k)fluoranthene	2500		ug/kg	120	33.	1
Chrysene	4700		ug/kg	120	21.	1
Acenaphthylene	350		ug/kg	160	32.	1
Anthracene	3000		ug/kg	120	40.	1
Benzo(ghi)perylene	2500		ug/kg	160	24.	1
Fluorene	1600		ug/kg	200	20.	1
Phenanthrene	9400	E	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	640		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	2100		ug/kg	160	29.	1
Pyrene	9500	E	ug/kg	120	20.	1
Biphenyl	130	J	ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	780		ug/kg	200	19.	1
2-Methylnaphthalene	440		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	31.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	62	J	ug/kg	300	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-32 Date Collected: 02/06/25 12:50

Client ID: TS-06R-0-1.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	200	63.	1
Carbazole	1100		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	31	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	114		25-120
Phenol-d6	115		10-120
Nitrobenzene-d5	115		23-120
2-Fluorobiphenyl	110		30-120
2,4,6-Tribromophenol	135		10-136
4-Terphenyl-d14	91		18-120

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-32 D
Client ID: TS-06R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 12:50
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/12/25 18:31
Analyst: MRG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 19:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	8200		ug/kg	620	120	5
Phenanthrene	6500		ug/kg	620	120	5
Pyrene	6700		ug/kg	620	100	5

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-33
Client ID: TS-06R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 12:55
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/12/25 18:56
Analyst: MRG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 19:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	90	J	ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	590		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-33 Date Collected: 02/06/25 12:55

Client ID: TS-06R-1.5-2 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	250		ug/kg	120	22.	1
Benzo(a)pyrene	220		ug/kg	160	48.	1
Benzo(b)fluoranthene	280		ug/kg	120	33.	1
Benzo(k)fluoranthene	94	J	ug/kg	120	32.	1
Chrysene	240		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	140		ug/kg	120	39.	1
Benzo(ghi)perylene	140	J	ug/kg	160	23.	1
Fluorene	72	J	ug/kg	200	19.	1
Phenanthrene	480		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	34	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	160	28.	1
Pyrene	480		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	42	J	ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-33 Date Collected: 02/06/25 12:55

Client ID: TS-06R-1.5-2 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	65	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	118		25-120
Phenol-d6	112		10-120
Nitrobenzene-d5	113		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	77		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-38 D
Client ID: TS-08R-0-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 13:45
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/13/25 12:16
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 19:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3500		ug/kg	1500	200	10
1,2,4-Trichlorobenzene	ND		ug/kg	1900	220	10
Hexachlorobenzene	ND		ug/kg	1100	210	10
Bis(2-chloroethyl)ether	ND		ug/kg	1700	260	10
2-Chloronaphthalene	ND		ug/kg	1900	190	10
1,2-Dichlorobenzene	ND		ug/kg	1900	340	10
1,3-Dichlorobenzene	ND		ug/kg	1900	320	10
1,4-Dichlorobenzene	ND		ug/kg	1900	330	10
3,3'-Dichlorobenzidine	ND		ug/kg	1900	500	10
2,4-Dinitrotoluene	ND		ug/kg	1900	380	10
2,6-Dinitrotoluene	ND		ug/kg	1900	320	10
Fluoranthene	33000		ug/kg	1100	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1900	200	10
4-Bromophenyl phenyl ether	ND		ug/kg	1900	290	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2300	320	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2000	190	10
Hexachlorobutadiene	ND		ug/kg	1900	280	10
Hexachlorocyclopentadiene	ND		ug/kg	5400	1700	10
Hexachloroethane	ND		ug/kg	1500	300	10
Isophorone	ND		ug/kg	1700	240	10
Naphthalene	5600		ug/kg	1900	230	10
Nitrobenzene	ND		ug/kg	1700	280	10
NDPA/DPA	ND		ug/kg	1500	210	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1900	290	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1900	650	10
Butyl benzyl phthalate	ND		ug/kg	1900	470	10
Di-n-butylphthalate	ND		ug/kg	1900	360	10
Di-n-octylphthalate	ND		ug/kg	1900	640	10

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-38 D Date Collected: 02/06/25 13:45

Client ID: TS-08R-0-3.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1900	170	10
Dimethyl phthalate	ND		ug/kg	1900	400	10
Benzo(a)anthracene	15000		ug/kg	1100	210	10
Benzo(a)pyrene	14000		ug/kg	1500	460	10
Benzo(b)fluoranthene	17000		ug/kg	1100	320	10
Benzo(k)fluoranthene	5800		ug/kg	1100	300	10
Chrysene	13000		ug/kg	1100	200	10
Acenaphthylene	700	J	ug/kg	1500	290	10
Anthracene	7800		ug/kg	1100	370	10
Benzo(ghi)perylene	7800		ug/kg	1500	220	10
Fluorene	4300		ug/kg	1900	180	10
Phenanthrene	30000		ug/kg	1100	230	10
Dibenzo(a,h)anthracene	1800		ug/kg	1100	220	10
Indeno(1,2,3-cd)pyrene	7600		ug/kg	1500	260	10
Pyrene	28000		ug/kg	1100	190	10
Biphenyl	480	J	ug/kg	4300	240	10
4-Chloroaniline	ND		ug/kg	1900	340	10
2-Nitroaniline	ND		ug/kg	1900	360	10
3-Nitroaniline	ND		ug/kg	1900	360	10
4-Nitroaniline	ND		ug/kg	1900	780	10
Dibenzofuran	2700		ug/kg	1900	180	10
2-Methylnaphthalene	2100	J	ug/kg	2300	230	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1900	200	10
Acetophenone	ND		ug/kg	1900	230	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	360	10
p-Chloro-m-cresol	ND		ug/kg	1900	280	10
2-Chlorophenol	ND		ug/kg	1900	220	10
2,4-Dichlorophenol	ND		ug/kg	1700	300	10
2,4-Dimethylphenol	ND		ug/kg	1900	620	10
2-Nitrophenol	ND		ug/kg	4100	710	10
4-Nitrophenol	ND		ug/kg	2600	770	10
2,4-Dinitrophenol	ND		ug/kg	9000	880	10
4,6-Dinitro-o-cresol	ND		ug/kg	4900	900	10
Pentachlorophenol	ND		ug/kg	1500	410	10
Phenol	ND		ug/kg	1900	280	10
2-Methylphenol	ND		ug/kg	1900	290	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2700	300	10

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-38 D Date Collected: 02/06/25 13:45

Client ID: TS-08R-0-3.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1900	360	10
Benzoic Acid	ND		ug/kg	6100	1900	10
Benzyl Alcohol	ND		ug/kg	1900	580	10
Carbazole	3000		ug/kg	1900	180	10
1,4-Dioxane	ND		ug/kg	280	87.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	74		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-39
Client ID: TS-08R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 13:50
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/12/25 08:40
Analyst: SMZ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 19:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	370		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	6000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	310		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	68	J	ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-39 Date Collected: 02/06/25 13:50

Client ID: TS-08R-3.5-4 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	2600		ug/kg	110	21.	1
Benzo(a)pyrene	2600		ug/kg	150	45.	1
Benzo(b)fluoranthene	3000		ug/kg	110	31.	1
Benzo(k)fluoranthene	1000		ug/kg	110	30.	1
Chrysene	2400		ug/kg	110	19.	1
Acenaphthylene	210		ug/kg	150	29.	1
Anthracene	1200		ug/kg	110	36.	1
Benzo(ghi)perylene	2200		ug/kg	150	22.	1
Fluorene	520		ug/kg	180	18.	1
Phenanthrene	4400		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	350		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	150	26.	1
Pyrene	4900		ug/kg	110	18.	1
Biphenyl	44	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	280		ug/kg	180	18.	1
2-Methylnaphthalene	150	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-39 Date Collected: 02/06/25 13:50

Client ID: TS-08R-3.5-4 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	410		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	107		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	98		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/08/25 11:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/08/25 06:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2028057-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/08/25 11:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/08/25 06:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2028057-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/08/25 11:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/08/25 06:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2028057-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	72		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/11/25 01:38
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 02/09/25 21:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,09-10,17-18,25-26,32-33,38-39 Batch: WG2028329-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/11/25 01:38
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 02/09/25 21:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,09-10,17-18,25-26,32-33,38-39 Batch: WG2028329-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/11/25 01:38
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 02/09/25 21:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,09-10,17-18,25-26,32-33,38-39 Batch: WG2028329-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**128**	Q	25-120
Phenol-d6	**125**	Q	10-120
Nitrobenzene-d5	**128**	Q	23-120
2-Fluorobiphenyl	**138**	Q	30-120
2,4,6-Tribromophenol	132		10-136
4-Terphenyl-d14	**141**	Q	18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/11/25 14:30
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/10/25 10:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG2028501-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/11/25 14:30
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/10/25 10:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG2028501-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/11/25 14:30
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/10/25 10:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG2028501-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	88		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2028057-2 WG2028057-3								
Acenaphthene	68		48		37-111	**34**	Q	30
1,2,4-Trichlorobenzene	61		42		39-98	**37**	Q	30
Hexachlorobenzene	72		52		40-140	**32**	Q	30
Bis(2-chloroethyl)ether	74		56		40-140	28		30
2-Chloronaphthalene	65		48		40-140	30		30
1,2-Dichlorobenzene	63		47		40-140	29		30
1,3-Dichlorobenzene	62		46		40-140	30		30
1,4-Dichlorobenzene	64		46		36-97	**33**	Q	30
3,3'-Dichlorobenzidine	62		45		40-140	**32**	Q	30
2,4-Dinitrotoluene	77		56		48-143	**32**	Q	30
2,6-Dinitrotoluene	81		57		40-140	**35**	Q	30
Fluoranthene	80		55		40-140	**37**	Q	30
4-Chlorophenyl phenyl ether	70		50		40-140	**33**	Q	30
4-Bromophenyl phenyl ether	68		50		40-140	**31**	Q	30
Bis(2-chloroisopropyl)ether	70		55		40-140	24		30
Bis(2-chloroethoxy)methane	77		50		40-140	**43**	Q	30
Hexachlorobutadiene	59		**39**	Q	40-140	**41**	Q	30
Hexachlorocyclopentadiene	52		40		40-140	26		30
Hexachloroethane	53		**38**	Q	40-140	**33**	Q	30
Isophorone	68		47		40-140	**37**	Q	30
Naphthalene	66		48		40-140	**32**	Q	30
Nitrobenzene	75		50		40-140	**40**	Q	30
NDPA/DPA	71		52		40-140	**31**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2028057-2 WG2028057-3								
n-Nitrosodi-n-propylamine	73		47		29-132	**43**	Q	30
Bis(2-ethylhexyl)phthalate	64		45		40-140	**35**	Q	30
Butyl benzyl phthalate	73		50		40-140	**37**	Q	30
Di-n-butylphthalate	70		50		40-140	**33**	Q	30
Di-n-octylphthalate	65		44		40-140	**39**	Q	30
Diethyl phthalate	69		51		40-140	30		30
Dimethyl phthalate	76		55		40-140	**32**	Q	30
Benzo(a)anthracene	74		51		40-140	**37**	Q	30
Benzo(a)pyrene	86		60		40-140	**36**	Q	30
Benzo(b)fluoranthene	81		55		40-140	**38**	Q	30
Benzo(k)fluoranthene	82		55		40-140	**39**	Q	30
Chrysene	76		52		40-140	**38**	Q	30
Acenaphthylene	76		56		45-123	30		30
Anthracene	76		53		40-140	**36**	Q	30
Benzo(ghi)perylene	81		54		40-140	**40**	Q	30
Fluorene	73		52		40-140	**34**	Q	30
Phenanthrene	78		52		40-140	**40**	Q	30
Dibenzo(a,h)anthracene	82		54		40-140	**41**	Q	30
Indeno(1,2,3-cd)pyrene	78		52		40-140	**40**	Q	30
Pyrene	80		55		26-127	**37**	Q	30
Biphenyl	77		59		40-140	26		30
4-Chloroaniline	64		44		40-140	**37**	Q	30
2-Nitroaniline	76		56		52-143	30		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2028057-2 WG2028057-3								
3-Nitroaniline	75		52		25-145	**36**	Q	30
4-Nitroaniline	79		57		51-143	**32**	Q	30
Dibenzofuran	70		50		40-140	**33**	Q	30
2-Methylnaphthalene	58		43		40-140	30		30
1,2,4,5-Tetrachlorobenzene	71		52		2-134	**31**	Q	30
Acetophenone	91		64		39-129	**35**	Q	30
2,4,6-Trichlorophenol	71		53		30-130	29		30
p-Chloro-m-cresol	75		57		23-97	27		30
2-Chlorophenol	75		54		27-123	**33**	Q	30
2,4-Dichlorophenol	77		50		30-130	**43**	Q	30
2,4-Dimethylphenol	78		49		30-130	**46**	Q	30
2-Nitrophenol	78		54		30-130	**36**	Q	30
4-Nitrophenol	46		38		10-80	19		30
2,4-Dinitrophenol	64		39		20-130	**49**	Q	30
4,6-Dinitro-o-cresol	78		56		20-164	**33**	Q	30
Pentachlorophenol	82		58		9-103	**34**	Q	30
Phenol	42		34		12-110	21		30
2-Methylphenol	67		52		30-130	25		30
3-Methylphenol/4-Methylphenol	64		45		30-130	**35**	Q	30
2,4,5-Trichlorophenol	76		58		30-130	27		30
Benzoic Acid	27		22		10-164	20		30
Benzyl Alcohol	66		53		26-116	22		30
Carbazole	78		55		55-144	**35**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2028057-2 WG2028057-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		39		21-120
Phenol-d6	36		30		10-120
Nitrobenzene-d5	74		50		23-120
2-Fluorobiphenyl	63		47		15-120
2,4,6-Tribromophenol	71		52		10-120
4-Terphenyl-d14	75		52		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,09-10,17-18,25-26,32-33,38-39 Batch: WG2028329-2 WG2028329-3								
Acenaphthene	94		79		31-137	17		50
1,2,4-Trichlorobenzene	87		73		38-107	18		50
Hexachlorobenzene	99		83		40-140	18		50
Bis(2-chloroethyl)ether	87		73		40-140	18		50
2-Chloronaphthalene	92		78		40-140	16		50
1,2-Dichlorobenzene	84		72		40-140	15		50
1,3-Dichlorobenzene	85		70		40-140	19		50
1,4-Dichlorobenzene	84		71		28-104	17		50
3,3'-Dichlorobenzidine	106		81		40-140	27		50
2,4-Dinitrotoluene	91		80		40-132	13		50
2,6-Dinitrotoluene	89		77		40-140	14		50
Fluoranthene	100		81		40-140	21		50
4-Chlorophenyl phenyl ether	94		80		40-140	16		50
4-Bromophenyl phenyl ether	95		80		40-140	17		50
Bis(2-chloroisopropyl)ether	86		71		40-140	19		50
Bis(2-chloroethoxy)methane	91		78		40-117	15		50
Hexachlorobutadiene	87		72		40-140	19		50
Hexachlorocyclopentadiene	40		54		40-140	30		50
Hexachloroethane	78		68		40-140	14		50
Isophorone	87		74		40-140	16		50
Naphthalene	91		76		40-140	18		50
Nitrobenzene	88		75		40-140	16		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,09-10,17-18,25-26,32-33,38-39 Batch: WG2028329-2 WG2028329-3								
NDPA/DPA	96		80		36-157	18		50
n-Nitrosodi-n-propylamine	87		74		32-121	16		50
Bis(2-ethylhexyl)phthalate	101		82		40-140	21		50
Butyl benzyl phthalate	102		84		40-140	19		50
Di-n-butylphthalate	100		81		40-140	21		50
Di-n-octylphthalate	101		83		40-140	20		50
Diethyl phthalate	94		80		40-140	16		50
Dimethyl phthalate	91		77		40-140	17		50
Benzo(a)anthracene	94		77		40-140	20		50
Benzo(a)pyrene	101		84		40-140	18		50
Benzo(b)fluoranthene	97		82		40-140	17		50
Benzo(k)fluoranthene	99		80		40-140	21		50
Chrysene	93		76		40-140	20		50
Acenaphthylene	101		84		40-140	18		50
Anthracene	100		81		40-140	21		50
Benzo(ghi)perylene	101		84		40-140	18		50
Fluorene	98		81		40-140	19		50
Phenanthrene	99		78		40-140	24		50
Dibenzo(a,h)anthracene	101		84		40-140	18		50
Indeno(1,2,3-cd)pyrene	100		82		40-140	20		50
Pyrene	99		81		35-142	20		50
Biphenyl	93		79		37-127	16		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,09-10,17-18,25-26,32-33,38-39 Batch: WG2028329-2 WG2028329-3								
4-Chloroaniline	87		67		40-140	26		50
2-Nitroaniline	102		84		47-134	19		50
3-Nitroaniline	98		72		26-129	31		50
4-Nitroaniline	101		78		41-125	26		50
Dibenzofuran	95		79		40-140	18		50
2-Methylnaphthalene	82		70		40-140	16		50
1,2,4,5-Tetrachlorobenzene	92		78		40-117	16		50
Acetophenone	94		79		14-144	17		50
2,4,6-Trichlorophenol	91		76		30-130	18		50
p-Chloro-m-cresol	97		82		26-103	17		50
2-Chlorophenol	93		78		25-102	18		50
2,4-Dichlorophenol	93		82		30-130	13		50
2,4-Dimethylphenol	107		91		30-130	16		50
2-Nitrophenol	79		76		30-130	4		50
4-Nitrophenol	99		88		11-114	12		50
2,4-Dinitrophenol	12		25		4-130	**70**	Q	50
4,6-Dinitro-o-cresol	17		34		10-130	**67**	Q	50
Pentachlorophenol	94		79		17-109	17		50
Phenol	90		73		26-90	21		50
2-Methylphenol	92		80		30-130.	14		50
3-Methylphenol/4-Methylphenol	94		80		30-130	16		50
2,4,5-Trichlorophenol	101		85		30-130	17		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,09-10,17-18,25-26,32-33,38-39 Batch: WG2028329-2 WG2028329-3								
Benzoic Acid	73		76		10-110	4		50
Benzyl Alcohol	93		79		40-140	16		50
Carbazole	99		79		54-128	22		50
1,4-Dioxane	69		55		40-140	23		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	91		75		25-120
Phenol-d6	88		75		10-120
Nitrobenzene-d5	87		72		23-120
2-Fluorobiphenyl	89		74		30-120
2,4,6-Tribromophenol	98		83		10-136
4-Terphenyl-d14	97		78		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG2028501-2 WG2028501-3								
Acenaphthene	83		90		31-137	8		50
1,2,4-Trichlorobenzene	75		82		38-107	9		50
Hexachlorobenzene	74		81		40-140	9		50
Bis(2-chloroethyl)ether	81		88		40-140	8		50
2-Chloronaphthalene	71		80		40-140	12		50
1,2-Dichlorobenzene	76		85		40-140	11		50
1,3-Dichlorobenzene	76		83		40-140	9		50
1,4-Dichlorobenzene	77		85		28-104	10		50
3,3'-Dichlorobenzidine	68		77		40-140	12		50
2,4-Dinitrotoluene	106		115		40-132	8		50
2,6-Dinitrotoluene	89		102		40-140	14		50
Fluoranthene	83		92		40-140	10		50
4-Chlorophenyl phenyl ether	80		89		40-140	11		50
4-Bromophenyl phenyl ether	78		84		40-140	7		50
Bis(2-chloroisopropyl)ether	81		87		40-140	7		50
Bis(2-chloroethoxy)methane	84		94		40-117	11		50
Hexachlorobutadiene	69		76		40-140	10		50
Hexachlorocyclopentadiene	96		105		40-140	9		50
Hexachloroethane	79		89		40-140	12		50
Isophorone	82		92		40-140	11		50
Naphthalene	78		88		40-140	12		50
Nitrobenzene	87		98		40-140	12		50
NDPA/DPA	84		91		36-157	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG2028501-2 WG2028501-3								
n-Nitrosodi-n-propylamine	82		91		32-121	10		50
Bis(2-ethylhexyl)phthalate	120		133		40-140	10		50
Butyl benzyl phthalate	105		117		40-140	11		50
Di-n-butylphthalate	102		115		40-140	12		50
Di-n-octylphthalate	119		132		40-140	10		50
Diethyl phthalate	88		96		40-140	9		50
Dimethyl phthalate	76		86		40-140	12		50
Benzo(a)anthracene	89		99		40-140	11		50
Benzo(a)pyrene	96		108		40-140	12		50
Benzo(b)fluoranthene	90		103		40-140	13		50
Benzo(k)fluoranthene	91		102		40-140	11		50
Chrysene	88		101		40-140	14		50
Acenaphthylene	82		91		40-140	10		50
Anthracene	85		96		40-140	12		50
Benzo(ghi)perylene	92		103		40-140	11		50
Fluorene	84		93		40-140	10		50
Phenanthrene	82		92		40-140	11		50
Dibenzo(a,h)anthracene	88		98		40-140	11		50
Indeno(1,2,3-cd)pyrene	90		102		40-140	13		50
Pyrene	82		90		35-142	9		50
Biphenyl	77		86		37-127	11		50
4-Chloroaniline	59		69		40-140	16		50
2-Nitroaniline	103		116		47-134	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG2028501-2 WG2028501-3								
3-Nitroaniline	66		72		26-129	9		50
4-Nitroaniline	99		108		41-125	9		50
Dibenzofuran	82		89		40-140	8		50
2-Methylnaphthalene	72		79		40-140	9		50
1,2,4,5-Tetrachlorobenzene	71		78		40-117	9		50
Acetophenone	89		98		14-144	10		50
2,4,6-Trichlorophenol	82		93		30-130	13		50
p-Chloro-m-cresol	90		101		26-103	12		50
2-Chlorophenol	92		101		25-102	9		50
2,4-Dichlorophenol	83		94		30-130	12		50
2,4-Dimethylphenol	101		114		30-130	12		50
2-Nitrophenol	112		126		30-130	12		50
4-Nitrophenol	109		**120**	Q	11-114	10		50
2,4-Dinitrophenol	113		124		4-130	9		50
4,6-Dinitro-o-cresol	119		**131**	Q	10-130	10		50
Pentachlorophenol	84		92		17-109	9		50
Phenol	87		**96**	Q	26-90	10		50
2-Methylphenol	89		101		30-130.	13		50
3-Methylphenol/4-Methylphenol	91		102		30-130	11		50
2,4,5-Trichlorophenol	84		94		30-130	11		50
Benzoic Acid	**116**	Q	**131**	Q	10-110	12		50
Benzyl Alcohol	91		102		40-140	11		50
Carbazole	88		100		54-128	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG2028501-2 WG2028501-3								
1,4-Dioxane	67		72		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	95		104		25-120
Phenol-d6	90		99		10-120
Nitrobenzene-d5	90		100		23-120
2-Fluorobiphenyl	73		80		30-120
2,4,6-Tribromophenol	77		87		10-136
4-Terphenyl-d14	83		93		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,09-10,17-18,25-26,32-33,38-39 QC Batch ID: WG2028329-6
WG2028329-7 QC Sample: L2506645-26 Client ID: TS-07R-1-1.5

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Acenaphthene	ND	1580	1600	100		1600	100		31-137	0		50
1,2,4-Trichlorobenzene	ND	1580	1600	100		1500	95		38-107	6		50
Hexachlorobenzene	ND	1580	1600	100		1500	95		40-140	6		50
Bis(2-chloroethyl)ether	ND	1580	1600	100		1500	95		40-140	6		50
2-Chloronaphthalene	ND	1580	1600	100		1500	95		40-140	6		50
1,2-Dichlorobenzene	ND	1580	1600	100		1600	100		40-140	0		50
1,3-Dichlorobenzene	ND	1580	1600	100		1500	95		40-140	6		50
1,4-Dichlorobenzene	ND	1580	1600	100		1500	95		28-104	6		50
3,3'-Dichlorobenzidine	ND	1580	1600	100		1600	100		40-140	0		50
2,4-Dinitrotoluene	ND	1580	1500	95		1400	89		40-132	7		50
2,6-Dinitrotoluene	ND	1580	1400	88		1400	89		40-140	0		50
Fluoranthene	29J	1580	1600	100		1600	100		40-140	0		50
4-Chlorophenyl phenyl ether	ND	1580	1500	95		1400	89		40-140	7		50
4-Bromophenyl phenyl ether	ND	1580	1500	95		1400	89		40-140	7		50
Bis(2-chloroisopropyl)ether	ND	1580	1500	95		1400	89		40-140	7		50
Bis(2-chloroethoxy)methane	ND	1580	1800	110		1700	110		40-117	6		50
Hexachlorobutadiene	ND	1580	1100	69		1100	70		40-140	0		50
Hexachlorocyclopentadiene	ND	1580	200J	**13**	Q	200J	**13**	Q	40-140	0		50
Hexachloroethane	ND	1580	1200	76		1200	76		40-140	0		50
Isophorone	ND	1580	1600	100		1500	95		40-140	6		50
Naphthalene	ND	1580	1600	100		1600	100		40-140	0		50
Nitrobenzene	ND	1580	1500	95		1400	89		40-140	7		50
NDPA/DPA	ND	1580	1600	100		1600	100		36-157	0		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,09-10,17-18,25-26,32-33,38-39 QC Batch ID: WG2028329-6 WG2028329-7 QC Sample: L2506645-26 Client ID: TS-07R-1-1.5												
n-Nitrosodi-n-propylamine	ND	1580	1500	95		1400	89		32-121	7		50
Bis(2-ethylhexyl)phthalate	ND	1580	2100	130		2000	130		40-140	5		50
Butyl benzyl phthalate	ND	1580	1900	120		1900	120		40-140	0		50
Di-n-butylphthalate	39J	1580	1800	110		1800	110		40-140	0		50
Di-n-octylphthalate	ND	1580	2100	130		2100	130		40-140	0		50
Diethyl phthalate	ND	1580	1700	110		1600	100		40-140	6		50
Dimethyl phthalate	ND	1580	1600	100		1500	95		40-140	6		50
Benzo(a)anthracene	ND	1580	1500	95		1500	95		40-140	0		50
Benzo(a)pyrene	ND	1580	1600	100		1600	100		40-140	0		50
Benzo(b)fluoranthene	ND	1580	1600	100		1500	95		40-140	6		50
Benzo(k)fluoranthene	ND	1580	1400	88		1500	95		40-140	7		50
Chrysene	21J	1580	1500	95		1500	95		40-140	0		50
Acenaphthylene	ND	1580	1800	110		1700	110		40-140	6		50
Anthracene	ND	1580	1600	100		1500	95		40-140	6		50
Benzo(ghi)perylene	ND	1580	1400	88		1400	89		40-140	0		50
Fluorene	ND	1580	1700	110		1600	100		40-140	6		50
Phenanthrene	ND	1580	1500	95		1500	95		40-140	0		50
Dibenzo(a,h)anthracene	ND	1580	1400	88		1400	89		40-140	0		50
Indeno(1,2,3-cd)pyrene	ND	1580	1500	95		1400	89		40-140	7		50
Pyrene	25J	1580	1600	100		1500	95		35-142	6		50
Biphenyl	ND	1580	1600	100		1500	95		37-127	6		50
4-Chloroaniline	ND	1580	570	**36**	Q	870	55		40-140	42		50
2-Nitroaniline	ND	1580	2300	**150**	Q	2200	**140**	Q	47-134	4		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,09-10,17-18,25-26,32-33,38-39 QC Batch ID: WG2028329-6 WG2028329-7 QC Sample: L2506645-26 Client ID: TS-07R-1-1.5												
3-Nitroaniline	ND	1580	2400	**150**	Q	2200	**140**	Q	26-129	9		50
4-Nitroaniline	ND	1580	2500	**160**	Q	2300	**150**	Q	41-125	8		50
Dibenzofuran	ND	1580	1600	100		1500	95		40-140	6		50
2-Methylnaphthalene	ND	1580	1400	88		1400	89		40-140	0		50
1,2,4,5-Tetrachlorobenzene	ND	1580	1400	88		1300	82		40-117	7		50
Acetophenone	ND	1580	1900	120		1800	110		14-144	5		50
2,4,6-Trichlorophenol	ND	1580	1600	100		1600	100		30-130	0		50
p-Chloro-m-cresol	ND	1580	1800	**110**	Q	1700	**110**	Q	26-103	6		50
2-Chlorophenol	ND	1580	2000	**130**	Q	1900	**120**	Q	25-102	5		50
2,4-Dichlorophenol	ND	1580	1900	120		1800	110		30-130	5		50
2,4-Dimethylphenol	ND	1580	1800	110		1700	110		30-130	6		50
2-Nitrophenol	ND	1580	1400	88		1400	89		30-130	0		50
4-Nitrophenol	ND	1580	1700	110		1500	95		11-114	13		50
2,4-Dinitrophenol	ND	1580	180J	11		210J	13		4-130	15		50
4,6-Dinitro-o-cresol	ND	1580	170J	11		200J	13		10-130	16		50
Pentachlorophenol	ND	1580	1600	100		1400	89		17-109	13		50
Phenol	ND	1580	1600	**100**	Q	1600	**100**	Q	26-90	0		50
2-Methylphenol	ND	1580	1800	110		1800	110		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1580	1800	110		1800	110		30-130	0		50
2,4,5-Trichlorophenol	ND	1580	1800	110		1700	110		30-130	6		50
Benzoic Acid	ND	1580	380J	24		390J	25		10-110	3		50
Benzyl Alcohol	ND	1580	1500	95		1400	89		40-140	7		50
Carbazole	ND	1580	1800	110		1700	110		54-128	6		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001

Lab Number: L2506645

Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,09-10,17-18,25-26,32-33,38-39 QC Batch ID: WG2028329-6 WG2028329-7 QC Sample: L2506645-26 Client ID: TS-07R-1-1.5												
1,4-Dioxane	ND	1580	880	56		920	58		40-140	4		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	111		113		10-136
2-Fluorobiphenyl	80		85		30-120
2-Fluorophenol	116		116		25-120
4-Terphenyl-d14	90		94		18-120
Nitrobenzene-d5	100		99		23-120
Phenol-d6	114		115		10-120

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-08
Client ID: FB-250206
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 10:00
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 02/11/25 05:56
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 02/10/25 07:22
Cleanup Method: EPA 3665A
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-38
Client ID: TS-08R-0-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 13:45
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/11/25 14:56
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/11/25 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.5	4.75	1	A
Aroclor 1221	ND		ug/kg	53.5	5.36	1	A
Aroclor 1232	ND		ug/kg	53.5	11.3	1	A
Aroclor 1242	ND		ug/kg	53.5	7.21	1	A
Aroclor 1248	ND		ug/kg	53.5	8.03	1	A
Aroclor 1254	112		ug/kg	53.5	5.85	1	A
Aroclor 1260	126		ug/kg	53.5	9.89	1	A
Aroclor 1262	ND		ug/kg	53.5	6.80	1	A
Aroclor 1268	ND		ug/kg	53.5	5.54	1	A
PCBs, Total	238		ug/kg	53.5	4.75	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-39
Client ID: TS-08R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 13:50
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/11/25 15:20
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/11/25 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.9	4.70	1	A
Aroclor 1221	ND		ug/kg	52.9	5.30	1	A
Aroclor 1232	ND		ug/kg	52.9	11.2	1	A
Aroclor 1242	ND		ug/kg	52.9	7.14	1	A
Aroclor 1248	ND		ug/kg	52.9	7.94	1	A
Aroclor 1254	265		ug/kg	52.9	5.79	1	A
Aroclor 1260	426		ug/kg	52.9	9.78	1	A
Aroclor 1262	ND		ug/kg	52.9	6.72	1	A
Aroclor 1268	ND		ug/kg	52.9	5.48	1	A
PCBs, Total	691		ug/kg	52.9	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/11/25 05:30
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 02/10/25 06:04
Cleanup Method: EPA 3665A
Cleanup Date: 02/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 08 Batch: WG2028375-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1260	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
PCBs, Total	ND		ug/l	0.071	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/11/25 14:33
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 02/11/25 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 38-39 Batch: WG2028693-1						
Aroclor 1016	ND		ug/kg	48.7	4.32	A
Aroclor 1221	ND		ug/kg	48.7	4.88	A
Aroclor 1232	ND		ug/kg	48.7	10.3	A
Aroclor 1242	ND		ug/kg	48.7	6.56	A
Aroclor 1248	ND		ug/kg	48.7	7.30	A
Aroclor 1254	ND		ug/kg	48.7	5.33	A
Aroclor 1260	ND		ug/kg	48.7	9.00	A
Aroclor 1262	ND		ug/kg	48.7	6.18	A
Aroclor 1268	ND		ug/kg	48.7	5.04	A
PCBs, Total	ND		ug/kg	48.7	4.32	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	108		30-150	B
Decachlorobiphenyl	87		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 08 Batch: WG2028375-2 WG2028375-3									
Aroclor 1016	52		88		40-140	**52**	Q	50	A
Aroclor 1260	56		90		40-140	46		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		92		30-150	A
Decachlorobiphenyl	61		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		87		30-150	B
Decachlorobiphenyl	58		80		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 38-39 Batch: WG2028693-2 WG2028693-3									
Aroclor 1016	109		105		40-140	4		50	A
Aroclor 1260	113		109		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	114		108		30-150	A
Decachlorobiphenyl	108		101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	117		112		30-150	B
Decachlorobiphenyl	97		93		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 38-39 QC Batch ID: WG2028693-4 WG2028693-5 QC Sample: L2506645-38 Client ID: TS-08R-0-3.5													
Aroclor 1016	ND	342	393	115		389	112		40-140	1		50	A
Aroclor 1260	126	342	435	90		443	91		40-140	2		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		92		30-150	A
Decachlorobiphenyl	96		91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		93		30-150	B
Decachlorobiphenyl	92		124		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-08
Client ID: FB-250206
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 10:00
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 02/11/25 08:43
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 02/10/25 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-08 Date Collected: 02/06/25 10:00

Client ID: FB-250206 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	64		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	60		30-150	A

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-09
Client ID: TS-01R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 10:35
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 19:33
Analyst: AKM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	B
Lindane	ND		ug/kg	0.754	0.337	1	B
Alpha-BHC	ND		ug/kg	0.754	0.214	1	B
Beta-BHC	ND		ug/kg	1.81	0.686	1	B
Heptachlor	ND		ug/kg	0.905	0.406	1	B
Aldrin	ND		ug/kg	1.81	0.637	1	B
Heptachlor epoxide	533	PE	ug/kg	3.39	1.02	1	B
Endrin	ND		ug/kg	0.754	0.309	1	B
Endrin aldehyde	ND		ug/kg	2.26	0.792	1	B
Endrin ketone	ND		ug/kg	1.81	0.466	1	B
Dieldrin	336	PE	ug/kg	1.13	0.565	1	B
4,4'-DDE	1250	PE	ug/kg	1.81	0.418	1	B
4,4'-DDD	66.8	P	ug/kg	1.81	0.645	1	B
4,4'-DDT	542	PE	ug/kg	1.81	1.46	1	B
Endosulfan I	ND		ug/kg	1.81	0.428	1	B
Endosulfan II	ND		ug/kg	1.81	0.605	1	B
Endosulfan sulfate	ND		ug/kg	0.754	0.359	1	B
Methoxychlor	ND		ug/kg	3.39	1.06	1	B
Toxaphene	4990	PE	ug/kg	33.9	9.50	1	B
cis-Chlordane	1250	PE	ug/kg	2.26	0.630	1	B
trans-Chlordane	1340	PE	ug/kg	2.26	0.597	1	B
Chlordane	7490	PE	ug/kg	15.1	5.99	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-09 Date Collected: 02/06/25 10:35

Client ID: TS-01R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	30		30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-09 D
Client ID: TS-01R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 10:35
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/12/25 15:19
Analyst: EMR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Heptachlor epoxide	537		ug/kg	33.9	10.2	10	B
Dieldrin	330		ug/kg	11.3	5.65	10	B
4,4'-DDE	766	IP	ug/kg	18.1	4.18	10	A
4,4'-DDT	595		ug/kg	18.1	14.6	10	B
Toxaphene	5120		ug/kg	339	95.0	10	B
cis-Chlordane	1710		ug/kg	22.6	6.30	10	A
trans-Chlordane	1300		ug/kg	22.6	5.97	10	B
Chlordane	7520		ug/kg	151	59.9	10	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-10
Client ID: TS-01R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 10:25
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 19:46
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	A
Lindane	ND		ug/kg	0.775	0.346	1	A
Alpha-BHC	ND		ug/kg	0.775	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.705	1	A
Heptachlor	ND		ug/kg	0.930	0.417	1	A
Aldrin	ND		ug/kg	1.86	0.655	1	A
Heptachlor epoxide	68.4	IP	ug/kg	3.49	1.05	1	A
Endrin	ND		ug/kg	0.775	0.318	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.814	1	A
Endrin ketone	ND		ug/kg	1.86	0.479	1	A
Dieldrin	46.9		ug/kg	1.16	0.581	1	B
4,4'-DDE	371	E	ug/kg	1.86	0.430	1	B
4,4'-DDD	6.08		ug/kg	1.86	0.663	1	B
4,4'-DDT	147		ug/kg	1.86	1.50	1	B
Endosulfan I	ND		ug/kg	1.86	0.439	1	A
Endosulfan II	ND		ug/kg	1.86	0.622	1	A
Endosulfan sulfate	ND		ug/kg	0.775	0.369	1	A
Methoxychlor	ND		ug/kg	3.49	1.08	1	A
Toxaphene	379	IP	ug/kg	34.9	9.76	1	A
cis-Chlordane	134		ug/kg	2.32	0.648	1	A
trans-Chlordane	70.9	IP	ug/kg	2.32	0.614	1	A
Chlordane	993	E	ug/kg	15.5	6.16	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-10 Date Collected: 02/06/25 10:25

Client ID: TS-01R-1-1.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-10 D
Client ID: TS-01R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 10:25
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/12/25 15:30
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	380		ug/kg	9.30	2.15	5	B
Chlordane	767	IP	ug/kg	77.5	30.8	5	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-11
Client ID: DUP-07
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 10:30
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/12/25 14:02
Analyst: EMR
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/11/25 00:12
Cleanup Method: EPA 3620B
Cleanup Date: 02/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.760	0.340	1	A
Alpha-BHC	ND		ug/kg	0.760	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.691	1	A
Heptachlor	ND		ug/kg	0.911	0.409	1	A
Aldrin	ND		ug/kg	1.82	0.642	1	A
Heptachlor epoxide	45.2	IP	ug/kg	3.42	1.02	1	A
Endrin	ND		ug/kg	0.760	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.798	1	A
Endrin ketone	ND		ug/kg	1.82	0.469	1	A
Dieldrin	29.5	IP	ug/kg	1.14	0.570	1	A
4,4'-DDE	140	IP	ug/kg	1.82	0.422	1	A
4,4'-DDD	5.39		ug/kg	1.82	0.650	1	B
4,4'-DDT	92.0	IP	ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.431	1	A
Endosulfan II	ND		ug/kg	1.82	0.609	1	A
Endosulfan sulfate	ND		ug/kg	0.760	0.362	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	495	IP	ug/kg	34.2	9.57	1	A
cis-Chlordane	106		ug/kg	2.28	0.635	1	A
trans-Chlordane	51.8	IP	ug/kg	2.28	0.602	1	A
Chlordane	752		ug/kg	15.2	6.04	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-11 Date Collected: 02/06/25 10:30

Client ID: DUP-07 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**28**	Q	30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-12
Client ID: TS-01R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 10:45
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/18/25 13:36
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 13:32
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Heptachlor epoxide	17.7		ug/kg	3.38	1.01	1	A
Dieldrin	7.98		ug/kg	1.13	0.563	1	A
4,4'-DDE	39.2		ug/kg	1.80	0.417	1	A
4,4'-DDD	ND		ug/kg	1.80	0.642	1	A
4,4'-DDT	8.30		ug/kg	1.80	1.45	1	A
Chlordane	84.7	IP	ug/kg	15.0	5.97	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-17
Client ID: TS-02R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 11:05
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 19:58
Analyst: EMR
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.11	0.414	1	A
Lindane	ND		ug/kg	0.881	0.394	1	A
Alpha-BHC	ND		ug/kg	0.881	0.250	1	A
Beta-BHC	ND		ug/kg	2.11	0.801	1	A
Heptachlor	ND		ug/kg	1.06	0.474	1	A
Aldrin	ND		ug/kg	2.11	0.744	1	A
Heptachlor epoxide	14.9		ug/kg	3.96	1.19	1	A
Endrin	ND		ug/kg	0.881	0.361	1	A
Endrin aldehyde	ND		ug/kg	2.64	0.925	1	A
Endrin ketone	ND		ug/kg	2.11	0.544	1	A
Dieldrin	54.1		ug/kg	1.32	0.660	1	B
4,4'-DDE	1060	E	ug/kg	2.11	0.489	1	B
4,4'-DDD	ND		ug/kg	2.11	0.754	1	A
4,4'-DDT	283		ug/kg	2.11	1.70	1	A
Endosulfan I	ND		ug/kg	2.11	0.499	1	A
Endosulfan II	ND		ug/kg	2.11	0.706	1	A
Endosulfan sulfate	ND		ug/kg	0.881	0.419	1	A
Methoxychlor	ND		ug/kg	3.96	1.23	1	A
Toxaphene	ND		ug/kg	39.6	11.1	1	A
cis-Chlordane	4.73	IP	ug/kg	2.64	0.736	1	B
trans-Chlordane	4.46	IP	ug/kg	2.64	0.698	1	A
Chlordane	ND		ug/kg	17.6	7.00	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-17 Date Collected: 02/06/25 11:05

Client ID: TS-02R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-17 D
Client ID: TS-02R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 11:05
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/12/25 15:41
Analyst: EMR
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	1000		ug/kg	21.1	4.89	10	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-18
Client ID: TS-02R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 11:15
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 20:10
Analyst: EMR
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.378	1	A
Lindane	ND		ug/kg	0.803	0.359	1	A
Alpha-BHC	ND		ug/kg	0.803	0.228	1	A
Beta-BHC	ND		ug/kg	1.93	0.731	1	A
Heptachlor	ND		ug/kg	0.964	0.432	1	A
Aldrin	ND		ug/kg	1.93	0.679	1	A
Heptachlor epoxide	9.80		ug/kg	3.62	1.08	1	A
Endrin	ND		ug/kg	0.803	0.329	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.844	1	A
Endrin ketone	ND		ug/kg	1.93	0.496	1	A
Dieldrin	33.2		ug/kg	1.20	0.602	1	B
4,4'-DDE	828	E	ug/kg	1.93	0.446	1	B
4,4'-DDD	1.12	JIP	ug/kg	1.93	0.688	1	A
4,4'-DDT	234		ug/kg	1.93	1.55	1	A
Endosulfan I	ND		ug/kg	1.93	0.455	1	A
Endosulfan II	ND		ug/kg	1.93	0.644	1	A
Endosulfan sulfate	ND		ug/kg	0.803	0.382	1	A
Methoxychlor	ND		ug/kg	3.62	1.12	1	A
Toxaphene	ND		ug/kg	36.2	10.1	1	A
cis-Chlordane	4.25	IP	ug/kg	2.41	0.672	1	B
trans-Chlordane	5.00	IP	ug/kg	2.41	0.636	1	A
Chlordane	ND		ug/kg	16.1	6.39	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-18 Date Collected: 02/06/25 11:15

Client ID: TS-02R-1-1.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-18 D
Client ID: TS-02R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 11:15
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/12/25 16:04
Analyst: EMR
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	790		ug/kg	19.3	4.46	10	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-20
Client ID: TS-02R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 11:25
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/18/25 12:45
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 11:26
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	9.60		ug/kg	1.17	0.584	1	A
4,4'-DDE	302		ug/kg	1.87	0.432	1	B
4,4'-DDT	120		ug/kg	1.87	1.50	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-25
Client ID: TS-07R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 11:50
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 20:23
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.778	0.348	1	A
Alpha-BHC	ND		ug/kg	0.778	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.708	1	A
Heptachlor	ND		ug/kg	0.934	0.419	1	A
Aldrin	ND		ug/kg	1.87	0.658	1	A
Heptachlor epoxide	ND		ug/kg	3.50	1.05	1	A
Endrin	ND		ug/kg	0.778	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.817	1	A
Endrin ketone	ND		ug/kg	1.87	0.481	1	A
Dieldrin	1.37	IP	ug/kg	1.17	0.584	1	A
4,4'-DDE	13.0		ug/kg	1.87	0.432	1	B
4,4'-DDD	1.89		ug/kg	1.87	0.666	1	B
4,4'-DDT	44.4		ug/kg	1.87	1.50	1	A
Endosulfan I	ND		ug/kg	1.87	0.441	1	A
Endosulfan II	ND		ug/kg	1.87	0.624	1	A
Endosulfan sulfate	ND		ug/kg	0.778	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.80	1	A
cis-Chlordane	1.75	JIP	ug/kg	2.33	0.651	1	B
trans-Chlordane	6.27		ug/kg	2.33	0.616	1	A
Chlordane	18.2		ug/kg	15.6	6.19	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-25 Date Collected: 02/06/25 11:50

Client ID: TS-07R-0-1 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-26
Client ID: TS-07R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 12:00
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 20:35
Analyst: EMR
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.767	0.343	1	A
Alpha-BHC	ND		ug/kg	0.767	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.698	1	A
Heptachlor	ND		ug/kg	0.920	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.648	1	A
Heptachlor epoxide	ND		ug/kg	3.45	1.04	1	A
Endrin	ND		ug/kg	0.767	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.805	1	A
Endrin ketone	ND		ug/kg	1.84	0.474	1	A
Dieldrin	ND		ug/kg	1.15	0.575	1	A
4,4'-DDE	2.97		ug/kg	1.84	0.426	1	B
4,4'-DDD	ND		ug/kg	1.84	0.656	1	A
4,4'-DDT	4.32		ug/kg	1.84	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.435	1	A
Endosulfan II	ND		ug/kg	1.84	0.615	1	A
Endosulfan sulfate	ND		ug/kg	0.767	0.365	1	A
Methoxychlor	ND		ug/kg	3.45	1.07	1	A
Toxaphene	ND		ug/kg	34.5	9.66	1	A
cis-Chlordane	ND		ug/kg	2.30	0.641	1	A
trans-Chlordane	ND		ug/kg	2.30	0.607	1	A
Chlordane	ND		ug/kg	15.3	6.10	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-26 Date Collected: 02/06/25 12:00

Client ID: TS-07R-1-1.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-27
Client ID: TS-07R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 12:05
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/18/25 12:55
Analyst: EMR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 11:26
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	ND		ug/kg	1.82	1.47	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-32
Client ID: TS-06R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 12:50
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 21:13
Analyst: EMR
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.96	0.385	1	A
Lindane	ND		ug/kg	0.818	0.366	1	A
Alpha-BHC	ND		ug/kg	0.818	0.232	1	A
Beta-BHC	ND		ug/kg	1.96	0.745	1	A
Heptachlor	1.14	IP	ug/kg	0.982	0.440	1	B
Aldrin	ND		ug/kg	1.96	0.692	1	A
Heptachlor epoxide	2.42	J	ug/kg	3.68	1.10	1	B
Endrin	ND		ug/kg	0.818	0.336	1	A
Endrin aldehyde	ND		ug/kg	2.46	0.859	1	A
Endrin ketone	ND		ug/kg	1.96	0.506	1	A
Dieldrin	144		ug/kg	1.23	0.614	1	B
4,4'-DDE	18.8		ug/kg	1.96	0.454	1	B
4,4'-DDD	9.36		ug/kg	1.96	0.701	1	B
4,4'-DDT	26.3		ug/kg	1.96	1.58	1	A
Endosulfan I	ND		ug/kg	1.96	0.464	1	A
Endosulfan II	ND		ug/kg	1.96	0.656	1	A
Endosulfan sulfate	ND		ug/kg	0.818	0.390	1	A
Methoxychlor	ND		ug/kg	3.68	1.14	1	A
Toxaphene	ND		ug/kg	36.8	10.3	1	A
cis-Chlordane	11.4	IP	ug/kg	2.46	0.684	1	B
trans-Chlordane	15.8		ug/kg	2.46	0.648	1	A
Chlordane	91.4		ug/kg	16.4	6.51	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-32 Date Collected: 02/06/25 12:50

Client ID: TS-06R-0-1.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-33
Client ID: TS-06R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 12:55
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 21:25
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.363	1	A
Lindane	ND		ug/kg	0.773	0.345	1	A
Alpha-BHC	ND		ug/kg	0.773	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.703	1	A
Heptachlor	ND	IP	ug/kg	0.927	0.416	1	B
Aldrin	1.36	J	ug/kg	1.85	0.653	1	B
Heptachlor epoxide	ND	IP	ug/kg	3.48	1.04	1	A
Endrin	ND		ug/kg	0.773	0.317	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.811	1	A
Endrin ketone	ND		ug/kg	1.85	0.477	1	A
Dieldrin	35.8		ug/kg	1.16	0.579	1	B
4,4'-DDE	8.51		ug/kg	1.85	0.429	1	B
4,4'-DDD	4.06		ug/kg	1.85	0.661	1	B
4,4'-DDT	6.11		ug/kg	1.85	1.49	1	B
Endosulfan I	ND		ug/kg	1.85	0.438	1	A
Endosulfan II	ND		ug/kg	1.85	0.620	1	A
Endosulfan sulfate	ND		ug/kg	0.773	0.368	1	A
Methoxychlor	ND		ug/kg	3.48	1.08	1	A
Toxaphene	ND		ug/kg	34.8	9.74	1	A
cis-Chlordane	1.58	JIP	ug/kg	2.32	0.646	1	B
trans-Chlordane	3.97		ug/kg	2.32	0.612	1	A
Chlordane	9.40	JIP	ug/kg	15.4	6.14	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-33 Date Collected: 02/06/25 12:55

Client ID: TS-06R-1.5-2 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-34
Client ID: TS-06R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 13:05
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/18/25 13:06
Analyst: EMR
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 11:26
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	3.37		ug/kg	1.21	0.605	1	B
4,4'-DDE	1.04	J	ug/kg	1.94	0.448	1	B
4,4'-DDD	ND		ug/kg	1.94	0.690	1	B
4,4'-DDT	ND		ug/kg	1.94	1.56	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-38
Client ID: TS-08R-0-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 13:45
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 22:02
Analyst: EMR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.757	0.338	1	A
Alpha-BHC	ND		ug/kg	0.757	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.689	1	A
Heptachlor	3.11	IP	ug/kg	0.909	0.407	1	B
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	5.57		ug/kg	3.41	1.02	1	B
Endrin	ND		ug/kg	0.757	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.795	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.14	0.568	1	A
4,4'-DDE	5.99	IP	ug/kg	1.82	0.420	1	A
4,4'-DDD	1.18	JIP	ug/kg	1.82	0.648	1	B
4,4'-DDT	33.2		ug/kg	1.82	1.46	1	B
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.757	0.360	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.54	1	A
cis-Chlordane	3.21	IP	ug/kg	2.27	0.633	1	A
trans-Chlordane	5.09	IP	ug/kg	2.27	0.600	1	A
Chlordane	33.1	IP	ug/kg	15.1	6.02	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-38 Date Collected: 02/06/25 13:45

Client ID: TS-08R-0-3.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-39
Client ID: TS-08R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 13:50
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/11/25 22:40
Analyst: EMR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.651	1	A
Heptachlor	1.33	IP	ug/kg	0.859	0.385	1	B
Aldrin	ND		ug/kg	1.72	0.605	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.966	1	A
Endrin	ND		ug/kg	0.716	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.752	1	A
Endrin ketone	ND		ug/kg	1.72	0.442	1	A
Dieldrin	ND		ug/kg	1.07	0.537	1	A
4,4'-DDE	2.53		ug/kg	1.72	0.397	1	B
4,4'-DDD	ND		ug/kg	1.72	0.613	1	A
4,4'-DDT	22.1	IP	ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.574	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.02	1	A
cis-Chlordane	2.25		ug/kg	2.15	0.598	1	A
trans-Chlordane	5.56	IP	ug/kg	2.15	0.567	1	A
Chlordane	24.4		ug/kg	14.3	5.69	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-39 Date Collected: 02/06/25 13:50

Client ID: TS-08R-3.5-4 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/10/25 09:55
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 02/10/25 03:02

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08 Batch: WG2028352-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/10/25 09:55
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 02/10/25 03:02

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08 Batch: WG2028352-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	57		30-150	B
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	58		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/11/25 18:56
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09-11,17-18,25-26,32-33,38-39 Batch: WG2028648-1						
Delta-BHC	ND		ug/kg	1.54	0.303	A
Lindane	ND		ug/kg	0.644	0.288	A
Alpha-BHC	ND		ug/kg	0.644	0.183	A
Beta-BHC	ND		ug/kg	1.54	0.586	A
Heptachlor	ND		ug/kg	0.773	0.346	A
Aldrin	ND		ug/kg	1.54	0.544	A
Heptachlor epoxide	ND		ug/kg	2.90	0.869	A
Endrin	ND		ug/kg	0.644	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.676	A
Endrin ketone	ND		ug/kg	1.54	0.398	A
Dieldrin	ND		ug/kg	0.966	0.483	A
4,4'-DDE	ND		ug/kg	1.54	0.357	A
4,4'-DDD	ND		ug/kg	1.54	0.551	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.365	A
Endosulfan II	ND		ug/kg	1.54	0.516	A
Endosulfan sulfate	ND		ug/kg	0.644	0.306	A
Methoxychlor	ND		ug/kg	2.90	0.901	A
Toxaphene	ND		ug/kg	29.0	8.11	A
cis-Chlordane	ND		ug/kg	1.93	0.538	A
trans-Chlordane	ND		ug/kg	1.93	0.510	A
Chlordane	ND		ug/kg	12.9	5.12	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/11/25 18:56
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 02/10/25 18:21
Cleanup Method: EPA 3620B
Cleanup Date: 02/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09-11,17-18,25-26,32-33,38-39 Batch: WG2028648-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/18/25 12:14
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 02/16/25 14:17
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 12,20,27,34 Batch: WG2030758-1						
Heptachlor epoxide	ND		ug/kg	2.96	0.889	A
Dieldrin	ND		ug/kg	0.987	0.494	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDD	ND		ug/kg	1.58	0.564	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A
Chlordane	ND		ug/kg	13.2	5.23	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	73		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08 Batch: WG2028352-2 WG2028352-3									
Delta-BHC	54		65		30-150	18		20	A
Lindane	71		87		30-150	20		20	A
Alpha-BHC	74		89		30-150	18		20	A
Beta-BHC	69		82		30-150	17		20	A
Heptachlor	66		80		30-150	20		20	A
Aldrin	63		79		30-150	**22**	Q	20	A
Heptachlor epoxide	67		81		30-150	19		20	A
Endrin	67		83		30-150	**21**	Q	20	A
Endrin aldehyde	65		80		30-150	**21**	Q	20	A
Endrin ketone	67		83		30-150	**21**	Q	20	A
Dieldrin	71		87		30-150	**21**	Q	20	A
4,4'-DDE	68		83		30-150	19		20	A
4,4'-DDD	73		88		30-150	20		20	A
4,4'-DDT	72		87		30-150	18		20	A
Endosulfan I	64		78		30-150	**21**	Q	20	A
Endosulfan II	66		82		30-150	**22**	Q	20	A
Endosulfan sulfate	61		76		30-150	**21**	Q	20	A
Methoxychlor	67		80		30-150	18		20	A
cis-Chlordane	62		76		30-150	19		20	A
trans-Chlordane	74		90		30-150	19		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08 Batch: WG2028352-2 WG2028352-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		81		30-150	B
Decachlorobiphenyl	74		78		30-150	B
2,4,5,6-Tetrachloro-m-xylene	63		77		30-150	A
Decachlorobiphenyl	74		79		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-11,17-18,25-26,32-33,38-39 Batch: WG2028648-2 WG2028648-3									
Delta-BHC	102		96		30-150	6		30	A
Lindane	102		98		30-150	4		30	A
Alpha-BHC	105		100		30-150	5		30	A
Beta-BHC	97		92		30-150	5		30	A
Heptachlor	99		95		30-150	4		30	A
Aldrin	98		97		30-150	1		30	A
Heptachlor epoxide	84		82		30-150	2		30	A
Endrin	97		94		30-150	3		30	A
Endrin aldehyde	88		86		30-150	2		30	A
Endrin ketone	100		96		30-150	4		30	A
Dieldrin	105		100		30-150	5		30	A
4,4'-DDE	97		94		30-150	3		30	A
4,4'-DDD	104		100		30-150	4		30	A
4,4'-DDT	104		98		30-150	6		30	A
Endosulfan I	92		91		30-150	1		30	A
Endosulfan II	97		94		30-150	3		30	A
Endosulfan sulfate	95		91		30-150	4		30	A
Methoxychlor	92		93		30-150	1		30	A
cis-Chlordane	91		88		30-150	3		30	A
trans-Chlordane	109		106		30-150	3		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-11,17-18,25-26,32-33,38-39 Batch: WG2028648-2 WG2028648-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		90		30-150	A
Decachlorobiphenyl	102		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		91		30-150	B
Decachlorobiphenyl	99		92		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 12,20,27,34 Batch: WG2030758-2 WG2030758-3									
Heptachlor epoxide	74		78		30-150	5		30	A
Dieldrin	94		99		30-150	5		30	A
4,4'-DDE	83		89		30-150	7		30	A
4,4'-DDD	94		100		30-150	6		30	A
4,4'-DDT	88		94		30-150	7		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		69		30-150	A
Decachlorobiphenyl	73		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		62		30-150	B
Decachlorobiphenyl	75		78		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-11,17-18,25-26,32-33,38-39 QC Batch ID: WG2028648-4 WG2028648-5 QC Sample: L2506645-26 Client ID: TS-07R-1-1.5													
Delta-BHC	ND	38.2	35.8	94		36.9	96		30-150	3		50	A
Lindane	ND	38.2	36.8	96		37.7	98		30-150	2		50	A
Alpha-BHC	ND	38.2	37.7	99		38.4	100		30-150	2		50	A
Beta-BHC	ND	38.2	35.0	92		35.6	93		30-150	2		50	A
Heptachlor	ND	38.2	36.2	95		36.9	96		30-150	2		50	A
Aldrin	ND	38.2	35.4	93		36.3	95		30-150	3		50	A
Heptachlor epoxide	ND	38.2	30.6	80		31.5	82		30-150	3		50	A
Endrin	ND	38.2	35.4	93		36.3	95		30-150	3		50	A
Endrin aldehyde	ND	38.2	31.8	83		32.8	86		30-150	3		50	A
Endrin ketone	ND	38.2	35.7	93		36.4	95		30-150	2		50	A
Dieldrin	ND	38.2	37.6	98		38.4	100		30-150	2		50	A
4,4'-DDE	2.97	38.2	41.8	102		41.8	101		30-150	0		50	B
4,4'-DDD	ND	38.2	37.7	99		38.4	100		30-150	2		50	A
4,4'-DDT	4.32	38.2	40.0	93		40.6	95		30-150	1		50	A
Endosulfan I	ND	38.2	33.9	89		34.6	90		30-150	2		50	A
Endosulfan II	ND	38.2	35.1	92		36.2	95		30-150	3		50	A
Endosulfan sulfate	ND	38.2	33.6	88		34.4	90		30-150	2		50	A
Methoxychlor	ND	38.2	32.9	86		33.3	87		30-150	1		50	A
cis-Chlordane	ND	38.2	33.1	87		33.7	88		30-150	2		50	A
trans-Chlordane	ND	38.2	40.0	105		40.7	106		30-150	2		50	A

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-11,17-18,25-26,32-33,38-39 QC Batch ID: WG2028648-4 WG2028648-5 QC Sample: L2506645-26 Client ID: TS-07R-1-1.5												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		89		30-150	A
Decachlorobiphenyl	87		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		91		30-150	B
Decachlorobiphenyl	89		85		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-11,17-18,25-26,32-33,38-39 QC Batch ID: WG2028648-6 WG2028648-7 QC Sample: L2506645-33 Client ID: TS-06R-1.5-2													
Delta-BHC	ND	38.6	38.1	99		38.7	101		30-150	2		50	A
Lindane	ND	38.6	38.1	99		38.8	101		30-150	2		50	A
Alpha-BHC	ND	38.6	39.2	101		39.9	104		30-150	2		50	A
Beta-BHC	ND	38.6	35.6	92		35.7	93		30-150	0		50	A
Heptachlor	NDIP	38.6	38.2	99		38.7	101		30-150	1		50	B
Aldrin	1.36J	38.6	40.0	103		40.9	107		30-150	2		50	B
Heptachlor epoxide	NDIP	38.6	32.2	83		34.6	90		30-150	7		50	A
Endrin	ND	38.6	37.4	97		39.4	103		30-150	5		50	A
Endrin aldehyde	ND	38.6	33.1	86		32.5	85		30-150	2		50	A
Endrin ketone	ND	38.6	37.1	96		37.6	98		30-150	1		50	A
Dieldrin	35.8	38.6	76.5	105		78.5	111		30-150	3		50	B
4,4'-DDE	8.51	38.6	47.6	101		49.6	107		30-150	4		50	B
4,4'-DDD	4.06	38.6	46.5	110		49.4	118		30-150	6		50	B
4,4'-DDT	6.11	38.6	37.8	82		43.6	98		30-150	14		50	B
Endosulfan I	ND	38.6	34.7	90		35.0	91		30-150	1		50	A
Endosulfan II	ND	38.6	36.4	94		36.2	94		30-150	1		50	A
Endosulfan sulfate	ND	38.6	34.3	89		35.1	92		30-150	2		50	A
Methoxychlor	ND	38.6	34.3	89		34.9	91		30-150	2		50	A
cis-Chlordane	1.58JIP	38.6	38.1	99		39.6	103		30-150	4		50	B
trans-Chlordane	3.97	38.6	43.2	101		45.3	108		30-150	5		50	A

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-11,17-18,25-26,32-33,38-39 QC Batch ID: WG2028648-6 WG2028648-7 QC Sample: L2506645-33 Client ID: TS-06R-1.5-2												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		89		30-150	A
Decachlorobiphenyl	77		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		91		30-150	B
Decachlorobiphenyl	78		85		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-11,17-18,25-26,32-33,38-39 QC Batch ID: WG2028648-8 WG2028648-9 QC Sample: L2506645-38 Client ID: TS-08R-0-3.5													
Delta-BHC	ND	37.7	35.2	93		39.6	104		30-150	12		50	A
Lindane	ND	37.7	37.8	100		43.5	115		30-150	14		50	A
Alpha-BHC	ND	37.7	44.6	118		47.0	124		30-150	5		50	A
Beta-BHC	ND	37.7	28.5	76		34.0	90		30-150	18		50	A
Heptachlor	3.11IP	37.7	33.9	82		38.5	93		30-150	13		50	B
Aldrin	ND	37.7	34.7	92		40.6	107		30-150	16		50	A
Heptachlor epoxide	5.57	37.7	36.7	83		42.0	96		30-150	13		50	B
Endrin	ND	37.7	38.2	101		47.8	126		30-150	22		50	A
Endrin aldehyde	ND	37.7	32.2	85		35.8	94		30-150	11		50	A
Endrin ketone	ND	37.7	36.0	95		42.6	112		30-150	17		50	A
Dieldrin	ND	37.7	41.2	109		47.0	124		30-150	13		50	A
4,4'-DDE	5.99IP	37.7	42.6	97		45.7	105		30-150	7		50	A
4,4'-DDD	1.18JIP	37.7	38.2	101		45.7	120		30-150	18		50	B
4,4'-DDT	33.2	37.7	63.2	80		68.3	92		30-150	8		50	B
Endosulfan I	ND	37.7	34.4	91		39.0	103		30-150	13		50	A
Endosulfan II	ND	37.7	33.7	89		36.0	95		30-150	7		50	A
Endosulfan sulfate	ND	37.7	30.9	82		33.8	89		30-150	9		50	A
Methoxychlor	ND	37.7	37.4	99		47.4	125		30-150	24		50	A
cis-Chlordane	3.21IP	37.7	31.5	75		35.2	84		30-150	11		50	A
trans-Chlordane	5.09IP	37.7	40.1	93		45.2	106		30-150	12		50	A

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-11,17-18,25-26,32-33,38-39 QC Batch ID: WG2028648-8 WG2028648-9 QC Sample: L2506645-38 Client ID: TS-08R-0-3.5												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		89		30-150	A
Decachlorobiphenyl	88		82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		83		30-150	B
Decachlorobiphenyl	84		78		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-08 Date Collected: 02/06/25 10:00

Client ID: FB-250206 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Barium, Total	ND		mg/l	0.0100	0.0021	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Calcium, Total	0.0652	J	mg/l	0.100	0.0350	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Iron, Total	ND		mg/l	0.0500	0.0090	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Magnesium, Total	ND		mg/l	0.100	0.0153	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Manganese, Total	ND		mg/l	0.0100	0.0016	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/09/25 19:46	02/12/25 18:45	EPA 7470A	1,7470A	CME
Nickel, Total	ND		mg/l	0.0250	0.0024	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Potassium, Total	ND		mg/l	2.50	0.237	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Sodium, Total	0.296	J	mg/l	2.00	0.120	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL
Zinc, Total	0.0133	J	mg/l	0.0500	0.0021	1	02/09/25 17:09	02/10/25 12:35	EPA 3005A	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-09
Client ID: TS-01R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 10:35
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6980		mg/kg	9.23	3.00	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.62	3.56	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Arsenic, Total	64.5		mg/kg	0.923	0.399	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Barium, Total	68.6		mg/kg	0.923	0.098	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.394	J	mg/kg	0.462	0.051	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Cadmium, Total	9.56		mg/kg	0.923	0.051	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Calcium, Total	2110		mg/kg	9.23	5.24	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Chromium, Total	194		mg/kg	0.923	0.783	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.28		mg/kg	1.85	0.229	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Copper, Total	30.9		mg/kg	0.923	0.210	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Iron, Total	11100		mg/kg	4.62	0.970	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Lead, Total	963		mg/kg	4.62	0.220	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Magnesium, Total	1850		mg/kg	9.23	1.50	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Manganese, Total	235		mg/kg	0.923	0.495	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Mercury, Total	160		mg/kg	7.56	4.93	100	02/13/25 03:48	02/13/25 09:02	EPA 7471B	1,7471B	JWN
Nickel, Total	10.2		mg/kg	2.31	0.746	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Potassium, Total	717		mg/kg	231	46.8	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.85	0.304	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Silver, Total	1.23		mg/kg	0.462	0.275	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Sodium, Total	ND		mg/kg	185	97.9	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.85	0.833	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Vanadium, Total	22.9		mg/kg	0.923	0.139	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC
Zinc, Total	150		mg/kg	4.62	0.560	2	02/13/25 03:20	02/13/25 14:44	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-10
Client ID: TS-01R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 10:25
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14400		mg/kg	9.05	2.94	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.53	3.48	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Arsenic, Total	63.6		mg/kg	0.905	0.391	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Barium, Total	98.7		mg/kg	0.905	0.096	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.622		mg/kg	0.453	0.050	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.963		mg/kg	0.905	0.050	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Calcium, Total	1140		mg/kg	9.05	5.13	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Chromium, Total	28.1		mg/kg	0.905	0.768	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.43		mg/kg	1.81	0.224	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Copper, Total	18.6		mg/kg	0.905	0.206	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Iron, Total	17900		mg/kg	4.53	0.950	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Lead, Total	110		mg/kg	4.53	0.215	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Magnesium, Total	3730		mg/kg	9.05	1.48	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Manganese, Total	638		mg/kg	0.905	0.485	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Mercury, Total	32.0		mg/kg	0.865	0.564	10	02/13/25 03:48	02/13/25 08:34	EPA 7471B	1,7471B	JWN
Nickel, Total	14.3		mg/kg	2.26	0.731	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Potassium, Total	1020		mg/kg	226	45.9	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.81	0.298	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.453	0.270	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Sodium, Total	ND		mg/kg	181	96.0	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.81	0.816	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Vanadium, Total	27.0		mg/kg	0.905	0.137	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC
Zinc, Total	61.0		mg/kg	4.53	0.549	2	02/13/25 03:20	02/13/25 14:47	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-11 Date Collected: 02/06/25 10:30

Client ID: DUP-07 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13200		mg/kg	9.47	3.08	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.74	3.65	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Arsenic, Total	54.6		mg/kg	0.947	0.409	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Barium, Total	87.2		mg/kg	0.947	0.100	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.545		mg/kg	0.474	0.052	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.773	J	mg/kg	0.947	0.052	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Calcium, Total	1010		mg/kg	9.47	5.37	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Chromium, Total	23.7		mg/kg	0.947	0.803	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Cobalt, Total	6.49		mg/kg	1.89	0.235	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Copper, Total	16.6		mg/kg	0.947	0.215	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Iron, Total	16800		mg/kg	4.74	0.995	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Lead, Total	69.6		mg/kg	4.74	0.225	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Magnesium, Total	3520		mg/kg	9.47	1.54	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Manganese, Total	444		mg/kg	0.947	0.508	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Mercury, Total	30.7		mg/kg	0.865	0.564	10	02/12/25 12:24	02/12/25 16:25	EPA 7471B	1,7471B	CME
Nickel, Total	13.6		mg/kg	2.37	0.765	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Potassium, Total	1070		mg/kg	237	48.0	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.89	0.312	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.474	0.282	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	189	100.	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.89	0.854	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Vanadium, Total	25.3		mg/kg	0.947	0.143	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM
Zinc, Total	55.1		mg/kg	4.74	0.574	2	02/12/25 11:41	02/12/25 19:27	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-12
Client ID: TS-01R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 10:45
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.28		mg/kg	0.919	0.397	2	02/20/25 13:56	02/20/25 17:49	EPA 3050B	1,6010D	JMF
Lead, Total	8.45		mg/kg	4.60	0.219	2	02/20/25 13:56	02/20/25 17:49	EPA 3050B	1,6010D	JMF
Mercury, Total	0.395		mg/kg	0.091	0.060	1	02/20/25 15:19	02/20/25 21:03	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-17
Client ID: TS-02R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 11:05
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15800		mg/kg	10.3	3.36	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	5.16	3.98	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Arsenic, Total	25.1		mg/kg	1.03	0.446	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Barium, Total	121		mg/kg	1.03	0.109	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.643		mg/kg	0.516	0.057	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.721	J	mg/kg	1.03	0.057	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Calcium, Total	810		mg/kg	10.3	5.86	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Chromium, Total	33.7		mg/kg	1.03	0.876	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Cobalt, Total	8.02		mg/kg	2.06	0.256	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Copper, Total	17.7		mg/kg	1.03	0.234	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Iron, Total	19900		mg/kg	5.16	1.08	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Lead, Total	119		mg/kg	5.16	0.246	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Magnesium, Total	3660		mg/kg	10.3	1.68	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Manganese, Total	686		mg/kg	1.03	0.554	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Mercury, Total	15.2		mg/kg	1.02	0.666	10	02/12/25 12:24	02/12/25 16:29	EPA 7471B	1,7471B	CME
Nickel, Total	15.4		mg/kg	2.58	0.834	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Potassium, Total	1220		mg/kg	258	52.4	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	2.06	0.340	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.516	0.308	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	206	109.	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	2.06	0.932	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Vanadium, Total	27.2		mg/kg	1.03	0.156	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM
Zinc, Total	70.3		mg/kg	5.16	0.626	2	02/12/25 11:41	02/12/25 19:31	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-18
Client ID: TS-02R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 11:15
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16000		mg/kg	9.31	3.02	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.65	3.58	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Arsenic, Total	15.0		mg/kg	0.931	0.402	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Barium, Total	124		mg/kg	0.931	0.099	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.653		mg/kg	0.465	0.051	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.537	J	mg/kg	0.931	0.051	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Calcium, Total	733		mg/kg	9.31	5.28	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Chromium, Total	28.5		mg/kg	0.931	0.789	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Cobalt, Total	8.41		mg/kg	1.86	0.231	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Copper, Total	18.4		mg/kg	0.931	0.211	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Iron, Total	19100		mg/kg	4.65	0.977	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Lead, Total	79.1		mg/kg	4.65	0.222	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Magnesium, Total	3770		mg/kg	9.31	1.52	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Manganese, Total	769		mg/kg	0.931	0.499	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Mercury, Total	7.52		mg/kg	0.832	0.542	10	02/13/25 03:48	02/13/25 08:38	EPA 7471B	1,7471B	JWN
Nickel, Total	15.3		mg/kg	2.33	0.752	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Potassium, Total	1150		mg/kg	233	47.2	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.86	0.306	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.465	0.277	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Sodium, Total	ND		mg/kg	186	98.7	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.86	0.840	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Vanadium, Total	28.0		mg/kg	0.931	0.140	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC
Zinc, Total	61.0		mg/kg	4.65	0.564	2	02/13/25 03:20	02/13/25 14:51	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-20
Client ID: TS-02R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 11:25
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.69		mg/kg	0.941	0.406	2	02/20/25 13:56	02/20/25 17:56	EPA 3050B	1,6010D	JMF
Lead, Total	22.8		mg/kg	4.70	0.224	2	02/20/25 13:56	02/20/25 17:56	EPA 3050B	1,6010D	JMF
Mercury, Total	2.17		mg/kg	0.076	0.050	1	02/20/25 15:19	02/20/25 21:06	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-21
Client ID: TS-02R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 11:30
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	1.90		mg/kg	0.072	0.047	1	02/27/25 23:02	02/28/25 09:03	EPA 7471B	1,7471B	CME

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-22
Client ID: TS-02R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 11:28
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.312		mg/kg	0.083	0.054	1	03/06/25 08:38	03/06/25 09:53	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-25
Client ID: TS-07R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 11:50
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10800		mg/kg	9.32	3.03	2	02/13/25 03:20	02/13/25 20:22	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	4.66	3.59	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.85		mg/kg	0.932	0.403	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Barium, Total	94.6		mg/kg	0.932	0.099	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.406	J	mg/kg	0.466	0.051	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.333	J	mg/kg	0.932	0.051	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Calcium, Total	3000		mg/kg	9.32	5.29	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Chromium, Total	14.9		mg/kg	0.932	0.791	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.36		mg/kg	1.86	0.231	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Copper, Total	29.6		mg/kg	0.932	0.212	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Iron, Total	15700		mg/kg	4.66	0.979	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Lead, Total	132		mg/kg	4.66	0.222	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Magnesium, Total	4160		mg/kg	9.32	1.52	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Manganese, Total	393		mg/kg	0.932	0.500	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Mercury, Total	1.02		mg/kg	0.081	0.053	1	02/13/25 03:48	02/13/25 07:56	EPA 7471B	1,7471B	JWN
Nickel, Total	12.7		mg/kg	2.33	0.753	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Potassium, Total	991		mg/kg	233	47.3	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.86	0.307	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.466	0.278	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Sodium, Total	ND		mg/kg	186	98.8	2	02/13/25 03:20	02/13/25 20:22	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	1.86	0.841	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Vanadium, Total	25.4		mg/kg	0.932	0.141	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC
Zinc, Total	114		mg/kg	4.66	0.565	2	02/13/25 03:20	02/13/25 15:27	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-26 Date Collected: 02/06/25 12:00

Client ID: TS-07R-1-1.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13800		mg/kg	9.35	3.04	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	4.68	3.60	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Arsenic, Total	6.00		mg/kg	0.935	0.404	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Barium, Total	127		mg/kg	0.935	0.099	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Beryllium, Total	0.628		mg/kg	0.468	0.051	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Cadmium, Total	0.325	J	mg/kg	0.935	0.051	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Calcium, Total	1930		mg/kg	9.35	5.30	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Chromium, Total	16.5		mg/kg	0.935	0.793	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Cobalt, Total	8.64		mg/kg	1.87	0.232	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Copper, Total	20.2		mg/kg	0.935	0.212	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Iron, Total	18800		mg/kg	4.68	0.982	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Lead, Total	84.3		mg/kg	4.68	0.223	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Magnesium, Total	3660		mg/kg	9.35	1.52	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Manganese, Total	701		mg/kg	0.935	0.501	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Mercury, Total	0.111		mg/kg	0.086	0.056	1	02/13/25 03:48	02/13/25 07:27	EPA 7471B	1,7471B	JWN
Nickel, Total	14.9		mg/kg	2.34	0.756	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Potassium, Total	964		mg/kg	234	47.4	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Selenium, Total	ND		mg/kg	1.87	0.308	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	0.468	0.279	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Sodium, Total	ND		mg/kg	187	99.2	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	1.87	0.844	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Vanadium, Total	24.2		mg/kg	0.935	0.141	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP
Zinc, Total	148		mg/kg	4.68	0.567	2	02/13/25 03:20	02/13/25 19:59	EPA 3050B	1,6010D	MRP

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-27 Date Collected: 02/06/25 12:05

Client ID: TS-07R-1.5-2 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	9.93		mg/kg	4.65	0.221	2	02/20/25 13:56	02/20/25 18:03	EPA 3050B	1,6010D	JMF
Zinc, Total	70.4		mg/kg	4.65	0.563	2	02/20/25 13:56	02/22/25 13:59	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-32
Client ID: TS-06R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 12:50
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11400		mg/kg	9.81	3.19	2	02/13/25 03:20	02/13/25 20:26	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	4.91	3.78	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.86		mg/kg	0.981	0.424	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Barium, Total	87.5		mg/kg	0.981	0.104	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.383	J	mg/kg	0.491	0.054	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.418	J	mg/kg	0.981	0.054	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Calcium, Total	9730		mg/kg	9.81	5.56	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Chromium, Total	17.7		mg/kg	0.981	0.832	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.44		mg/kg	1.96	0.243	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Copper, Total	62.5		mg/kg	0.981	0.223	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Iron, Total	15300		mg/kg	4.91	1.03	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Lead, Total	347		mg/kg	4.91	0.234	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Magnesium, Total	7090		mg/kg	9.81	1.60	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Manganese, Total	290		mg/kg	0.981	0.526	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Mercury, Total	0.199		mg/kg	0.084	0.055	1	02/13/25 03:48	02/13/25 07:59	EPA 7471B	1,7471B	JWN
Nickel, Total	14.8		mg/kg	2.45	0.793	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Potassium, Total	1650		mg/kg	245	49.8	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.96	0.323	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.491	0.292	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Sodium, Total	ND		mg/kg	196	104.	2	02/13/25 03:20	02/13/25 20:26	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	1.96	0.885	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Vanadium, Total	24.0		mg/kg	0.981	0.148	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC
Zinc, Total	203		mg/kg	4.91	0.595	2	02/13/25 03:20	02/13/25 15:30	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-33 Date Collected: 02/06/25 12:55

Client ID: TS-06R-1.5-2 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14800		mg/kg	9.14	2.97	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.57	3.52	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Arsenic, Total	6.03		mg/kg	0.914	0.395	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Barium, Total	116		mg/kg	0.914	0.097	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.560		mg/kg	0.457	0.050	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.360	J	mg/kg	0.914	0.050	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Calcium, Total	3230		mg/kg	9.14	5.18	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Chromium, Total	21.3		mg/kg	0.914	0.775	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Cobalt, Total	10.4		mg/kg	1.83	0.226	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Copper, Total	48.3		mg/kg	0.914	0.207	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Iron, Total	19600		mg/kg	4.57	0.959	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Lead, Total	103		mg/kg	4.57	0.217	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Magnesium, Total	5340		mg/kg	9.14	1.49	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Manganese, Total	430		mg/kg	0.914	0.490	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Mercury, Total	0.129		mg/kg	0.086	0.056	1	02/13/25 01:29	02/13/25 12:06	EPA 7471B	1,7471B	JWN
Nickel, Total	20.4		mg/kg	2.28	0.738	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Potassium, Total	1980		mg/kg	228	46.3	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.83	0.300	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.457	0.272	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Sodium, Total	ND		mg/kg	183	96.8	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Thallium, Total	0.893	J	mg/kg	1.83	0.824	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Vanadium, Total	26.9		mg/kg	0.914	0.138	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC
Zinc, Total	119		mg/kg	4.57	0.554	2	02/13/25 01:27	02/13/25 09:47	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-34
Client ID: TS-06R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 13:05
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	21.4		mg/kg	4.62	0.220	2	02/20/25 13:56	02/20/25 19:59	EPA 3050B	1,6010D	JMF
Zinc, Total	83.4		mg/kg	4.62	0.560	2	02/20/25 13:56	02/22/25 14:05	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-38 Date Collected: 02/06/25 13:45

Client ID: TS-08R-0-3.5 Date Received: 02/06/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12500		mg/kg	17.9	5.82	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	8.96	6.90	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Arsenic, Total	6.41		mg/kg	1.79	0.774	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Barium, Total	98.1		mg/kg	1.79	0.190	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.425	J	mg/kg	0.896	0.099	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.226	J	mg/kg	1.79	0.099	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Calcium, Total	27100		mg/kg	17.9	10.2	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Chromium, Total	24.0		mg/kg	1.79	1.52	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.83		mg/kg	3.58	0.444	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Copper, Total	26.4		mg/kg	1.79	0.407	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Iron, Total	19500		mg/kg	8.96	1.88	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Lead, Total	59.4		mg/kg	8.96	0.426	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Magnesium, Total	6590		mg/kg	17.9	2.92	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Manganese, Total	320		mg/kg	1.79	0.960	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Mercury, Total	0.146		mg/kg	0.082	0.053	1	02/13/25 01:29	02/13/25 12:16	EPA 7471B	1,7471B	JWN
Nickel, Total	21.4		mg/kg	4.48	1.45	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Potassium, Total	1700		mg/kg	448	90.8	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	3.58	0.590	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.896	0.534	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Sodium, Total	ND		mg/kg	358	190.	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	3.58	1.62	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Vanadium, Total	29.8		mg/kg	1.79	0.270	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC
Zinc, Total	103		mg/kg	8.96	1.08	4	02/13/25 01:27	02/13/25 12:42	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-39
Client ID: TS-08R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 13:50
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6180		mg/kg	8.72	2.84	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.36	3.36	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Arsenic, Total	4.03		mg/kg	0.872	0.377	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Barium, Total	54.4		mg/kg	0.872	0.093	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.228	J	mg/kg	0.436	0.048	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.144	J	mg/kg	0.872	0.048	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Calcium, Total	28400		mg/kg	8.72	4.95	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Chromium, Total	13.2		mg/kg	0.872	0.740	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Cobalt, Total	3.77		mg/kg	1.74	0.216	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Copper, Total	48.3		mg/kg	0.872	0.198	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Iron, Total	11700		mg/kg	4.36	0.916	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Lead, Total	118		mg/kg	4.36	0.208	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Magnesium, Total	3380		mg/kg	8.72	1.42	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Manganese, Total	158		mg/kg	0.872	0.468	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Mercury, Total	0.208		mg/kg	0.084	0.055	1	02/12/25 12:24	02/12/25 15:42	EPA 7471B	1,7471B	CME
Nickel, Total	8.59		mg/kg	2.18	0.705	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Potassium, Total	925		mg/kg	218	44.2	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.74	0.287	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.436	0.260	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Sodium, Total	138	J	mg/kg	174	92.5	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.74	0.787	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Vanadium, Total	14.8		mg/kg	0.872	0.132	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM
Zinc, Total	127		mg/kg	4.36	0.529	2	02/12/25 11:41	02/12/25 19:34	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE
Lab Number: L2506645
Project Number: CV04.001
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-40
Client ID: H02R-4-5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 14:13
Date Received: 02/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Zinc, Total	46.8		mg/kg	4.19	0.508	2	02/11/25 16:38	02/12/25 16:10	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 08 Batch: WG2028274-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Barium, Total	ND		mg/l	0.0100	0.0021	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Calcium, Total	ND		mg/l	0.100	0.0350	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Iron, Total	ND		mg/l	0.0500	0.0090	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Magnesium, Total	ND		mg/l	0.100	0.0153	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Manganese, Total	ND		mg/l	0.0100	0.0016	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Nickel, Total	ND		mg/l	0.0250	0.0024	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Potassium, Total	ND		mg/l	2.50	0.237	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Sodium, Total	ND		mg/l	2.00	0.120	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Zinc, Total	ND		mg/l	0.0500	0.0021	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 08 Batch: WG2028275-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/09/25 19:46	02/12/25 18:29	1,7470A	CME

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 40 Batch: WG2029060-1										
Zinc, Total	ND		mg/kg	2.00	0.242	1	02/11/25 16:38	02/12/25 11:24	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 11,17,39 Batch: WG2029378-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	1.54	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.042	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.022	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.022	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	2.27	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.099	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.091	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Iron, Total	1.16	J	mg/kg	2.00	0.420	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.095	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.652	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.214	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.323	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	20.3	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.132	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.119	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	42.4	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.361	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

Method Blank Analysis
Batch Quality Control

Vanadium, Total	ND	mg/kg	0.400	0.060	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF
Zinc, Total	ND	mg/kg	2.00	0.242	1	02/12/25 11:41	02/12/25 16:27	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 11,17,39 Batch: WG2029390-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/12/25 12:24	02/12/25 13:37	1,7471B	CME

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 33,38 Batch: WG2029425-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	1.54	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.042	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.022	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.022	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	2.27	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.099	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.091	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Iron, Total	0.742	J	mg/kg	2.00	0.420	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.095	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.652	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.214	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.323	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	20.3	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.132	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

Method Blank Analysis
Batch Quality Control

Silver, Total	ND	mg/kg	0.200	0.119	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Sodium, Total	ND	mg/kg	80.0	42.4	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Thallium, Total	ND	mg/kg	0.800	0.361	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Vanadium, Total	ND	mg/kg	0.400	0.060	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC
Zinc, Total	ND	mg/kg	2.00	0.242	1	02/13/25 01:27	02/13/25 09:29	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09-10,18,25-26,32 Batch: WG2029573-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	1.54	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.042	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.022	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.022	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	2.27	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.099	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.091	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Iron, Total	0.462	J	mg/kg	2.00	0.420	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.095	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.652	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.214	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.323	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	20.3	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.132	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.119	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	42.4	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.361	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.060	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.242	1	02/13/25 03:20	02/13/25 14:37	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09-10,18,25-26,32 Batch: WG2029578-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/13/25 03:48	02/13/25 07:20	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 33,38 Batch: WG2029579-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/13/25 01:29	02/13/25 12:00	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 12,20,27,34 Batch: WG2032211-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/20/25 13:56	02/20/25 17:35	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.095	1	02/20/25 13:56	02/20/25 17:35	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.242	1	02/20/25 13:56	02/22/25 13:46	1,6010D	EFM

Prep Information

Digestion Method: EPA 3050B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 12,20 Batch: WG2032221-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/20/25 15:19	02/20/25 20:37	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21 Batch: WG2034943-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/27/25 23:02	02/28/25 08:38	1,7471B	CME

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 22 Batch: WG2037240-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/06/25 08:38	03/06/25 09:37	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08 Batch: WG2028274-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	104		-		80-120	-		
Arsenic, Total	98		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	98		-		80-120	-		
Cadmium, Total	92		-		80-120	-		
Calcium, Total	102		-		80-120	-		
Chromium, Total	96		-		80-120	-		
Cobalt, Total	94		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	104		-		80-120	-		
Lead, Total	96		-		80-120	-		
Magnesium, Total	97		-		80-120	-		
Manganese, Total	99		-		80-120	-		
Nickel, Total	98		-		80-120	-		
Potassium, Total	106		-		80-120	-		
Selenium, Total	97		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	105		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	97		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08 Batch: WG2028274-2					
Zinc, Total	91	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 08 Batch: WG2028275-2					
Mercury, Total	90	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 40 Batch: WG2029060-2					
Zinc, Total	92	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11,17,39 Batch: WG2029378-2					
Aluminum, Total	94	-	80-120	-	
Antimony, Total	88	-	80-120	-	
Arsenic, Total	89	-	80-120	-	
Barium, Total	92	-	80-120	-	
Beryllium, Total	96	-	80-120	-	
Cadmium, Total	87	-	80-120	-	
Calcium, Total	97	-	80-120	-	
Chromium, Total	93	-	80-120	-	
Cobalt, Total	86	-	80-120	-	
Copper, Total	94	-	80-120	-	
Iron, Total	94	-	80-120	-	
Lead, Total	92	-	80-120	-	
Magnesium, Total	96	-	80-120	-	
Manganese, Total	95	-	80-120	-	
Nickel, Total	93	-	80-120	-	
Potassium, Total	99	-	80-120	-	
Selenium, Total	90	-	80-120	-	
Silver, Total	93	-	80-120	-	
Sodium, Total	97	-	80-120	-	
Thallium, Total	91	-	80-120	-	
Vanadium, Total	92	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11,17,39 Batch: WG2029378-2					
Zinc, Total	84	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 11,17,39 Batch: WG2029390-2					
Mercury, Total	95	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33,38 Batch: WG2029425-2					
Aluminum, Total	95	-	80-120	-	
Antimony, Total	102	-	80-120	-	
Arsenic, Total	94	-	80-120	-	
Barium, Total	96	-	80-120	-	
Beryllium, Total	100	-	80-120	-	
Cadmium, Total	97	-	80-120	-	
Calcium, Total	99	-	80-120	-	
Chromium, Total	97	-	80-120	-	
Cobalt, Total	98	-	80-120	-	
Copper, Total	99	-	80-120	-	
Iron, Total	103	-	80-120	-	
Lead, Total	96	-	80-120	-	
Magnesium, Total	100	-	80-120	-	
Manganese, Total	99	-	80-120	-	
Nickel, Total	100	-	80-120	-	
Potassium, Total	98	-	80-120	-	
Selenium, Total	93	-	80-120	-	
Silver, Total	98	-	80-120	-	
Sodium, Total	96	-	80-120	-	
Thallium, Total	97	-	80-120	-	
Vanadium, Total	99	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33,38 Batch: WG2029425-2					
Zinc, Total	98	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-10,18,25-26,32 Batch: WG2029573-2					
Aluminum, Total	98	-	80-120	-	
Antimony, Total	102	-	80-120	-	
Arsenic, Total	98	-	80-120	-	
Barium, Total	98	-	80-120	-	
Beryllium, Total	102	-	80-120	-	
Cadmium, Total	97	-	80-120	-	
Calcium, Total	101	-	80-120	-	
Chromium, Total	98	-	80-120	-	
Cobalt, Total	99	-	80-120	-	
Copper, Total	101	-	80-120	-	
Iron, Total	102	-	80-120	-	
Lead, Total	99	-	80-120	-	
Magnesium, Total	102	-	80-120	-	
Manganese, Total	100	-	80-120	-	
Nickel, Total	99	-	80-120	-	
Potassium, Total	103	-	80-120	-	
Selenium, Total	96	-	80-120	-	
Silver, Total	100	-	80-120	-	
Sodium, Total	103	-	80-120	-	
Thallium, Total	101	-	80-120	-	
Vanadium, Total	100	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-10,18,25-26,32 Batch: WG2029573-2					
Zinc, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 09-10,18,25-26,32 Batch: WG2029578-2					
Mercury, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 33,38 Batch: WG2029579-2					
Mercury, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 12,20,27,34 Batch: WG2032211-2					
Arsenic, Total	96	-	80-120	-	
Lead, Total	95	-	80-120	-	
Zinc, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 12,20 Batch: WG2032221-2					
Mercury, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 21 Batch: WG2034943-2					
Mercury, Total	95	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 22 Batch: WG2037240-2					
Mercury, Total	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG2028274-3 QC Sample: L2506741-01 Client ID: MS Sample												
Aluminum, Total	ND	2	2.02	101		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.560	112		-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.131	109		-	-		75-125	-		20
Barium, Total	0.161	2	2.11	97		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.0486	97		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.0513	97		-	-		75-125	-		20
Calcium, Total	89.6	10	96.7	**71**	Q	-	-		75-125	-		20
Chromium, Total	ND	0.2	0.188	94		-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.486	97		-	-		75-125	-		20
Copper, Total	0.003J	0.25	0.264	106		-	-		75-125	-		20
Iron, Total	ND	1	1.01	101		-	-		75-125	-		20
Lead, Total	ND	0.53	0.508	96		-	-		75-125	-		20
Magnesium, Total	18.0	10	26.7	87		-	-		75-125	-		20
Manganese, Total	0.025	0.5	0.507	96		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.502	100		-	-		75-125	-		20
Potassium, Total	8.36	10	18.6	102		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.128	107		-	-		75-125	-		20
Silver, Total	ND	0.05	0.0527	105		-	-		75-125	-		20
Sodium, Total	213	10	216	**30**	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.112	93		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.479	96		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG2028274-3 QC Sample: L2506741-01 Client ID: MS Sample										
Zinc, Total	0.0517	0.5	0.536	97		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG2028275-3 QC Sample: L2507054-01 Client ID: MS Sample										
Mercury, Total	ND	0.005	0.00479	96		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 40 QC Batch ID: WG2029060-3 QC Sample: L2506697-01 Client ID: MS Sample										
Zinc, Total	57.9	57.1	100	**74**	Q	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11,17,39 QC Batch ID: WG2029378-3 WG2029378-4 QC Sample: L2506753-04 Client ID: MS Sample											
Aluminum, Total	7840	183	8800	**525**	Q	8460	**358**	Q	75-125	4	20
Antimony, Total	ND	45.7	16.4	**36**	Q	16.9	**39**	Q	75-125	3	20
Arsenic, Total	1.53	11	11.3	89		11.0	91		75-125	3	20
Barium, Total	20.3	183	184	89		174	89		75-125	6	20
Beryllium, Total	0.439J	4.57	4.66	102		4.47	103		75-125	4	20
Cadmium, Total	ND	4.85	3.96	82		3.79	82		75-125	4	20
Calcium, Total	527	915	1370	92		1250	83		75-125	9	20
Chromium, Total	15.4	18.3	33.5	99		32.2	97		75-125	4	20
Cobalt, Total	3.87	45.7	43.1	86		41.5	87		75-125	4	20
Copper, Total	7.87	22.9	30.4	98		29.0	98		75-125	5	20
Iron, Total	14600	91.5	16300	**1860**	Q	15800	**1380**	Q	75-125	3	20
Lead, Total	4.38J	48.5	50.5	104		47.7	104		75-125	6	20
Magnesium, Total	1560	915	2460	98		2370	93		75-125	4	20
Manganese, Total	81.7	45.7	133	112		133	118		75-125	0	20
Nickel, Total	8.30	45.7	48.2	87		46.2	87		75-125	4	20
Potassium, Total	372	915	1270	98		1210	97		75-125	5	20
Selenium, Total	ND	11	9.28	84		8.98	86		75-125	3	20
Silver, Total	ND	4.57	3.95	86		3.76	87		75-125	5	20
Sodium, Total	ND	915	886	97		842	97		75-125	5	20
Thallium, Total	ND	11	9.80	89		9.42	90		75-125	4	20
Vanadium, Total	19.4	45.7	61.8	93		60.1	94		75-125	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11,17,39 QC Batch ID: WG2029378-3 WG2029378-4 QC Sample: L2506753-04 Client ID: MS Sample									
Zinc, Total	19.5	45.7	58.6	85	56.2	85	75-125	4	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11,17,39 QC Batch ID: WG2029378-9 WG2029378-10 QC Sample: L2506753-07 Client ID: MS Sample												
Aluminum, Total	7090	179	9140	**1140**	Q	9930	**1590**	Q	75-125	8		20
Antimony, Total	ND	44.8	14.8	**33**	Q	16.4	**37**	Q	75-125	10		20
Arsenic, Total	5.47	10.8	11.5	**56**	Q	10.6	**48**	Q	75-125	8		20
Barium, Total	73.0	179	218	81		213	78		75-125	2		20
Beryllium, Total	0.387J	4.48	4.66	104		4.66	104		75-125	0		20
Cadmium, Total	0.119J	4.75	4.31	91		4.15	88		75-125	4		20
Calcium, Total	3020	896	5930	**324**	Q	14800	**1320**	Q	75-125	**86**	Q	20
Chromium, Total	10.8	17.9	28.5	99		29.9	107		75-125	5		20
Cobalt, Total	3.38	44.8	43.4	89		42.3	87		75-125	3		20
Copper, Total	22.3	22.4	38.5	**72**	Q	42.7	92		75-125	10		20
Iron, Total	8570	89.6	9380	**903**	Q	10600	**2280**	Q	75-125	12		20
Lead, Total	178	47.5	192	**29**	Q	163	**0**	Q	75-125	16		20
Magnesium, Total	1030	896	2720	**188**	Q	3360	**261**	Q	75-125	**21**	Q	20
Manganese, Total	96.8	44.8	148	114		176	**178**	Q	75-125	17		20
Nickel, Total	9.20	44.8	48.9	88		48.8	89		75-125	0		20
Potassium, Total	634	896	1330	78		1300	75		75-125	2		20
Selenium, Total	0.325J	10.8	9.99	93		9.95	93		75-125	0		20
Silver, Total	ND	4.48	4.47	100		4.47	100		75-125	0		20
Sodium, Total	106J	896	969	108		913	102		75-125	6		20
Thallium, Total	ND	10.8	9.76	91		9.93	93		75-125	2		20
Vanadium, Total	14.9	44.8	57.1	94		57.7	96		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11,17,39 QC Batch ID: WG2029378-9 WG2029378-10 QC Sample: L2506753-07 Client ID: MS Sample											
Zinc, Total	98.0	44.8	104	**13**	Q	94.9	**0**	Q	75-125	9	20
Total Metals - Mansfield Lab Associated sample(s): 11,17,39 QC Batch ID: WG2029390-3 WG2029390-4 QC Sample: L2506753-04 Client ID: MS Sample											
Mercury, Total	ND	1.53	1.48	97		1.69	94		80-120	13	20
Total Metals - Mansfield Lab Associated sample(s): 11,17,39 QC Batch ID: WG2029390-5 WG2029390-6 QC Sample: L2506753-07 Client ID: MS Sample											
Mercury, Total	0.615	1.56	2.44	117		2.69	118		80-120	10	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33,38 QC Batch ID: WG2029425-3 WG2029425-4 QC Sample: L2506645-33 Client ID: TS-06R-1.5-2												
Aluminum, Total	14800	187	14200	**0**	Q	14400	**0**	Q	75-125	1		20
Antimony, Total	ND	46.8	13.8	**29**	Q	14.3	**31**	Q	75-125	4		20
Arsenic, Total	6.03	11.2	14.0	**71**	Q	22.8	**153**	Q	75-125	**48**	Q	20
Barium, Total	116	187	282	88		275	87		75-125	3		20
Beryllium, Total	0.560	4.68	4.99	94		4.95	96		75-125	1		20
Cadmium, Total	0.360J	4.97	4.56	92		4.58	95		75-125	0		20
Calcium, Total	3230	937	4650	**152**	Q	3240	**1**	Q	75-125	**36**	Q	20
Chromium, Total	21.3	18.7	35.4	75		37.3	88		75-125	5		20
Cobalt, Total	10.4	46.8	49.6	84		50.5	88		75-125	2		20
Copper, Total	48.3	23.4	67.3	81		69.9	95		75-125	4		20
Iron, Total	19600	93.7	17900	**0**	Q	19100	**0**	Q	75-125	6		20
Lead, Total	103	49.7	216	**228**	Q	192	**184**	Q	75-125	12		20
Magnesium, Total	5340	937	6620	**136**	Q	6430	119		75-125	3		20
Manganese, Total	430	46.8	475	96		463	**72**	Q	75-125	3		20
Nickel, Total	20.4	46.8	58.1	80		61.6	90		75-125	6		20
Potassium, Total	1980	937	2800	88		2350	**40**	Q	75-125	17		20
Selenium, Total	ND	11.2	9.44	84		9.32	85		75-125	1		20
Silver, Total	ND	4.68	4.52	96		4.50	98		75-125	0		20
Sodium, Total	ND	937	924	99		917	100		75-125	1		20
Thallium, Total	0.893J	11.2	11.0	98		10.8	98		75-125	2		20
Vanadium, Total	26.9	46.8	66.2	84		67.3	88		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33,38 QC Batch ID: WG2029425-3 WG2029425-4 QC Sample: L2506645-33 Client ID: TS-06R-1.5-2										
Zinc, Total	119	46.8	154	75	150	**68**	Q	75-125	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33,38-3.5	QC Batch ID: WG2029425-7	WG2029425-8	QC Sample: L2506645-38	Client ID: TS-08R-0-								
Aluminum, Total	12500	174	10700	**0**	Q	13400	**508**	Q	75-125	**22**	Q	20
Antimony, Total	ND	43.5	13.7	**32**	Q	17.5	**40**	Q	75-125	**24**	Q	20
Arsenic, Total	6.41	10.4	15.0	82		12.9	**61**	Q	75-125	15		20
Barium, Total	98.1	174	250	87		258	90		75-125	3		20
Beryllium, Total	0.425J	4.35	4.73	109		4.87	110		75-125	3		20
Cadmium, Total	0.226J	4.61	4.67	101		4.54	97		75-125	3		20
Calcium, Total	27100	869	21700	**0**	Q	20700	**0**	Q	75-125	5		20
Chromium, Total	24.0	17.4	37.1	75		48.2	**137**	Q	75-125	**26**	Q	20
Cobalt, Total	7.83	43.5	48.1	93		49.9	95		75-125	4		20
Copper, Total	26.4	21.7	45.1	86		50.1	107		75-125	11		20
Iron, Total	19500	86.9	16400	**0**	Q	17700	**0**	Q	75-125	8		20
Lead, Total	59.4	46.1	114	118		4300	**9030**	Q	75-125	**190**	Q	20
Magnesium, Total	6590	869	5720	**0**	Q	6680	**10**	Q	75-125	15		20
Manganese, Total	320	43.5	312	**0**	Q	354	77		75-125	13		20
Nickel, Total	21.4	43.5	56.9	82		58.5	84		75-125	3		20
Potassium, Total	1700	869	2280	**67**	Q	2520	92		75-125	10		20
Selenium, Total	ND	10.4	9.71	93		8.75	82		75-125	10		20
Silver, Total	ND	4.35	4.44	102		4.54	102		75-125	2		20
Sodium, Total	ND	869	1010	116		1020	115		75-125	1		20
Thallium, Total	ND	10.4	11.0	105		11.4	107		75-125	4		20
Vanadium, Total	29.8	43.5	66.6	85		70.7	92		75-125	6		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33,38-3.5	QC Batch ID: WG2029425-7	WG2029425-8	QC Sample: L2506645-38	Client ID: TS-08R-0-						
Zinc, Total	103	43.5	136	76	134	**70**	Q	75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-10,18,25-26,32 QC Batch ID: WG2029573-3 WG2029573-4 QC Sample: L2500778-17 Client ID: MS Sample											
Aluminum, Total	6750	152	7250	**328**	Q	7010	**170**	Q	75-125	3	20
Antimony, Total	ND	38.1	15.5	**41**	Q	15.4	**40**	Q	75-125	1	20
Arsenic, Total	2.13	9.15	9.58	81		9.12	76		75-125	5	20
Barium, Total	40.0	152	190	98		181	92		75-125	5	20
Beryllium, Total	0.310J	3.81	4.15	109		4.03	105		75-125	3	20
Cadmium, Total	0.090J	4.04	3.80	94		3.72	92		75-125	2	20
Calcium, Total	2990	763	2730	**0**	Q	2660	**0**	Q	75-125	3	20
Chromium, Total	11.2	15.2	25.4	93		25.0	90		75-125	2	20
Cobalt, Total	3.27	38.1	38.5	92		37.7	90		75-125	2	20
Copper, Total	16.0	19.1	38.3	117		39.3	122		75-125	3	20
Iron, Total	9400	76.3	8480	**0**	Q	9340	**0**	Q	75-125	10	20
Lead, Total	98.8	40.4	155	**139**	Q	135	89		75-125	14	20
Magnesium, Total	1540	763	2020	**63**	Q	2000	**60**	Q	75-125	1	20
Manganese, Total	105	38.1	109	**10**	Q	116	**29**	Q	75-125	6	20
Nickel, Total	7.84	38.1	44.0	95		42.9	91		75-125	3	20
Potassium, Total	363	763	1080	94		1020	86		75-125	6	20
Selenium, Total	ND	9.15	8.22	90		7.81	85		75-125	5	20
Silver, Total	ND	3.81	3.95	104		3.77	98		75-125	5	20
Sodium, Total	ND	763	791	104		753	98		75-125	5	20
Thallium, Total	ND	9.15	8.93	98		8.64	94		75-125	3	20
Vanadium, Total	14.8	38.1	49.7	92		49.7	91		75-125	0	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-10,18,25-26,32 QC Batch ID: WG2029573-3 WG2029573-4 QC Sample: L2500778-17 Client ID: MS Sample										
Zinc, Total	44.0	38.1	92.4	**127**	Q	85.3	108	75-125	8	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-10,18,25-26,32 QC Batch ID: WG2029573-7 WG2029573-8 QC Sample: L2506645-26 Client ID: TS-07R-1-1.5											
Aluminum, Total	13800	187	13100	**0**	Q	13700	**0**	Q	75-125	4	20
Antimony, Total	ND	46.8	14.9	**32**	Q	15.2	**33**	Q	75-125	2	20
Arsenic, Total	6.00	11.2	16.0	89		17.1	101		75-125	7	20
Barium, Total	127	187	276	80		278	82		75-125	1	20
Beryllium, Total	0.628	4.68	4.96	92		5.01	95		75-125	1	20
Cadmium, Total	0.325J	4.96	4.76	96		4.91	101		75-125	3	20
Calcium, Total	1930	937	2640	76		2680	82		75-125	2	20
Chromium, Total	16.5	18.7	31.9	82		33.5	92		75-125	5	20
Cobalt, Total	8.64	46.8	49.5	87		51.1	92		75-125	3	20
Copper, Total	20.2	23.4	37.1	**72**	Q	39.8	85		75-125	7	20
Iron, Total	18800	93.7	16400	**0**	Q	19100	**326**	Q	75-125	15	20
Lead, Total	84.3	49.6	130	92		115	**63**	Q	75-125	12	20
Magnesium, Total	3660	937	4280	**66**	Q	4410	82		75-125	3	20
Manganese, Total	701	46.8	687	**0**	Q	746	98		75-125	8	20
Nickel, Total	14.9	46.8	55.2	86		56.9	91		75-125	3	20
Potassium, Total	964	937	1680	76		1690	79		75-125	1	20
Selenium, Total	ND	11.2	10.2	91		10.6	96		75-125	4	20
Silver, Total	ND	4.68	4.54	97		4.67	102		75-125	3	20
Sodium, Total	ND	937	941	100		954	104		75-125	1	20
Thallium, Total	ND	11.2	11.1	99		11.2	102		75-125	1	20
Vanadium, Total	24.2	46.8	65.0	87		66.7	92		75-125	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-10,18,25-26,32 QC Batch ID: WG2029573-7 WG2029573-8 QC Sample: L2506645-26 Client ID: TS-07R-1-1.5												
Zinc, Total	148	46.8	156	**17**	Q	206	**126**	Q	75-125	**28**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 09-10,18,25-26,32 QC Batch ID: WG2029578-3 WG2029578-4 QC Sample: L2506645-26 Client ID: TS-07R-1-1.5												
Mercury, Total	0.111	1.68	1.72	96		1.54	94		80-120	11		20
Total Metals - Mansfield Lab Associated sample(s): 33,38 QC Batch ID: WG2029579-3 WG2029579-4 QC Sample: L2506645-33 Client ID: TS-06R-1.5-2												
Mercury, Total	0.129	1.62	1.69	96		1.78	101		80-120	5		20
Total Metals - Mansfield Lab Associated sample(s): 33,38 QC Batch ID: WG2029579-5 WG2029579-6 QC Sample: L2506645-38 Client ID: TS-08R-0-3.5												
Mercury, Total	0.146	1.6	1.77	102		1.64	99		80-120	8		20
Total Metals - Mansfield Lab Associated sample(s): 12,20,27,34 QC Batch ID: WG2032211-3 QC Sample: L2508588-01 Client ID: MS Sample												
Arsenic, Total	1.89	11.3	8.71	**60**	Q	-	-		75-125	-		20
Lead, Total	4.26J	50.1	32.9	**66**	Q	-	-		75-125	-		20
Zinc, Total	28.2	47.3	77.7	105		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 12,20 QC Batch ID: WG2032221-3 QC Sample: L2508588-01 Client ID: MS Sample												
Mercury, Total	ND	1.84	1.71	93		-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 21 QC Batch ID: WG2034943-3 QC Sample: L2509205-11 Client ID: MS Sample												
Mercury, Total	5.47	1.51	6.70	81		-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 22 QC Batch ID: WG2037240-3 QC Sample: L2509222-05 Client ID: MS Sample												
Mercury, Total	0.618	1.8	3.37	**153**	Q	-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001

Lab Number: L2506645

Report Date: 03/13/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG2028274-4 QC Sample: L2506741-01 Client ID: DUP Sample						
Iron, Total	ND	ND	mg/l	NC		20
Zinc, Total	0.0517	0.0505	mg/l	2		20
Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG2028275-4 QC Sample: L2507054-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 12,20,27,34 QC Batch ID: WG2032211-4 QC Sample: L2508588-01 Client ID: DUP Sample						
Arsenic, Total	1.89	2.27	mg/kg	18		20
Lead, Total	4.26J	6.33	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 12,20,27,34 QC Batch ID: WG2032211-4 QC Sample: L2508588-01 Client ID: DUP Sample						
Zinc, Total	28.2	31.4	mg/kg	11		20
Total Metals - Mansfield Lab Associated sample(s): 12,20 QC Batch ID: WG2032221-4 QC Sample: L2508588-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 21 QC Batch ID: WG2034943-4 QC Sample: L2509205-11 Client ID: DUP Sample						
Mercury, Total	5.47	5.06	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 22 QC Batch ID: WG2037240-4 QC Sample: L2509222-05 Client ID: DUP Sample						
Mercury, Total	0.618	1.10	mg/kg	**56**	Q	20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11,17,39 QC Batch ID: WG2029378-12 QC Sample: L2506753-07 Client ID: DUP Sample						
Aluminum, Total	7090	7230	mg/kg	2		20
Barium, Total	73.0	74.8	mg/kg	2		20
Calcium, Total	3020	3030	mg/kg	0		20
Iron, Total	8570	8940	mg/kg	4		20
Lead, Total	178	177	mg/kg	1		20
Magnesium, Total	1030	1060	mg/kg	3		20
Manganese, Total	96.8	96.4	mg/kg	0		20
Total Metals - Mansfield Lab Associated sample(s): 11,17,39 QC Batch ID: WG2029378-6 QC Sample: L2506753-04 Client ID: DUP Sample						
Aluminum, Total	7840	8230	mg/kg	5		20
Calcium, Total	527	567	mg/kg	8		20
Iron, Total	14600	15200	mg/kg	4		20
Magnesium, Total	1560	1660	mg/kg	6		20
Manganese, Total	81.7	85.9	mg/kg	5		20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	Serial Dilution	Units	% D	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33,38 QC Batch ID: WG2029425-10 QC Sample: L2506645-38 Client ID: TS-08R-0-3.5					
Aluminum, Total	12500	12800	mg/kg	2	20
Barium, Total	98.1	99.4	mg/kg	1	20
Calcium, Total	27100	27200	mg/kg	0	20
Iron, Total	19500	20200	mg/kg	4	20
Magnesium, Total	6590	7080	mg/kg	7	20
Manganese, Total	320	320	mg/kg	0	20
Total Metals - Mansfield Lab Associated sample(s): 33,38 QC Batch ID: WG2029425-6 QC Sample: L2506645-33 Client ID: TS-06R-1.5-2					
Aluminum, Total	14800	15700	mg/kg	6	20
Barium, Total	116	121	mg/kg	4	20
Calcium, Total	3230	3420	mg/kg	6	20
Copper, Total	48.3	50.2	mg/kg	4	20
Iron, Total	19600	22200	mg/kg	13	20
Magnesium, Total	5340	5830	mg/kg	9	20
Manganese, Total	430	459	mg/kg	7	20
Vanadium, Total	26.9	28.2	mg/kg	5	20
Zinc, Total	119	128	mg/kg	8	20
Total Metals - Mansfield Lab Associated sample(s): 09-10,18,25-26,32 QC Batch ID: WG2029573-10 QC Sample: L2506645-26 Client ID: TS-07R-1-1.5					
Magnesium, Total	3660	3830	mg/kg	5	20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-01
Client ID: TEI-SB-04-1-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 08:40
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.3		%	0.100	NA	1	-	02/07/25 10:19	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-03
Client ID: TEI-SB-01-8-8.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 09:30
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	02/07/25 10:19	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-08
Client ID: FB-250206
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Water

Date Collected: 02/06/25 10:00
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	02/07/25 06:58	02/07/25 07:17	1,7196A	DMO

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-09
Client ID: TS-01R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 10:35
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	02/07/25 10:19	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.937	0.187	1	02/11/25 14:30	02/12/25 13:02	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-10
Client ID: TS-01R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 10:25
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	02/07/25 10:19	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.952	0.190	1	02/11/25 14:30	02/12/25 13:02	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-11
Client ID: DUP-07
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 10:30
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	02/07/25 10:19	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.966	0.193	1	02/11/25 14:30	02/12/25 13:02	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-12
Client ID: TS-01R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 10:45
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	02/17/25 17:53	121,2540G	JAC

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-17
Client ID: TS-02R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 11:05
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.6		%	0.100	NA	1	-	02/07/25 10:19	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.07	0.214	1	02/11/25 14:30	02/12/25 13:02	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-18
Client ID: TS-02R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 11:15
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.2		%	0.100	NA	1	-	02/07/25 10:19	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.985	0.197	1	02/11/25 14:30	02/12/25 13:02	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-20
Client ID: TS-02R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 11:25
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	02/17/25 17:53	121,2540G	JAC

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-21
Client ID: TS-02R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 11:30
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	02/25/25 08:08	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-22
Client ID: TS-02R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 11:28
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	03/05/25 11:07	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-23
Client ID: TS-02R-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 11:26
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	03/05/25 11:07	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-24
Client ID: TS-02R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 11:23
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	03/05/25 11:07	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-25
Client ID: TS-07R-0-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 11:50
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	02/07/25 10:19	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.957	0.191	1	02/11/25 14:30	02/12/25 13:02	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-26
Client ID: TS-07R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 12:00
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	02/07/25 10:19	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.964	0.193	1	02/11/25 14:30	02/12/25 13:02	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-27
Client ID: TS-07R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 12:05
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	02/17/25 17:53	121,2540G	JAC

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-32
Client ID: TS-06R-0-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 12:50
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	02/07/25 10:19	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.990	0.198	1	02/11/25 14:30	02/12/25 13:02	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-33
Client ID: TS-06R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 12:55
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	02/07/25 10:19	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.958	0.192	1	02/11/25 14:30	02/12/25 13:24	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-34
Client ID: TS-06R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 13:05
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	02/17/25 17:53	121,2540G	JAC

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-38
Client ID: TS-08R-0-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 13:45
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	02/07/25 10:19	121,2540G	ROI
Chromium, Hexavalent	1.49		mg/kg	0.915	0.183	1	02/11/25 14:30	02/12/25 13:38	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-39
Client ID: TS-08R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 13:50
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	02/07/25 10:19	121,2540G	ROI
Chromium, Hexavalent	0.348	J	mg/kg	0.897	0.179	1	02/11/25 14:30	02/12/25 13:02	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

SAMPLE RESULTS

Lab ID: L2506645-40
Client ID: H02R-4-5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 14:13
Date Received: 02/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	02/07/25 10:19	121,2540G	ROI

Project Name: ELMWOOD PRESERVE **Lab Number:** L2506645

Project Number: CV04.001 **Report Date:** 03/13/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 08 Batch: WG2027726-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	02/07/25 06:58	02/07/25 07:15	1,7196A	DMO
General Chemistry - Westborough Lab for sample(s): 09-11,17-18,25-26,32,39 Batch: WG2028957-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/11/25 14:30	02/12/25 13:02	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 33 Batch: WG2028958-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/11/25 14:30	02/12/25 13:24	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 38 Batch: WG2028960-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/11/25 14:30	02/12/25 13:38	1,7196A	RDS

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 08 Batch: WG2027726-2								
Chromium, Hexavalent	98		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 09-11,17-18,25-26,32,39 Batch: WG2028957-2								
Chromium, Hexavalent	104		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 33 Batch: WG2028958-2								
Chromium, Hexavalent	104		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 38 Batch: WG2028960-2								
Chromium, Hexavalent	104		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 08 QC Batch ID: WG2027726-4 QC Sample: L2506645-08 Client ID: FB-250206												
Chromium, Hexavalent	ND	0.1	0.096	96		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 09-11,17-18,25-26,32,39 QC Batch ID: WG2028957-4 WG2028957-5 QC Sample: L2506645-26 Client ID: TS-07R-1-1.5												
Chromium, Hexavalent	ND	1090	1040	96		1090	91		75-125	5		20
General Chemistry - Westborough Lab Associated sample(s): 33 QC Batch ID: WG2028958-4 WG2028958-5 QC Sample: L2506645-33 Client ID: TS-06R-1.5-2												
Chromium, Hexavalent	ND	1070	1030	96		1520	91		75-125	5		20
General Chemistry - Westborough Lab Associated sample(s): 38 QC Batch ID: WG2028960-4 WG2028960-5 QC Sample: L2506645-38 Client ID: TS-08R-0-3.5												
Chromium, Hexavalent	1.49	1260	1150	91		1090	96		75-125	5		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 08 QC Batch ID: WG2027726-3 QC Sample: L2506645-08 Client ID: FB-250206						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,09-11,17-18,25-26,32-33,38-40 QC Batch ID: WG2027746-1 QC Sample: L2506645-33 Client ID: TS-06R-1.5-2						
Solids, Total	83.5	81.5	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 09-11,17-18,25-26,32,39 QC Batch ID: WG2028957-7 QC Sample: L2506645-26 Client ID: TS-07R-1-1.5						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 33 QC Batch ID: WG2028958-7 QC Sample: L2506645-33 Client ID: TS-06R-1.5-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 38 QC Batch ID: WG2028960-7 QC Sample: L2506645-38 Client ID: TS-08R-0-3.5						
Chromium, Hexavalent	1.49	2.40	mg/kg	**47**	Q	20
General Chemistry - Westborough Lab Associated sample(s): 12,20,27,34 QC Batch ID: WG2031101-1 QC Sample: L2506139-39 Client ID: DUP Sample						
Solids, Total	87.2	87.8	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 21 QC Batch ID: WG2033735-1 QC Sample: L2506645-21 Client ID: TS-02R-2-2.5						
Solids, Total	87.2	87.0	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 22-24 QC Batch ID: WG2036807-1 QC Sample: L2506645-22 Client ID: TS-02R-2.5-3						
Solids, Total	85.3	85.7	%	0		20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506645-01A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-01B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-01C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-01D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2506645-01E	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14)
L2506645-01X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-01Y	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	NYTCL-8260HLW(14)
L2506645-01Z	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	NYTCL-8260HLW(14)
L2506645-02D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		HOLD-WETCHEM()
L2506645-02E	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		HOLD-8270(14)
L2506645-02X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		ARCHIVE()
L2506645-02Y	Vial Water preserved split	B	NA		4.6	Y	Absent		ARCHIVE()
L2506645-02Z	Vial Water preserved split	B	NA		4.6	Y	Absent		ARCHIVE()
L2506645-03A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2506645-03B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2506645-03C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2506645-03D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2506645-03E	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14)
L2506645-03X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2506645-03Y	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2506645-03Z	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	NYTCL-8260H(14),NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506645-04A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		HOLD-8260HLW(14)
L2506645-04B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		HOLD-8260HLW(14)
L2506645-04C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		HOLD-8260HLW(14)
L2506645-04D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		HOLD-WETCHEM()
L2506645-04E	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		HOLD-8270(14)
L2506645-04X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		HOLD-8260HLW(14)
L2506645-04Y	Vial Water preserved split	B	NA		4.6	Y	Absent	08-FEB-25 09:10	HOLD-8260HLW(14)
L2506645-04Z	Vial Water preserved split	B	NA		4.6	Y	Absent	08-FEB-25 09:10	HOLD-8260HLW(14)
L2506645-05A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		HOLD-8260HLW(14)
L2506645-05B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		HOLD-8260HLW(14)
L2506645-05C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		HOLD-8260HLW(14)
L2506645-05D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		HOLD-WETCHEM()
L2506645-05E	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		HOLD-8270(14)
L2506645-05X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		HOLD-8260HLW(14)
L2506645-05Y	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	HOLD-8260HLW(14)
L2506645-05Z	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	HOLD-8260HLW(14)
L2506645-06A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		HOLD-8260HLW(14)
L2506645-06B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		HOLD-8260HLW(14)
L2506645-06C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		HOLD-8260HLW(14)
L2506645-06D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		HOLD-WETCHEM()
L2506645-06E	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		HOLD-8270(14)
L2506645-06X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		HOLD-8260HLW(14)
L2506645-06Y	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	HOLD-8260HLW(14)
L2506645-06Z	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	HOLD-8260HLW(14)
L2506645-07A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-07B	Vial water preserved	B	NA		4.6	Y	Absent	07-FEB-25 07:42	NYTCL-8260HLW(14)
L2506645-07C	Vial water preserved	B	NA		4.6	Y	Absent	07-FEB-25 07:42	NYTCL-8260HLW(14)
L2506645-08A	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506645-08B	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260(14)
L2506645-08C	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260(14)
L2506645-08D	Amber 100ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8270-RVT(7)
L2506645-08E	Amber 100ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8270-RVT(7)
L2506645-08F	Amber 100ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8081-RVT(7)
L2506645-08G	Amber 100ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8081-RVT(7)
L2506645-08H	Amber 100ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8082-RVT(365)
L2506645-08J	Amber 100ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8082-RVT(365)
L2506645-08K	Plastic 250ml unpreserved	B	7	7	4.6	Y	Absent		HEXCR-7196(1)
L2506645-08L	Plastic 250ml HNO3 preserved	B	<2	<2	4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2506645-09A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-09B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-09C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-09D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2506645-09E	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2506645-09F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506645-09G	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506645-09X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-09Y	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	NYTCL-8260HLW(14)
L2506645-09Z	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506645-10A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2506645-10B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506645-10C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506645-11A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2506645-11B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506645-11C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506645-12A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		AS-TI(180),PB-TI(180),HG-T(28)
L2506645-12B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		TS(7),NYTCL-8081(14),HOLD-8270(14)
L2506645-12C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8081(14),HOLD-8270(14)
L2506645-13A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		HOLD-METAL(180)
L2506645-13B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14)
L2506645-13C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8270(14),HOLD-8081(14)
L2506645-14A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		HOLD-METAL(180)
L2506645-14B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14)
L2506645-14C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8270(14),HOLD-8081(14)
L2506645-15A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506645-15B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506645-15C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8081(14),HOLD-8270(14)
L2506645-16A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		HOLD-METAL(180)
L2506645-16B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506645-16C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14),HOLD-8081(14),HOLD-8270(14)
L2506645-17A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-17B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-17C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-17D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2506645-17E	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2506645-17F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506645-17G	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506645-17X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-17Y	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	NYTCL-8260HLW(14)
L2506645-17Z	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	NYTCL-8260HLW(14)
L2506645-18A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2506645-18B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506645-18C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506645-19A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		HOLD-METAL(180)
L2506645-19B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2506645-19C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		HOLD-8081(14)
L2506645-20A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		AS-TI(180),PB-TI(180),HG-T(28)
L2506645-20B	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14),HOLD-8270(14)
L2506645-20C	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8081(14),HOLD-8270(14)
L2506645-21A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		HG-T(28)
L2506645-21B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		TS(7),HOLD-8270(14),HOLD-8081(14)
L2506645-21C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		HOLD-8270(14),HOLD-8081(14)
L2506645-22A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HG-T(28)
L2506645-22B	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		TS(7),HOLD-8081(14),HOLD-8270(14)
L2506645-22C	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506645-23A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		-
L2506645-23B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		TS(7),HOLD-8270(14),HOLD-8081(14)
L2506645-23C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		HOLD-8270(14),HOLD-8081(14)
L2506645-24A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		-
L2506645-24B	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		TS(7),HOLD-8081(14),HOLD-8270(14)
L2506645-24C	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506645-25A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-25B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-25C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-25D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2506645-25E	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506645-25F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506645-25G	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506645-25X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-25Y	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	NYTCL-8260HLW(14)
L2506645-25Z	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	NYTCL-8260HLW(14)
L2506645-26A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2506645-26A1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2506645-26A2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2506645-26B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506645-26B1	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506645-26B2	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506645-26C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506645-26C1	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506645-26C2	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506645-27A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		PB-TI(180),ZN-TI(180)
L2506645-27B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		TS(7),NYTCL-8081(14),HOLD-8270(14)
L2506645-27C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8081(14),HOLD-8270(14)
L2506645-28A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-METAL(180)
L2506645-28B	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506645-28C	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506645-29A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		HOLD-METAL(180)
L2506645-29B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506645-29C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506645-30A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		HOLD-METAL(180)
L2506645-30B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506645-30C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506645-31A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		HOLD-METAL(180)
L2506645-31B	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506645-31C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506645-32A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-32B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-32C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-32D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2506645-32E	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2506645-32F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506645-32G	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506645-32X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-32Y	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	NYTCL-8260HLW(14)
L2506645-33A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2506645-33A1	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2506645-33A2	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2506645-33B	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506645-33B1	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506645-33B2	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14),HEXCR-7196(30)
L2506645-33C	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2506645-33C1	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8081(14),HEXCR-7196(30)
L2506645-33C2	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8081(14),HEXCR-7196(30)
L2506645-34A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		ZN-TI(180),PB-TI(180),NYTCL-8081(14)
L2506645-34B	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14),HOLD-8270(14)
L2506645-34C	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		HOLD-8270(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506645-35A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-METAL(180)
L2506645-35B	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506645-35C	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506645-36A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-METAL(180)
L2506645-36B	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506645-36C	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506645-37A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-METAL(180)
L2506645-37B	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14)
L2506645-37C	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		HOLD-8081(14),HOLD-8270(14)
L2506645-38A	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-38B	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-38C	5 gram Encore Sampler	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-38D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2506645-38D1	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2506645-38D2	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2506645-38E	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2506645-38F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2506645
Report Date: 03/13/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506645-38F1	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506645-38F2	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506645-38G	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506645-38G1	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506645-38G2	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506645-38X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2506645-38Y	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	NYTCL-8260HLW(14)
L2506645-38Z	Vial Water preserved split	B	NA		4.6	Y	Absent	07-FEB-25 12:07	NYTCL-8260HLW(14)
L2506645-39A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2506645-39B	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506645-39C	Glass 250ml/8oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2506645-40A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		ZN-TI(180)
L2506645-40B	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506645
Project Number:	CV04.001	**Report Date:**	03/13/25

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506645
Project Number:	CV04.001	**Report Date:**	03/13/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2506645
Project Number:	CV04.001	**Report Date:**	03/13/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2506645
Report Date: 03/13/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

L2506645 13FEB25
TERRAPHASE

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Sample Comment
01	TEI-SB[illegible]-1.0-3.0	SO	G			2/6/25	840				X	X				
02	DUP-09						845					H				Hold
03	TEI-SB-01-8.0-8.5						930				X	X				
04	DUP-08						935					H				Hold
05	TEI-SB-01-9.5-10.0						940				H	H				Hold
06	TEI-SB-01-14.5-15.0						950				H	H				Hold
07	TB-250206	TB					740				X					
08	FB-250206	FB					1000				X	X	X	X	X	
09	TS-01R-0-1						1035				X	X		X	X	
10	TS-01R-1-1.5						1025					X		X	X	

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample

Additional Instructions from Pace®:

Collected By: Printed Name: Kiersten O'Rourke Signature:

Customer Remarks / Special Conditions / Possible Hazards:
Please provide data in Terraphase Equis EFWEDD Format

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	[ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	2/6/25 2:45		2/10/25 14:45
	2/6/25 17:30		2/6/25 18:50
	2/6/25		
	2/7/25 0230		2/6/25 2330

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 3

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

ENV-FRM-CORQ-0019_v02_110123 ©

2/7 0230

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

L2506645 13FEB25
TERRAPHASE

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7471 + 7196	Sample Comment
11	~~TS~~ DUP-07	SO	G			2/6/25	1030					X		X	X	
12	TS-01R-1.5-2						1045					H		H	H	Hold
13	TS-01R-2-2.5						1044					H		H	H	Hold
14	TS-01R-2.5-3.						1043					H		H	H	Hold
15	TS-01R-3-3.5						1041					H		H	H	Hold
16	TS-01R-3.5-4						1040					H		H	H	Hold
17	TS-02R-0-1						1105				X	X		X	X	
18	TS-02R-1-1.5						11:15					X		X	X	
19	DUP-12						1120							H	H	Hold
20	TS-02R-1.5-2						1125					H		H	H	Hold

Lab Use Only: Proj. Mgr: / Acct#num / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: Printed Name: Keegan O'Brien Signature:

Customer Remarks / Special Conditions / Possible Hazards:
Please provide data in Terraphase Equis EFWEDD Format

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	[ ] On Ice

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time	Tracking Number:
	2/6/25 2:45		2/6/25 14:45	
	2/6/25 17:60		2/6/25 18:5	Delivered by: [ ] In-Person [ ] Courier
	2/6/25		2/6/25 2330	[ ] FedEx [ ] UPS [ ] Other
	2/7/25 0230		2/7 0230	Page: 2 of 5

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORQ-0019_v02_110123 ©

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

L2506645 13FEB25
TERRAPHASE

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC

Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Sample Comment
21	TS-02R-2-2.5	SO	G			2/6/25	1130					H		H	H	Hold
22	TS-02R-2.5-3						1128					H		H	H	Hold
23	TS-02R-3-3.5						1126					H		H	H	Hold
24	TS-02R-3.5-4						1123					H		H	H	Hold
25	TS-07R-0-1						1150				X	X		X	X	
26	TS-07R-1-1.5						1200					X		X	X	
26	TS07R-1-1.5 MS						1200					H		H	H	Hold
26	TS-07R-1-1.5 MSD						1200					H		H	H	Hold
27	TS-07R-1.5-2						1205					H		H	H	Hold
28	TS-07R-2-2.5						1206					H		H	H	Hold

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample

Additional Instructions from Pace®:

Collected By: Printed Name: Logan O'Rourke Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: / Thermometer ID: / Correction Factor (°C): / Obs. Temp. (°C): / Corrected Temp. (°C): / [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time
	2/6/25 2:45		2/6/25 14:45
	2/6/25 17:45		2/6/25 18:5
	2/6/25		2/6/25 2330
2/7/25	0230		2/7 0230

Tracking Number:

Delivered by: [ ] In Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Pace® Location Requested (City/State): Westborough, MA

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

L2506645 13FEB25
TERRAPHASE

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224 E-Mail: nicholas.krasnecky@terraphase.com Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001 Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B	Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC Reportable [X] Yes [ ] No Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other Date Results Requested: DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Sample Comment
29	TS-07R-2.5-3	SO	G			2/6/25	1159					11		H	12	Hold
30	TS-07R-3-3.5						1158					H		H	H	Hold
31	TS-07R-3.5-4						1156					H		H	H	Hold
32	TS-06R-0-1.5						1250				X	X		X	X	
33	TS-06R-1.5-2						1255					X		X	X	
33	TS-06R-1.5-2 MS						1255							H	H	Hold
33	TS-06R-1.5-2 MSD						1255							H	H	Hold
34	TS-06R-2-2.5						1305					H		H	H	Hold
35	TS-06R-2.5-3						1303					H		H	H	Hold
36	TS-06R-3-3.5						1301					H		H	H	Hold

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: Printed Name: Karen O'Rourke / Signature:

Customer Remarks / Special Conditions / Possible Hazards:
Please provide data in Terraphase Equis EFWEDD Format

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	[ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	2/6/25 2:45		2/6/25 14:45
	2/6/25 17:45		2/6/25 18:25
	2/7/25 0230		2/7/25 0230

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Pace® Location Requested (City/State): Westborough, MA

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

L2506645 13FEB25
TERRAPHASE

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B	Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC
	Reportable [X] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Zinc	Sample Comment	Preservation: non-conformance identified for sample
37	TS-OSR-3.5-4	SO	G			2/6/25	1300					H		H	H		Hold	
38	TS-OSR-0-3.5						1345				X	X	X	X	X			
38	TS-OSR-0-3.5 MS						1345					H	H	H	H		Hold	
38	TS-OSR-0-3.5 MSD						1345					H	H	H	H		Hold	
39	TS-OSR-3.5-4						1350					X	X	X	X			
40	HOZR-4-5						1413									X		

Lab Use Only: Proj. Mgr: | Acct.Num / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID:

Additional Instructions from Pace®:

Collected By: Printed Name: Keegan O'Rourke Signature:

Customer Remarks / Special Conditions / Possible Hazards:
Please provide data in Terraphase Equis EFWEDD Format

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	[ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	2/6/25 2:45		2/6/25 14:45
	2/6/25 17:45		2/6/25 18:45
	2/6/25		2/6/25 23:30
	2/7/25 0230		2/7 0230

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 5 of 5

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

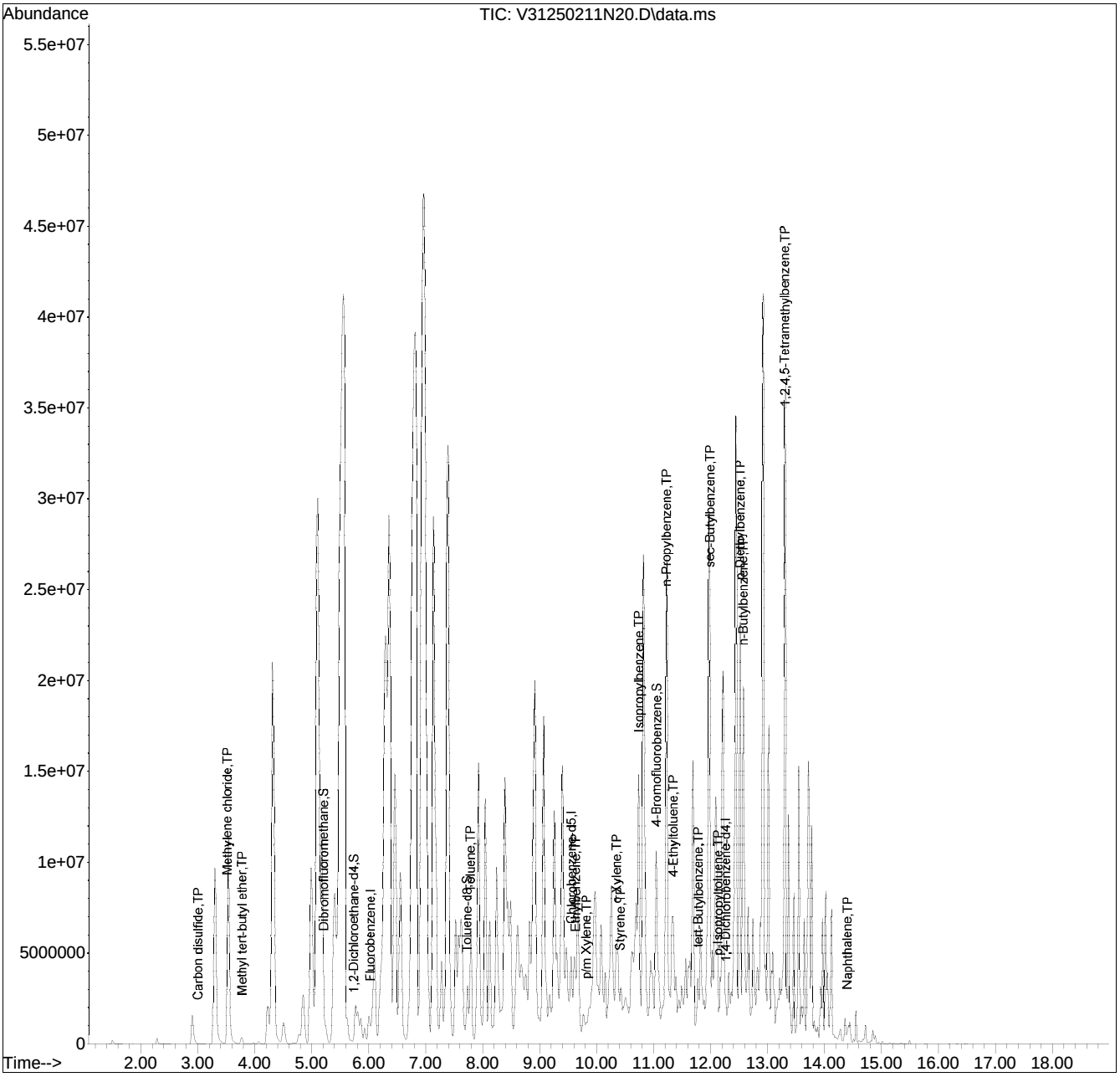
ENV-FRM-CORC-0019_v02_110123 ©

Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250211N\
Data File : V31250211N20.D
Acq On : 12 Feb 2025 02:24 am
Operator : VOA131:JIC
Sample : L2506645-03,31,6.21,5,,Y
Misc : WG2029637,ICAL21866
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 12 13:17:56 2025
Quant Method : K:\VOA131\2025\250211N\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250211N01.D•



ANALYTICAL REPORT

Lab Number:	L2507040
Client:	Terraphase Engineering Inc. 222 International Drive Suite 150 Portsmouth, NH 03801
ATTN:	Nicholas Krasnecky
Phone:	(858) 385-0022
Project Name:	ELMWOOD PRESERVE
Project Number:	CV04.001
Report Date:	03/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2507040-01	G10R-2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 12:00	02/07/25
L2507040-02	G10R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 12:05	02/07/25
L2507040-03	G07R-2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 12:20	02/07/25
L2507040-04	G07R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 12:25	02/07/25
L2507040-05	H06R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 12:55	02/07/25
L2507040-06	H06R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 12:58	02/07/25
L2507040-07	B08R-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 10:07	02/07/25
L2507040-08	B08R-8-10	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 10:10	02/07/25
L2507040-09	D04R-2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 10:50	02/07/25
L2507040-10	D04R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 10:53	02/07/25
L2507040-11	E07R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 11:18	02/07/25
L2507040-12	E07R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 11:15	02/07/25
L2507040-13	E07R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 11:13	02/07/25
L2507040-14	E07R-2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 11:11	02/07/25
L2507040-15	G11R-2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 11:52	02/07/25
L2507040-16	G11R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 11:50	02/07/25
L2507040-17	C11R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 09:45	02/07/25
L2507040-18	C11R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 09:47	02/07/25
L2507040-19	C11R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 09:50	02/07/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2507040-20	C11R-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 09:53	02/07/25
L2507040-21	C11R-8-10	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 09:55	02/07/25
L2507040-22	B08R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 10:00	02/07/25
L2507040-23	B08R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 10:03	02/07/25
L2507040-24	B08R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 10:05	02/07/25
L2507040-25	H01R-2-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 14:50	02/07/25
L2507040-26	H01R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 14:55	02/07/25
L2507040-27	G02R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/06/25 15:10	02/07/25
L2507040-28	A13R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 08:50	02/07/25
L2507040-29	A13R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 08:55	02/07/25
L2507040-30	A13R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 09:00	02/07/25
L2507040-31	A13R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 09:05	02/07/25
L2507040-32	B12R-6-7	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 09:10	02/07/25
L2507040-33	H06R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 13:00	02/07/25
L2507040-34	H06R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 13:03	02/07/25
L2507040-35	DUP-06	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 13:06	02/07/25
L2507040-36	H06R-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 13:09	02/07/25
L2507040-37	I06R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 13:14	02/07/25
L2507040-38	DUP-15	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 13:15	02/07/25
L2507040-39	I06R-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 13:17	02/07/25
L2507040-40	I04R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 13:30	02/07/25
L2507040-41	I04R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 13:32	02/07/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2507040-42	I04R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 13:34	02/07/25
L2507040-43	I04R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 13:36	02/07/25
L2507040-44	DUP-18	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 13:38	02/07/25
L2507040-45	I04R-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 13:40	02/07/25
L2507040-46	H04R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 14:15	02/07/25
L2507040-47	H04R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 14:16	02/07/25
L2507040-48	H04R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 14:17	02/07/25
L2507040-49	H04R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 14:18	02/07/25
L2507040-50	H04R-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 14:19	02/07/25
L2507040-51	G04R-2-2.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 14:40	02/07/25
L2507040-52	G04R-2.5-3	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 14:41	02/07/25
L2507040-53	G04R-3-3.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 14:42	02/07/25
L2507040-54	G04R-3.5-4	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 14:43	02/07/25
L2507040-55	G04R-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 14:44	02/07/25
L2507040-56	G04R-8-10	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 14:45	02/07/25
L2507040-57	FB-250207	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 10:00	02/07/25

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2507040
Project Number:	CV04.001	**Report Date:**	03/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040
Project Number: CV04.001 **Report Date:** 03/04/25

Case Narrative (continued)

Report Submission

March 04, 2025: This final report includes the results of all requested analyses.

Additional requests will be reported separately.

March 03, 2025: This preliminary report includes the results of the following analyses:

L2507040-13: Client specified Total Metals and Client specified Pesticides

L2507040-19: Total Mercury

L2507040-33: Client specified Pesticides

February 24, 2025: This preliminary report includes the results of the following analyses:

L2507040-04, -06, -36, and -39: Client specified Pesticides

L2507040-12: Client specified Pesticides and Total Metals

L2507040-18, -23, -29, -30, -31, -47, -52, -53, and -54: Client specified Total Metals

February 17, 2025: This is a preliminary report. Please note that your project has contingency samples on hold. Contact your project manager to request additional analyses within 3 business days of receiving this report. Requests made after this time frame will be reported separately.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2507040-07, -09, -11, -13, -22, -27, and -40: The sample has an elevated detection limit due to the dilution required by the sample matrix.

L2507040-17 and -49: The sample has elevated detection limits for all elements due to the dilution required by the sample matrix.

L2507040-18 and -23: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2507040-57: The Field Blank has a concentration above the reporting limit for calcium. The result was confirmed.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2507040
Project Number:	CV04.001	**Report Date:**	03/04/25

Case Narrative (continued)

The WG2035251-4 Laboratory Duplicate RPD performed on L2507040-19 is above the acceptance criteria for mercury (29%); however, the sample and duplicate results are less than five times the reporting limit. The RPD is valid.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 03/04/25

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-01
Client ID: G10R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 12:00
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/13/25 15:07
Analyst: JAG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/11/25 18:26
Cleanup Method: EPA 3620B
Cleanup Date: 02/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.752	0.336	1	A
Alpha-BHC	ND		ug/kg	0.752	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.684	1	A
Heptachlor	ND		ug/kg	0.902	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.635	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.752	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.789	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	ND		ug/kg	1.13	0.564	1	A
4,4'-DDE	2.86		ug/kg	1.80	0.417	1	A
4,4'-DDD	ND		ug/kg	1.80	0.643	1	A
4,4'-DDT	ND	IP	ug/kg	1.80	1.45	1	B
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.603	1	A
Endosulfan sulfate	ND		ug/kg	0.752	0.358	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.47	1	A
cis-Chlordane	ND	IP	ug/kg	2.25	0.628	1	B
trans-Chlordane	ND	IP	ug/kg	2.25	0.595	1	B
Chlordane	ND		ug/kg	15.0	5.98	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-01 Date Collected: 02/07/25 12:00

Client ID: G10R-2-4 Date Received: 02/07/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	138		30-150	A
Decachlorobiphenyl	127		30-150	A
2,4,5,6-Tetrachloro-m-xylene	136		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-03
Client ID: G07R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 12:20
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/13/25 15:41
Analyst: JAG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/11/25 19:18
Cleanup Method: EPA 3620B
Cleanup Date: 02/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.758	0.339	1	A
Alpha-BHC	ND		ug/kg	0.758	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.690	1	A
Heptachlor	ND		ug/kg	0.910	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.641	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.758	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.796	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.14	0.569	1	A
4,4'-DDE	14.1		ug/kg	1.82	0.421	1	A
4,4'-DDD	ND		ug/kg	1.82	0.649	1	A
4,4'-DDT	1.50	JIP	ug/kg	1.82	1.46	1	B
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.608	1	A
Endosulfan sulfate	ND		ug/kg	0.758	0.361	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.55	1	A
cis-Chlordane	ND	IP	ug/kg	2.27	0.634	1	B
trans-Chlordane	ND	IP	ug/kg	2.27	0.600	1	B
Chlordane	ND		ug/kg	15.2	6.03	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-03 Date Collected: 02/07/25 12:20

Client ID: G07R-2-4 Date Received: 02/07/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**151**	Q	30-150	A
Decachlorobiphenyl	150		30-150	A
2,4,5,6-Tetrachloro-m-xylene	146		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-04
Client ID: G07R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 12:25
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/18/25 14:46
Analyst: PEG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 19:06
Cleanup Method: EPA 3620B
Cleanup Date: 02/18/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/18/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	ND		ug/kg	1.76	0.408	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-05
Client ID: H06R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 12:55
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/13/25 16:15
Analyst: JAG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/11/25 19:18
Cleanup Method: EPA 3620B
Cleanup Date: 02/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.376	1	A
Lindane	ND		ug/kg	0.800	0.358	1	A
Alpha-BHC	ND		ug/kg	0.800	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.728	1	A
Heptachlor	ND		ug/kg	0.961	0.431	1	A
Aldrin	ND		ug/kg	1.92	0.676	1	A
Heptachlor epoxide	168		ug/kg	3.60	1.08	1	A
Endrin	0.945	IP	ug/kg	0.800	0.328	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.840	1	A
Endrin ketone	ND		ug/kg	1.92	0.495	1	A
Dieldrin	788	E	ug/kg	1.20	0.600	1	B
4,4'-DDE	801	E	ug/kg	1.92	0.444	1	B
4,4'-DDD	2.07		ug/kg	1.92	0.685	1	A
4,4'-DDT	205		ug/kg	1.92	1.54	1	A
Endosulfan I	ND		ug/kg	1.92	0.454	1	A
Endosulfan II	ND		ug/kg	1.92	0.642	1	A
Endosulfan sulfate	ND		ug/kg	0.800	0.381	1	A
Methoxychlor	ND		ug/kg	3.60	1.12	1	A
Toxaphene	ND		ug/kg	36.0	10.1	1	A
cis-Chlordane	90.2	IP	ug/kg	2.40	0.669	1	B
trans-Chlordane	101		ug/kg	2.40	0.634	1	B
Chlordane	714		ug/kg	16.0	6.36	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-05 Date Collected: 02/07/25 12:55

Client ID: H06R-0.5-1 Date Received: 02/07/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	129		30-150	A
Decachlorobiphenyl	131		30-150	A
2,4,5,6-Tetrachloro-m-xylene	130		30-150	B
Decachlorobiphenyl	111		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-05 D
Client ID: H06R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 12:55
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 01:33
Analyst: EMR
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/11/25 19:18
Cleanup Method: EPA 3620B
Cleanup Date: 02/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	576		ug/kg	6.00	3.00	5	B
4,4'-DDE	636		ug/kg	9.61	2.22	5	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-06
Client ID: H06R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 12:58
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/18/25 14:57
Analyst: PEG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 19:06
Cleanup Method: EPA 3620B
Cleanup Date: 02/18/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/18/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	550	E	ug/kg	1.16	0.581	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	106		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-06 D
Client ID: H06R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 12:58
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/19/25 13:16
Analyst: EJL
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 19:06
Cleanup Method: EPA 3620B
Cleanup Date: 02/18/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/18/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	458		ug/kg	5.81	2.90	5	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-11
Client ID: E07R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 11:18
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/13/25 16:27
Analyst: JAG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/11/25 19:20
Cleanup Method: EPA 3620B
Cleanup Date: 02/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.747	0.334	1	A
Alpha-BHC	ND		ug/kg	0.747	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.680	1	A
Heptachlor	0.411	JIP	ug/kg	0.896	0.402	1	B
Aldrin	ND		ug/kg	1.79	0.631	1	A
Heptachlor epoxide	79.1		ug/kg	3.36	1.01	1	B
Endrin	ND		ug/kg	0.747	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.784	1	A
Endrin ketone	ND		ug/kg	1.79	0.462	1	A
Dieldrin	176		ug/kg	1.12	0.560	1	B
4,4'-DDE	263		ug/kg	1.79	0.414	1	B
4,4'-DDD	ND		ug/kg	1.79	0.639	1	A
4,4'-DDT	78.4		ug/kg	1.79	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.599	1	A
Endosulfan sulfate	ND		ug/kg	0.747	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.41	1	A
cis-Chlordane	19.8	IP	ug/kg	2.24	0.624	1	B
trans-Chlordane	24.3		ug/kg	2.24	0.591	1	B
Chlordane	ND		ug/kg	14.9	5.94	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-11 Date Collected: 02/07/25 11:18

Client ID: E07R-0.5-1 Date Received: 02/07/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	128		30-150	A
Decachlorobiphenyl	131		30-150	A
2,4,5,6-Tetrachloro-m-xylene	128		30-150	B
Decachlorobiphenyl	115		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-12
Client ID: E07R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 11:15
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/18/25 15:09
Analyst: PEG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 19:06
Cleanup Method: EPA 3620B
Cleanup Date: 02/18/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/18/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Heptachlor epoxide	18.5		ug/kg	3.36	1.01	1	B
Dieldrin	43.0		ug/kg	1.12	0.560	1	B
4,4'-DDE	73.5		ug/kg	1.79	0.414	1	B
4,4'-DDT	17.4		ug/kg	1.79	1.44	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-13
Client ID: E07R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 11:13
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/28/25 16:07
Analyst: EJL
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 20:49
Cleanup Method: EPA 3620B
Cleanup Date: 02/18/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/18/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	1.02	J	ug/kg	1.03	0.514	1	A
4,4'-DDE	1.42	J	ug/kg	1.64	0.380	1	B
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	40		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-15
Client ID: G11R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 11:52
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/13/25 17:46
Analyst: AKM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/11/25 19:18
Cleanup Method: EPA 3620B
Cleanup Date: 02/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.338	1	A
Lindane	ND		ug/kg	0.718	0.321	1	A
Alpha-BHC	ND		ug/kg	0.718	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.654	1	A
Heptachlor	ND		ug/kg	0.862	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.607	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.970	1	A
Endrin	ND		ug/kg	0.718	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.754	1	A
Endrin ketone	ND		ug/kg	1.72	0.444	1	A
Dieldrin	ND		ug/kg	1.08	0.539	1	A
4,4'-DDE	ND		ug/kg	1.72	0.399	1	A
4,4'-DDD	ND		ug/kg	1.72	0.615	1	A
4,4'-DDT	ND		ug/kg	1.72	1.39	1	A
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.718	0.342	1	A
Methoxychlor	ND		ug/kg	3.23	1.01	1	A
Toxaphene	ND		ug/kg	32.3	9.05	1	A
cis-Chlordane	ND		ug/kg	2.16	0.601	1	A
trans-Chlordane	ND		ug/kg	2.16	0.569	1	A
Chlordane	ND		ug/kg	14.4	5.71	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-15 Date Collected: 02/07/25 11:52

Client ID: G11R-2-4 Date Received: 02/07/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	121		30-150	A
Decachlorobiphenyl	114		30-150	A
2,4,5,6-Tetrachloro-m-xylene	119		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-25
Client ID: H01R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 14:50
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/13/25 13:37
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/12/25 07:11
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.740	0.331	1	A
Alpha-BHC	ND		ug/kg	0.740	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	ND		ug/kg	0.888	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.626	1	A
Heptachlor epoxide	ND		ug/kg	3.33	1.00	1	A
Endrin	ND		ug/kg	0.740	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.777	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	ND		ug/kg	1.11	0.555	1	A
4,4'-DDE	ND		ug/kg	1.78	0.411	1	A
4,4'-DDD	ND		ug/kg	1.78	0.634	1	A
4,4'-DDT	ND		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.740	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.33	1	A
cis-Chlordane	ND		ug/kg	2.22	0.619	1	A
trans-Chlordane	ND		ug/kg	2.22	0.586	1	A
Chlordane	ND		ug/kg	14.8	5.89	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-25 Date Collected: 02/06/25 14:50

Client ID: H01R-2-4 Date Received: 02/07/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-26
Client ID: H01R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/06/25 14:55
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/13/25 14:14
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/12/25 07:11
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.741	0.331	1	A
Alpha-BHC	ND		ug/kg	0.741	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.675	1	A
Heptachlor	ND		ug/kg	0.890	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.626	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.741	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.778	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	ND		ug/kg	1.11	0.556	1	A
4,4'-DDE	ND		ug/kg	1.78	0.411	1	A
4,4'-DDD	ND		ug/kg	1.78	0.635	1	A
4,4'-DDT	ND		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.595	1	A
Endosulfan sulfate	ND		ug/kg	0.741	0.353	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.34	1	A
cis-Chlordane	ND		ug/kg	2.22	0.620	1	A
trans-Chlordane	ND		ug/kg	2.22	0.587	1	A
Chlordane	ND		ug/kg	14.8	5.89	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-26 Date Collected: 02/06/25 14:55

Client ID: H01R-4-6 Date Received: 02/07/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-28
Client ID: A13R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 08:50
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/13/25 17:58
Analyst: AKM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/11/25 19:18
Cleanup Method: EPA 3620B
Cleanup Date: 02/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.345	1	A
Lindane	ND		ug/kg	0.734	0.328	1	A
Alpha-BHC	ND		ug/kg	0.734	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.668	1	A
Heptachlor	ND		ug/kg	0.881	0.395	1	A
Aldrin	ND		ug/kg	1.76	0.620	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.991	1	A
Endrin	ND		ug/kg	0.734	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.771	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	ND		ug/kg	1.10	0.551	1	A
4,4'-DDE	4.95		ug/kg	1.76	0.408	1	A
4,4'-DDD	5.92		ug/kg	1.76	0.628	1	A
4,4'-DDT	ND	IP	ug/kg	1.76	1.42	1	B
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.589	1	A
Endosulfan sulfate	ND		ug/kg	0.734	0.350	1	A
Methoxychlor	ND		ug/kg	3.30	1.03	1	A
Toxaphene	ND		ug/kg	33.0	9.25	1	A
cis-Chlordane	7.69	IP	ug/kg	2.20	0.614	1	B
trans-Chlordane	8.88	IP	ug/kg	2.20	0.582	1	A
Chlordane	68.1	IP	ug/kg	14.7	5.84	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-28 Date Collected: 02/07/25 08:50

Client ID: A13R-2-2.5 Date Received: 02/07/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	137		30-150	A
Decachlorobiphenyl	135		30-150	A
2,4,5,6-Tetrachloro-m-xylene	136		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-32
Client ID: B12R-6-7
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 09:10
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/13/25 18:09
Analyst: AKM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/11/25 19:18
Cleanup Method: EPA 3620B
Cleanup Date: 02/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.320	1	A
Lindane	ND		ug/kg	0.681	0.304	1	A
Alpha-BHC	ND		ug/kg	0.681	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.620	1	A
Heptachlor	ND		ug/kg	0.817	0.366	1	A
Aldrin	ND		ug/kg	1.63	0.575	1	A
Heptachlor epoxide	ND		ug/kg	3.06	0.919	1	A
Endrin	ND		ug/kg	0.681	0.279	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.715	1	A
Endrin ketone	ND		ug/kg	1.63	0.421	1	A
Dieldrin	ND		ug/kg	1.02	0.511	1	A
4,4'-DDE	ND		ug/kg	1.63	0.378	1	A
4,4'-DDD	ND		ug/kg	1.63	0.583	1	A
4,4'-DDT	ND		ug/kg	1.63	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.386	1	A
Endosulfan II	ND		ug/kg	1.63	0.546	1	A
Endosulfan sulfate	ND		ug/kg	0.681	0.324	1	A
Methoxychlor	ND		ug/kg	3.06	0.953	1	A
Toxaphene	ND		ug/kg	30.6	8.58	1	A
cis-Chlordane	ND		ug/kg	2.04	0.569	1	A
trans-Chlordane	ND		ug/kg	2.04	0.539	1	A
Chlordane	ND		ug/kg	13.6	5.41	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-32 Date Collected: 02/07/25 09:10

Client ID: B12R-6-7 Date Received: 02/07/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	133		30-150	A
Decachlorobiphenyl	127		30-150	A
2,4,5,6-Tetrachloro-m-xylene	131		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-33
Client ID: H06R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 13:00
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/25/25 11:36
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/18/25 13:45
Cleanup Method: EPA 3620B
Cleanup Date: 02/19/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	121		ug/kg	1.14	0.570	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-34
Client ID: H06R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 13:03
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 07:12
Analyst: AKM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 23:28
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.745	0.333	1	A
Alpha-BHC	ND		ug/kg	0.745	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.678	1	A
Heptachlor	ND		ug/kg	0.894	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	3.08	JIP	ug/kg	3.35	1.01	1	A
Endrin	ND		ug/kg	0.745	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.782	1	A
Endrin ketone	ND		ug/kg	1.79	0.460	1	A
Dieldrin	22.7		ug/kg	1.12	0.559	1	B
4,4'-DDE	11.7		ug/kg	1.79	0.414	1	B
4,4'-DDD	ND		ug/kg	1.79	0.638	1	A
4,4'-DDT	2.38		ug/kg	1.79	1.44	1	B
Endosulfan I	ND		ug/kg	1.79	0.422	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.745	0.355	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.39	1	A
cis-Chlordane	5.49	IP	ug/kg	2.24	0.623	1	B
trans-Chlordane	6.06		ug/kg	2.24	0.590	1	A
Chlordane	ND		ug/kg	14.9	5.92	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-34 Date Collected: 02/07/25 13:03

Client ID: H06R-4-6 Date Received: 02/07/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-36
Client ID: H06R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 13:09
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/18/25 15:21
Analyst: PEG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 19:06
Cleanup Method: EPA 3620B
Cleanup Date: 02/18/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/18/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	ND		ug/kg	1.08	0.540	1	A
4,4'-DDE	ND		ug/kg	1.73	0.399	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-37
Client ID: I06R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 13:14
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/13/25 18:55
Analyst: AKM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/11/25 19:18
Cleanup Method: EPA 3620B
Cleanup Date: 02/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.713	0.319	1	A
Alpha-BHC	ND		ug/kg	0.713	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.649	1	A
Heptachlor	ND		ug/kg	0.855	0.383	1	A
Aldrin	ND		ug/kg	1.71	0.602	1	A
Heptachlor epoxide	7.34		ug/kg	3.21	0.962	1	A
Endrin	ND		ug/kg	0.713	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.748	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	34.9		ug/kg	1.07	0.534	1	A
4,4'-DDE	61.3		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.610	1	A
4,4'-DDT	18.0		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.713	0.339	1	A
Methoxychlor	ND		ug/kg	3.21	0.998	1	A
Toxaphene	ND		ug/kg	32.1	8.98	1	A
cis-Chlordane	3.44	IP	ug/kg	2.14	0.596	1	B
trans-Chlordane	2.92	IP	ug/kg	2.14	0.564	1	B
Chlordane	ND		ug/kg	14.2	5.67	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-37 Date Collected: 02/07/25 13:14

Client ID: I06R-4-6 Date Received: 02/07/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	120		30-150	A
Decachlorobiphenyl	135		30-150	A
2,4,5,6-Tetrachloro-m-xylene	115		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-39
Client ID: I06R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 13:17
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/18/25 15:33
Analyst: PEG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/17/25 19:06
Cleanup Method: EPA 3620B
Cleanup Date: 02/18/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/18/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	ND		ug/kg	1.72	0.397	1	A
4,4'-DDD	ND		ug/kg	1.72	0.612	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-40
Client ID: I04R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 13:30
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 07:24
Analyst: AKM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 23:28
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.750	0.335	1	A
Alpha-BHC	ND		ug/kg	0.750	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.682	1	A
Heptachlor	ND		ug/kg	0.899	0.403	1	A
Aldrin	ND		ug/kg	1.80	0.633	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.750	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.787	1	A
Endrin ketone	ND		ug/kg	1.80	0.463	1	A
Dieldrin	3.01		ug/kg	1.12	0.562	1	A
4,4'-DDE	1.52	J	ug/kg	1.80	0.416	1	B
4,4'-DDD	ND		ug/kg	1.80	0.642	1	A
4,4'-DDT	ND		ug/kg	1.80	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.601	1	A
Endosulfan sulfate	ND		ug/kg	0.750	0.357	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.44	1	A
cis-Chlordane	ND	IP	ug/kg	2.25	0.627	1	B
trans-Chlordane	ND	IP	ug/kg	2.25	0.594	1	B
Chlordane	ND		ug/kg	15.0	5.96	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-40 Date Collected: 02/07/25 13:30

Client ID: I04R-0.5-1 Date Received: 02/07/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-43
Client ID: I04R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 13:36
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 15:21
Analyst: JAG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/14/25 11:01
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.749	0.335	1	A
Alpha-BHC	ND		ug/kg	0.749	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.681	1	A
Heptachlor	ND		ug/kg	0.898	0.403	1	A
Aldrin	ND		ug/kg	1.80	0.633	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.749	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.786	1	A
Endrin ketone	ND		ug/kg	1.80	0.463	1	A
Dieldrin	4.78		ug/kg	1.12	0.562	1	B
4,4'-DDE	1.79	J	ug/kg	1.80	0.416	1	B
4,4'-DDD	ND		ug/kg	1.80	0.641	1	A
4,4'-DDT	ND		ug/kg	1.80	1.44	1	B
Endosulfan I	ND		ug/kg	1.80	0.424	1	A
Endosulfan II	ND		ug/kg	1.80	0.600	1	A
Endosulfan sulfate	ND		ug/kg	0.749	0.356	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.44	1	A
cis-Chlordane	0.722	JIP	ug/kg	2.25	0.626	1	B
trans-Chlordane	2.51	IP	ug/kg	2.25	0.593	1	A
Chlordane	ND		ug/kg	15.0	5.95	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-43 Date Collected: 02/07/25 13:36

Client ID: I04R-4-6 Date Received: 02/07/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-55
Client ID: G04R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 14:44
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/13/25 19:29
Analyst: AKM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/11/25 19:18
Cleanup Method: EPA 3620B
Cleanup Date: 02/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.859	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.605	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.967	1	A
Endrin	ND		ug/kg	0.716	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.752	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	ND		ug/kg	1.07	0.537	1	A
4,4'-DDE	ND		ug/kg	1.72	0.397	1	A
4,4'-DDD	ND		ug/kg	1.72	0.613	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.574	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.02	1	A
cis-Chlordane	ND		ug/kg	2.15	0.599	1	A
trans-Chlordane	ND		ug/kg	2.15	0.567	1	A
Chlordane	ND		ug/kg	14.3	5.69	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-55 Date Collected: 02/07/25 14:44

Client ID: G04R-6-8 Date Received: 02/07/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	121		30-150	A
Decachlorobiphenyl	117		30-150	A
2,4,5,6-Tetrachloro-m-xylene	115		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-57
Client ID: FB-250207
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 10:00
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 02/12/25 18:26
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 02/12/25 06:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-57 Date Collected: 02/07/25 10:00

Client ID: FB-250207 Date Received: 02/07/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	73		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	61		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/13/25 13:35
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 02/11/25 18:26
Cleanup Method: EPA 3620B
Cleanup Date: 02/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,11,15,28,32,37,55 Batch: WG2029128-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.654	0.292	A
Alpha-BHC	ND		ug/kg	0.654	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.595	A
Heptachlor	ND		ug/kg	0.784	0.352	A
Aldrin	ND		ug/kg	1.57	0.552	A
Heptachlor epoxide	ND		ug/kg	2.94	0.882	A
Endrin	ND		ug/kg	0.654	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.686	A
Endrin ketone	ND		ug/kg	1.57	0.404	A
Dieldrin	ND		ug/kg	0.980	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.559	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.370	A
Endosulfan II	ND		ug/kg	1.57	0.524	A
Endosulfan sulfate	ND		ug/kg	0.654	0.311	A
Methoxychlor	ND		ug/kg	2.94	0.915	A
Toxaphene	ND		ug/kg	29.4	8.24	A
cis-Chlordane	ND		ug/kg	1.96	0.546	A
trans-Chlordane	ND		ug/kg	1.96	0.518	A
Chlordane	ND		ug/kg	13.1	5.20	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/13/25 13:35
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 02/11/25 18:26
Cleanup Method: EPA 3620B
Cleanup Date: 02/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,11,15,28,32,37,55 Batch: WG2029128-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/12/25 17:49
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 02/12/25 06:26

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 57 Batch: WG2029222-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/12/25 17:49
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 02/12/25 06:26

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 57 Batch: WG2029222-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	73		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/13/25 11:58
Analyst: DLP

Extraction Method: EPA 3546
Extraction Date: 02/12/25 07:11
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 25-26 Batch: WG2029260-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.641	0.286	A
Alpha-BHC	ND		ug/kg	0.641	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.583	A
Heptachlor	ND		ug/kg	0.769	0.345	A
Aldrin	ND		ug/kg	1.54	0.542	A
Heptachlor epoxide	ND		ug/kg	2.88	0.865	A
Endrin	ND		ug/kg	0.641	0.263	A
Endrin aldehyde	ND		ug/kg	1.92	0.673	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.962	0.481	A
4,4'-DDE	ND		ug/kg	1.54	0.356	A
4,4'-DDD	ND		ug/kg	1.54	0.549	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.514	A
Endosulfan sulfate	ND		ug/kg	0.641	0.305	A
Methoxychlor	ND		ug/kg	2.88	0.897	A
Toxaphene	ND		ug/kg	28.8	8.08	A
cis-Chlordane	ND		ug/kg	1.92	0.536	A
trans-Chlordane	ND		ug/kg	1.92	0.508	A
Chlordane	ND		ug/kg	12.8	5.10	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/13/25 11:58
Analyst: DLP

Extraction Method: EPA 3546
Extraction Date: 02/12/25 07:11
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 25-26 Batch: WG2029260-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/14/25 06:39
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 02/13/25 23:28
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 34,40,43 Batch: WG2030132-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.650	0.291	A
Alpha-BHC	ND		ug/kg	0.650	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.592	A
Heptachlor	ND		ug/kg	0.780	0.350	A
Aldrin	ND		ug/kg	1.56	0.549	A
Heptachlor epoxide	ND		ug/kg	2.92	0.878	A
Endrin	ND		ug/kg	0.650	0.266	A
Endrin aldehyde	ND		ug/kg	1.95	0.683	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.975	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDD	ND		ug/kg	1.56	0.556	A
4,4'-DDT	ND		ug/kg	1.56	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.521	A
Endosulfan sulfate	ND		ug/kg	0.650	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.910	A
Toxaphene	ND		ug/kg	29.2	8.19	A
cis-Chlordane	ND		ug/kg	1.95	0.544	A
trans-Chlordane	ND		ug/kg	1.95	0.515	A
Chlordane	ND		ug/kg	13.0	5.17	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/14/25 06:39
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 02/13/25 23:28
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 34,40,43 Batch: WG2030132-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/18/25 13:35
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 02/17/25 19:06
Cleanup Method: EPA 3620B
Cleanup Date: 02/18/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/18/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04,06,12,36,39 Batch: WG2031115-1						
Heptachlor epoxide	ND		ug/kg	2.94	0.882	A
Dieldrin	ND		ug/kg	0.980	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.559	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/25/25 10:59
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 02/18/25 13:45
Cleanup Method: EPA 3620B
Cleanup Date: 02/19/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 33 Batch: WG2033606-1						
Dieldrin	ND		ug/kg	0.975	0.488	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/28/25 15:34
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 02/17/25 20:49
Cleanup Method: EPA 3620B
Cleanup Date: 02/18/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/18/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 13 Batch: WG2035214-1						
Dieldrin	ND		ug/kg	0.958	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.355	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	31		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		30-150	B
Decachlorobiphenyl	45		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,11,15,28,32,37,55 Batch: WG2029128-2 WG2029128-3									
Delta-BHC	88		95		30-150	8		30	A
Lindane	88		95		30-150	8		30	A
Alpha-BHC	92		98		30-150	6		30	A
Beta-BHC	86		94		30-150	9		30	A
Heptachlor	92		98		30-150	6		30	A
Aldrin	88		96		30-150	9		30	A
Heptachlor epoxide	76		82		30-150	8		30	A
Endrin	99		109		30-150	10		30	A
Endrin aldehyde	71		75		30-150	5		30	A
Endrin ketone	92		101		30-150	9		30	A
Dieldrin	93		101		30-150	8		30	A
4,4'-DDE	88		96		30-150	9		30	A
4,4'-DDD	98		108		30-150	10		30	A
4,4'-DDT	104		119		30-150	13		30	A
Endosulfan I	88		96		30-150	9		30	A
Endosulfan II	93		101		30-150	8		30	A
Endosulfan sulfate	83		89		30-150	7		30	A
Methoxychlor	88		97		30-150	10		30	A
cis-Chlordane	84		93		30-150	10		30	A
trans-Chlordane	96		103		30-150	7		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,11,15,28,32,37,55 Batch: WG2029128-2 WG2029128-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		82		30-150	A
Decachlorobiphenyl	81		94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		79		30-150	B
Decachlorobiphenyl	62		73		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 57 Batch: WG2029222-2 WG2029222-3									
Delta-BHC	75		74		30-150	1		20	A
Lindane	98		94		30-150	3		20	A
Alpha-BHC	100		97		30-150	3		20	A
Beta-BHC	95		91		30-150	5		20	A
Heptachlor	93		89		30-150	5		20	A
Aldrin	92		89		30-150	4		20	A
Heptachlor epoxide	91		88		30-150	4		20	A
Endrin	94		90		30-150	4		20	A
Endrin aldehyde	87		85		30-150	2		20	A
Endrin ketone	97		93		30-150	4		20	A
Dieldrin	98		94		30-150	4		20	A
4,4'-DDE	93		88		30-150	5		20	A
4,4'-DDD	100		96		30-150	4		20	A
4,4'-DDT	97		93		30-150	4		20	A
Endosulfan I	88		85		30-150	4		20	A
Endosulfan II	92		90		30-150	3		20	A
Endosulfan sulfate	86		85		30-150	2		20	A
Methoxychlor	93		88		30-150	6		20	A
cis-Chlordane	86		82		30-150	5		20	A
trans-Chlordane	101		97		30-150	4		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 57 Batch: WG2029222-2 WG2029222-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		89		30-150	B
Decachlorobiphenyl	95		90		30-150	B
2,4,5,6-Tetrachloro-m-xylene	92		87		30-150	A
Decachlorobiphenyl	87		76		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 25-26 Batch: WG2029260-2 WG2029260-3									
Delta-BHC	90		79		30-150	13		30	A
Lindane	87		77		30-150	12		30	A
Alpha-BHC	91		80		30-150	13		30	A
Beta-BHC	86		76		30-150	12		30	A
Heptachlor	88		79		30-150	11		30	A
Aldrin	86		76		30-150	12		30	A
Heptachlor epoxide	76		67		30-150	13		30	A
Endrin	91		80		30-150	13		30	A
Endrin aldehyde	79		69		30-150	14		30	A
Endrin ketone	92		81		30-150	13		30	A
Dieldrin	95		83		30-150	13		30	A
4,4'-DDE	90		79		30-150	13		30	A
4,4'-DDD	94		83		30-150	12		30	A
4,4'-DDT	93		81		30-150	14		30	A
Endosulfan I	85		75		30-150	13		30	A
Endosulfan II	90		79		30-150	13		30	A
Endosulfan sulfate	86		76		30-150	12		30	A
Methoxychlor	86		76		30-150	12		30	A
cis-Chlordane	84		73		30-150	14		30	A
trans-Chlordane	103		92		30-150	11		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 25-26 Batch: WG2029260-2 WG2029260-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		66		30-150	A
Decachlorobiphenyl	74		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		65		30-150	B
Decachlorobiphenyl	76		65		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 34,40,43 Batch: WG2030132-2 WG2030132-3									
Delta-BHC	79		71		30-150	11		30	A
Lindane	78		70		30-150	11		30	A
Alpha-BHC	80		73		30-150	9		30	A
Beta-BHC	107		97		30-150	10		30	A
Heptachlor	78		72		30-150	8		30	A
Aldrin	78		71		30-150	9		30	A
Heptachlor epoxide	62		55		30-150	12		30	A
Endrin	86		78		30-150	10		30	A
Endrin aldehyde	70		64		30-150	9		30	A
Endrin ketone	91		82		30-150	10		30	A
Dieldrin	87		79		30-150	10		30	A
4,4'-DDE	78		71		30-150	9		30	A
4,4'-DDD	92		84		30-150	9		30	A
4,4'-DDT	91		83		30-150	9		30	A
Endosulfan I	76		69		30-150	10		30	A
Endosulfan II	86		78		30-150	10		30	A
Endosulfan sulfate	78		71		30-150	9		30	A
Methoxychlor	98		89		30-150	10		30	A
cis-Chlordane	89		81		30-150	9		30	A
trans-Chlordane	89		82		30-150	8		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 34,40,43 Batch: WG2030132-2 WG2030132-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		66		30-150	A
Decachlorobiphenyl	86		98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		90		30-150	B
Decachlorobiphenyl	97		109		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04,06,12,36,39 Batch: WG2031115-2 WG2031115-3									
Heptachlor epoxide	61		71		30-150	15		30	A
Dieldrin	92		108		30-150	16		30	A
4,4'-DDE	87		102		30-150	16		30	A
4,4'-DDD	99		115		30-150	15		30	A
4,4'-DDT	98		114		30-150	15		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		88		30-150	A
Decachlorobiphenyl	65		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		114		30-150	B
Decachlorobiphenyl	101		110		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 33 Batch: WG2033606-2 WG2033606-3									
Dieldrin	90		94		30-150	4		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		81		30-150	A
Decachlorobiphenyl	79		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		84		30-150	B
Decachlorobiphenyl	83		89		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 13 Batch: WG2035214-2 WG2035214-3									
Dieldrin	61		64		30-150	5		30	A
4,4'-DDE	53		56		30-150	6		30	A
4,4'-DDT	61		63		30-150	3		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	38		39		30-150	A
Decachlorobiphenyl	53		57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		57		30-150	B
Decachlorobiphenyl	60		63		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,11,15,28,32,37,55 QC Batch ID: WG2029128-4 WG2029128-5 QC Sample: L2507040-01 Client ID: G10R-2-4													
Delta-BHC	ND	37.3	34.7	93		33.9	92		30-150	2		50	A
Lindane	ND	37.3	35.1	94		34.9	95		30-150	1		50	A
Alpha-BHC	ND	37.3	36.2	97		36.1	98		30-150	0		50	A
Beta-BHC	ND	37.3	33.9P	91		34.3P	93		30-150	1		50	A
Heptachlor	ND	37.3	36.0	97		35.7	97		30-150	1		50	A
Aldrin	ND	37.3	34.2	92		33.6	91		30-150	2		50	A
Heptachlor epoxide	ND	37.3	30.1	81		29.4	80		30-150	2		50	A
Endrin	ND	37.3	36.7	99		37.0	101		30-150	1		50	A
Endrin aldehyde	ND	37.3	26.5	71		26.9	73		30-150	1		50	A
Endrin ketone	ND	37.3	34.1	92		34.6	94		30-150	1		50	A
Dieldrin	ND	37.3	35.0	94		34.7	94		30-150	1		50	A
4,4'-DDE	2.86	37.3	36.0	89		34.8	87		30-150	3		50	A
4,4'-DDD	ND	37.3	36.0	97		36.4	99		30-150	1		50	A
4,4'-DDT	NDIP	37.3	25.9	70		27.0	73		30-150	4		50	B
Endosulfan I	ND	37.3	33.6	90		33.4	91		30-150	1		50	A
Endosulfan II	ND	37.3	34.6	93		34.6	94		30-150	0		50	A
Endosulfan sulfate	ND	37.3	30.9	83		30.8	84		30-150	0		50	A
Methoxychlor	ND	37.3	31.7	85		32.5	88		30-150	2		50	A
cis-Chlordane	NDIP	37.3	30.7	82		30.3	82		30-150	1		50	B
trans-Chlordane	NDIP	37.3	35.5	95		35.2	96		30-150	1		50	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,11,15,28,32,37,55 QC Batch ID: WG2029128-4 WG2029128-5 QC Sample: L2507040-01 Client ID: G10R-2-4												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		89		30-150	A
Decachlorobiphenyl	77		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		88		30-150	B
Decachlorobiphenyl	60		64		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,11,15,28,32,37,55 QC Batch ID: WG2029128-6 WG2029128-7 QC Sample: L2507040-03 Client ID: G07R-2-4													
Delta-BHC	ND	37.7	36.9	98		38.8	102		30-150	5		50	A
Lindane	ND	37.7	37.1	98		38.9	102		30-150	5		50	A
Alpha-BHC	ND	37.7	38.3	102		40.3	106		30-150	5		50	A
Beta-BHC	ND	37.7	35.6P	95		37.8P	99		30-150	6		50	A
Heptachlor	ND	37.7	38.3	102		41.0	108		30-150	7		50	A
Aldrin	ND	37.7	36.4	97		38.6	101		30-150	6		50	A
Heptachlor epoxide	ND	37.7	32.1	85		33.8	89		30-150	5		50	A
Endrin	ND	37.7	40.5	107		42.9	112		30-150	6		50	A
Endrin aldehyde	ND	37.7	30.1	80		31.6	83		30-150	5		50	A
Endrin ketone	ND	37.7	39.1	104		41.4	109		30-150	6		50	A
Dieldrin	ND	37.7	38.0	101		40.2	105		30-150	6		50	A
4,4'-DDE	14.1	37.7	54.3	107		52.9	102		30-150	3		50	A
4,4'-DDD	ND	37.7	40.5	107		42.8	112		30-150	6		50	A
4,4'-DDT	1.50JIP	37.7	30.7	82		34.3	90		30-150	11		50	B
Endosulfan I	ND	37.7	36.4	97		38.6	101		30-150	6		50	A
Endosulfan II	ND	37.7	38.4	102		40.2	105		30-150	5		50	A
Endosulfan sulfate	ND	37.7	35.0	93		37.3	98		30-150	6		50	A
Methoxychlor	ND	37.7	36.8	98		39.2	103		30-150	6		50	A
cis-Chlordane	NDIP	37.7	32.7	87		35.2	92		30-150	7		50	B
trans-Chlordane	NDIP	37.7	38.0	101		41.1	108		30-150	8		50	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,11,15,28,32,37,55 QC Batch ID: WG2029128-6 WG2029128-7 QC Sample: L2507040-03 Client ID: G07R-2-4												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		98		30-150	A
Decachlorobiphenyl	104		99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		95		30-150	B
Decachlorobiphenyl	80		80		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,11,15,28,32,37,55 QC Batch ID: WG2029128-8 WG2029128-9 QC Sample: L2507040-32 Client ID: B12R-6-7													
Delta-BHC	ND	34.8	36.6	105		35.3	103		30-150	4		50	A
Lindane	ND	34.8	36.6	105		35.3	103		30-150	4		50	A
Alpha-BHC	ND	34.8	38.0	109		36.6	106		30-150	4		50	A
Beta-BHC	ND	34.8	34.3P	99		33.4P	97		30-150	3		50	A
Heptachlor	ND	34.8	37.7	108		36.1	105		30-150	4		50	A
Aldrin	ND	34.8	35.6	102		35.0	102		30-150	2		50	A
Heptachlor epoxide	ND	34.8	31.0	89		30.3	88		30-150	2		50	A
Endrin	ND	34.8	39.1	112		38.4	112		30-150	2		50	A
Endrin aldehyde	ND	34.8	27.9	80		29.5	86		30-150	6		50	A
Endrin ketone	ND	34.8	38.5	111		37.8	110		30-150	2		50	A
Dieldrin	ND	34.8	37.1	107		36.4	106		30-150	2		50	A
4,4'-DDE	ND	34.8	34.4	99		34.3	100		30-150	0		50	A
4,4'-DDD	ND	34.8	38.9	112		38.5	112		30-150	1		50	A
4,4'-DDT	ND	34.8	41.9	120		41.6P	121		30-150	1		50	A
Endosulfan I	ND	34.8	35.5	102		34.8	101		30-150	2		50	A
Endosulfan II	ND	34.8	36.9	106		36.4	106		30-150	1		50	A
Endosulfan sulfate	ND	34.8	34.0	98		33.5	97		30-150	1		50	A
Methoxychlor	ND	34.8	34.6	99		34.6	101		30-150	0		50	A
cis-Chlordane	ND	34.8	33.6	97		32.9	96		30-150	2		50	A
trans-Chlordane	ND	34.8	38.1	109		37.6	109		30-150	1		50	A

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,11,15,28,32,37,55 QC Batch ID: WG2029128-8 WG2029128-9 QC Sample: L2507040-32 Client ID: B12R-6-7												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		92		30-150	A
Decachlorobiphenyl	99		100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		87		30-150	B
Decachlorobiphenyl	80		77		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 25-26 QC Batch ID: WG2029260-4 WG2029260-5 QC Sample: L2507040-25 Client ID: H01R-2-4													
Delta-BHC	ND	36	29.0	81		32.4	88		30-150	11		50	A
Lindane	ND	36	28.5	79		31.2	84		30-150	9		50	A
Alpha-BHC	ND	36	29.8	83		32.6	88		30-150	9		50	A
Beta-BHC	ND	36	29.1P	81		32.3P	87		30-150	10		50	A
Heptachlor	ND	36	29.2	81		32.1	87		30-150	9		50	A
Aldrin	ND	36	27.8	77		31.0	84		30-150	11		50	A
Heptachlor epoxide	ND	36	24.1	67		26.8	72		30-150	11		50	A
Endrin	ND	36	29.4	82		32.3	87		30-150	9		50	A
Endrin aldehyde	ND	36	25.2	70		27.8	75		30-150	10		50	A
Endrin ketone	ND	36	29.4	82		31.4	85		30-150	7		50	A
Dieldrin	ND	36	30.0	83		33.5	90		30-150	11		50	A
4,4'-DDE	ND	36	28.4	79		32.0	86		30-150	12		50	A
4,4'-DDD	ND	36	30.2	84		33.1	89		30-150	9		50	A
4,4'-DDT	ND	36	29.7	83		32.3	87		30-150	8		50	A
Endosulfan I	ND	36	26.9	75		29.9	81		30-150	11		50	A
Endosulfan II	ND	36	28.4	79		31.3	85		30-150	10		50	A
Endosulfan sulfate	ND	36	27.1	75		29.8	80		30-150	9		50	A
Methoxychlor	ND	36	28.0	78		30.2	82		30-150	8		50	A
cis-Chlordane	ND	36	26.4	73		29.2	79		30-150	10		50	A
trans-Chlordane	ND	36	32.8	91		45.1	122		30-150	32		50	A

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 25-26 QC Batch ID: WG2029260-4 WG2029260-5 QC Sample: L2507040-25 Client ID: H01R-2-4												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		72		30-150	A
Decachlorobiphenyl	66		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		71		30-150	B
Decachlorobiphenyl	65		66		30-150	B

METALS

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-07
Client ID: B08R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 10:07
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Copper, Total	39.0		mg/kg	0.819	0.186	2	02/13/25 13:44	02/14/25 09:31	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-09
Client ID: D04R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 10:50
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Chromium, Total	19.8		mg/kg	0.783	0.664	2	02/13/25 13:44	02/14/25 09:38	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-11
Client ID: E07R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 11:18
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	67.0		mg/kg	0.914	0.395	2	02/13/25 13:44	02/14/25 09:45	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-12
Client ID: E07R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 11:15
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	30.3		mg/kg	0.880	0.380	2	02/20/25 19:44	02/21/25 12:04	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-13
Client ID: E07R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 11:13
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.47		mg/kg	0.782	0.338	2	02/28/25 11:23	02/28/25 18:59	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-14
Client ID: E07R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 11:11
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.082	0.054	1	02/13/25 14:25	02/13/25 19:51	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-17
Client ID: C11R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 09:45
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	21.3		mg/kg	0.893	0.386	2	02/13/25 13:44	02/14/25 09:51	EPA 3050B	1,6010D	DMC
Mercury, Total	12.4		mg/kg	0.768	0.501	10	02/13/25 14:25	02/13/25 21:53	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-18
Client ID: C11R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 09:47
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	10.2		mg/kg	0.873	0.377	2	02/20/25 19:44	02/21/25 11:45	EPA 3050B	1,6010D	EFM
Mercury, Total	1.29		mg/kg	0.078	0.051	1	02/20/25 16:54	02/21/25 10:01	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-19
Client ID: C11R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 09:50
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.404		mg/kg	0.082	0.054	1	02/28/25 15:40	03/02/25 11:06	EPA 7471B	1,7471B	CME

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-20
Client ID: C11R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 09:53
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.073	0.048	1	02/12/25 16:50	02/12/25 21:29	EPA 7471B	1,7471B	CME

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-22
Client ID: B08R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 10:00
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	22.0		mg/kg	0.904	0.391	2	02/13/25 13:44	02/14/25 09:58	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-23
Client ID: B08R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 10:03
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	15.8		mg/kg	0.887	0.383	2	02/20/25 19:44	02/21/25 11:51	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-27
Client ID: G02R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/06/25 15:10
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Nickel, Total	22.3		mg/kg	1.97	0.636	2	02/13/25 13:44	02/14/25 10:04	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-28
Client ID: A13R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 08:50
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.136		mg/kg	0.080	0.052	1	02/12/25 16:50	02/12/25 21:32	EPA 7471B	1,7471B	CME

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-29
Client ID: A13R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 08:55
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.061	J	mg/kg	0.080	0.052	1	02/20/25 16:54	02/21/25 10:11	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-30
Client ID: A13R-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 09:00
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	1.50		mg/kg	0.102	0.067	1	02/20/25 16:54	02/21/25 10:14	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-31
Client ID: A13R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 09:05
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.080	0.052	1	02/20/25 16:54	02/21/25 10:17	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-40
Client ID: I04R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 13:30
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	10.2		mg/kg	0.946	0.409	2	02/13/25 13:44	02/14/25 10:17	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-46
Client ID: H04R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 14:15
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.977		mg/kg	0.091	0.060	1	02/12/25 16:50	02/12/25 21:35	EPA 7471B	1,7471B	CME

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-47
Client ID: H04R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 14:16
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.622		mg/kg	0.088	0.057	1	02/20/25 16:54	02/21/25 10:27	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-49
Client ID: H04R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 14:18
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Nickel, Total	31.0		mg/kg	2.12	0.685	2	02/13/25 10:23	02/14/25 15:29	EPA 3050B	1,6010D	DMC
Zinc, Total	98.2		mg/kg	4.24	0.514	2	02/13/25 10:23	02/14/25 15:29	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-51
Client ID: G04R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 14:40
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.078	0.051	1	02/12/25 16:50	02/12/25 21:38	EPA 7471B	1,7471B	CME

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-52
Client ID: G04R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 14:41
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.097	0.063	1	02/20/25 16:54	02/21/25 10:31	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-53
Client ID: G04R-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 14:42
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.085	0.056	1	02/20/25 16:54	02/21/25 10:34	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-54
Client ID: G04R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 14:43
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	ND		mg/kg	0.088	0.057	1	02/20/25 16:54	02/21/25 10:37	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2507040
Project Number: CV04.001
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-55
Client ID: G04R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 14:44
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.051	J	mg/kg	0.075	0.049	1	02/13/25 14:25	02/13/25 20:00	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-57
Client ID: FB-250207
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/07/25 10:00
Date Received: 02/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Barium, Total	ND		mg/l	0.0100	0.0021	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Calcium, Total	0.123		mg/l	0.100	0.0350	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Iron, Total	ND		mg/l	0.0500	0.0090	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Magnesium, Total	ND		mg/l	0.100	0.0153	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Manganese, Total	ND		mg/l	0.0100	0.0016	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/09/25 19:46	02/13/25 19:45	EPA 7470A	1,7470A	TAA
Nickel, Total	ND		mg/l	0.0250	0.0024	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Potassium, Total	ND		mg/l	2.50	0.237	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Sodium, Total	0.138	J	mg/l	2.00	0.120	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL
Zinc, Total	ND		mg/l	0.0500	0.0021	1	02/09/25 17:09	02/10/25 12:54	EPA 3005A	1,6010D	DHL

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 57 Batch: WG2028274-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Barium, Total	ND		mg/l	0.0100	0.0021	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Calcium, Total	ND		mg/l	0.100	0.0350	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Iron, Total	ND		mg/l	0.0500	0.0090	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Magnesium, Total	ND		mg/l	0.100	0.0153	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Manganese, Total	ND		mg/l	0.0100	0.0016	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Nickel, Total	ND		mg/l	0.0250	0.0024	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Potassium, Total	ND		mg/l	2.50	0.237	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Sodium, Total	ND		mg/l	2.00	0.120	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL
Zinc, Total	ND		mg/l	0.0500	0.0021	1	02/09/25 17:09	02/10/25 11:14	1,6010D	DHL

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 57 Batch: WG2028275-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/09/25 19:46	02/12/25 18:29	1,7470A	CME

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 20,28,46,51 Batch: WG2029556-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/12/25 16:50	02/12/25 19:42	1,7471B	CME

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07,09,11,17,22,27,40 Batch: WG2029757-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/13/25 13:44	02/14/25 08:09	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/13/25 13:44	02/14/25 08:09	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.091	1	02/13/25 13:44	02/14/25 08:09	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.323	1	02/13/25 13:44	02/14/25 08:09	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 14,17,55 Batch: WG2029771-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/13/25 14:25	02/13/25 18:59	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 49 Batch: WG2029776-1										
Nickel, Total	ND		mg/kg	1.00	0.323	1	02/13/25 10:23	02/14/25 14:57	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.242	1	02/13/25 10:23	02/14/25 14:57	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 12,18,23 Batch: WG2032312-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/20/25 19:44	02/21/25 11:32	1,6010D	EFM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 18,29-31,47,52-54 Batch: WG2032314-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/20/25 16:54	02/21/25 09:54	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 13 Batch: WG2035188-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/28/25 11:23	02/28/25 18:50	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 19 Batch: WG2035251-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/28/25 15:40	03/02/25 11:00	1,7471B	CME

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 57 Batch: WG2028274-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	104		-		80-120	-		
Arsenic, Total	98		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	98		-		80-120	-		
Cadmium, Total	92		-		80-120	-		
Calcium, Total	102		-		80-120	-		
Chromium, Total	96		-		80-120	-		
Cobalt, Total	94		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	104		-		80-120	-		
Lead, Total	96		-		80-120	-		
Magnesium, Total	97		-		80-120	-		
Manganese, Total	99		-		80-120	-		
Nickel, Total	98		-		80-120	-		
Potassium, Total	106		-		80-120	-		
Selenium, Total	97		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	105		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	97		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 57 Batch: WG2028274-2					
Zinc, Total	91	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 57 Batch: WG2028275-2					
Mercury, Total	90	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 20,28,46,51 Batch: WG2029556-2					
Mercury, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 07,09,11,17,22,27,40 Batch: WG2029757-2					
Arsenic, Total	95	-	80-120	-	
Chromium, Total	96	-	80-120	-	
Copper, Total	98	-	80-120	-	
Nickel, Total	94	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 14,17,55 Batch: WG2029771-2					
Mercury, Total	99	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 49 Batch: WG2029776-2					
Nickel, Total	102	-	80-120	-	
Zinc, Total	104	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12,18,23 Batch: WG2032312-2					
Arsenic, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 18,29-31,47,52-54 Batch: WG2032314-2					
Mercury, Total	94	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 13 Batch: WG2035188-2					
Arsenic, Total	93	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 19 Batch: WG2035251-2					
Mercury, Total	99	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 57 QC Batch ID: WG2028274-3 QC Sample: L2506741-01 Client ID: MS Sample												
Aluminum, Total	ND	2	2.02	101		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.560	112		-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.131	109		-	-		75-125	-		20
Barium, Total	0.161	2	2.11	97		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.0486	97		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.0513	97		-	-		75-125	-		20
Calcium, Total	89.6	10	96.7	**71**	Q	-	-		75-125	-		20
Chromium, Total	ND	0.2	0.188	94		-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.486	97		-	-		75-125	-		20
Copper, Total	0.003J	0.25	0.264	106		-	-		75-125	-		20
Iron, Total	ND	1	1.01	101		-	-		75-125	-		20
Lead, Total	ND	0.53	0.508	96		-	-		75-125	-		20
Magnesium, Total	18.0	10	26.7	87		-	-		75-125	-		20
Manganese, Total	0.025	0.5	0.507	96		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.502	100		-	-		75-125	-		20
Potassium, Total	8.36	10	18.6	102		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.128	107		-	-		75-125	-		20
Silver, Total	ND	0.05	0.0527	105		-	-		75-125	-		20
Sodium, Total	213	10	216	**30**	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.112	93		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.479	96		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 57 QC Batch ID: WG2028274-3 QC Sample: L2506741-01 Client ID: MS Sample											
Zinc, Total	0.0517	0.5	0.536	97		-	-		75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 57 QC Batch ID: WG2028275-3 QC Sample: L2507054-01 Client ID: MS Sample											
Mercury, Total	ND	0.005	0.00479	96		-	-		75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 20,28,46,51 QC Batch ID: WG2029556-3 QC Sample: L2506522-01 Client ID: MS Sample											
Mercury, Total	ND	1.72	1.69	98		-	-		80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 07,09,11,17,22,27,40 QC Batch ID: WG2029757-3 QC Sample: L2506781-01 Client ID: MS Sample											
Arsenic, Total	7.54	10	16.5	89		-	-		75-125	-	20
Chromium, Total	6.66	16.7	22.0	92		-	-		75-125	-	20
Copper, Total	22.7	20.9	45.6	110		-	-		75-125	-	20
Nickel, Total	4.57	41.7	44.7	96		-	-		75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 14,17,55 QC Batch ID: WG2029771-3 QC Sample: L2506781-01 Client ID: MS Sample											
Mercury, Total	0.047J	1.56	1.60	102		-	-		80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 49 QC Batch ID: WG2029776-3 WG2029776-4 QC Sample: L2507077-13 Client ID: MS Sample											
Nickel, Total	4.94	40.9	42.1	91		40.4	84		75-125	4	20
Zinc, Total	32.4	40.9	69.1	90		59.1	**64**	Q	75-125	16	20
Total Metals - Mansfield Lab Associated sample(s): 12,18,23 QC Batch ID: WG2032312-3 QC Sample: L2507040-12 Client ID: E07R-1-1.5											
Arsenic, Total	30.3	10.7	42.0	109		-	-		75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 18,29-31,47,52-54 QC Batch ID: WG2032314-3 QC Sample: L2507040-18 Client ID: C11R-1-1.5											
Mercury, Total	1.29	1.52	2.82	100		-	-		80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13 QC Batch ID: WG2035188-7 QC Sample: L2510097-10 Client ID: MS Sample									
Arsenic, Total	2.23	10.4	11.4	88	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 19 QC Batch ID: WG2035251-3 QC Sample: L2507040-19 Client ID: C11R-1.5-2									
Mercury, Total	0.404	1.69	2.12	101	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 57 QC Batch ID: WG2028274-4 QC Sample: L2506741-01 Client ID: DUP Sample						
Iron, Total	ND	ND	mg/l	NC		20
Zinc, Total	0.0517	0.0505	mg/l	2		20
Total Metals - Mansfield Lab Associated sample(s): 57 QC Batch ID: WG2028275-4 QC Sample: L2507054-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 20,28,46,51 QC Batch ID: WG2029556-4 QC Sample: L2506522-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 07,09,11,17,22,27,40 QC Batch ID: WG2029757-4 QC Sample: L2506781-01 Client ID: DUP Sample						
Arsenic, Total	7.54	7.01	mg/kg	7		20
Chromium, Total	6.66	5.62	mg/kg	17		20
Total Metals - Mansfield Lab Associated sample(s): 14,17,55 QC Batch ID: WG2029771-4 QC Sample: L2506781-01 Client ID: DUP Sample						
Mercury, Total	0.047J	0.085	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 12,18,23 QC Batch ID: WG2032312-4 QC Sample: L2507040-12 Client ID: E07R-1-1.5						
Arsenic, Total	30.3	30.7	mg/kg	1		20
Total Metals - Mansfield Lab Associated sample(s): 18,29-31,47,52-54 QC Batch ID: WG2032314-4 QC Sample: L2507040-18 Client ID: C11R-1-1.5						
Mercury, Total	1.29	1.21	mg/kg	6		20
Total Metals - Mansfield Lab Associated sample(s): 13 QC Batch ID: WG2035188-8 QC Sample: L2510097-10 Client ID: DUP Sample						
Arsenic, Total	2.23	2.84	mg/kg	**24**	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001

Lab Number: L2507040

Report Date: 03/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19 QC Batch ID: WG2035251-4 QC Sample: L2507040-19 Client ID: C11R-1.5-2						
Mercury, Total	0.404	0.302	mg/kg	**29**	Q	20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2507040
Report Date: 03/04/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12,18,23 QC Batch ID: WG2032312-6 QC Sample: L2507040-12 Client ID: E07R-1-1.5						
Arsenic, Total	30.3	32.5	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-01
Client ID: G10R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/07/25 12:00
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	02/08/25 10:15	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-02
Client ID: G10R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 12:05
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.2		%	0.100	NA	1	-	02/08/25 10:15	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-03
Client ID: G07R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 12:20
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	02/08/25 10:15	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-04
Client ID: G07R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 12:25
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	02/08/25 10:15	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-05
Client ID: H06R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 12:55
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	02/08/25 10:15	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-06
Client ID: H06R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 12:58
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	02/18/25 09:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-07
Client ID: B08R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 10:07
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	02/08/25 10:15	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-09
Client ID: D04R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 10:50
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	98.0		%	0.100	NA	1	-	02/08/25 10:15	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.816	0.163	1	02/14/25 08:24	02/14/25 14:38	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-11
Client ID: E07R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 11:18
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-12
Client ID: E07R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 11:15
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	02/18/25 09:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-13
Client ID: E07R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 11:13
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.2		%	0.100	NA	1	-	02/25/25 08:08	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-14
Client ID: E07R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 11:11
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.9		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-15
Client ID: G11R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 11:52
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-17
Client ID: C11R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 09:45
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-18
Client ID: C11R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 09:47
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	02/18/25 09:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-19
Client ID: C11R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 09:50
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.7		%	0.100	NA	1	-	02/25/25 08:08	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-20
Client ID: C11R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 09:53
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.8		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-22
Client ID: B08R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 10:00
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-23
Client ID: B08R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 10:03
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.7		%	0.100	NA	1	-	02/18/25 09:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-25
Client ID: H01R-2-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 14:50
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-26
Client ID: H01R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 14:55
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-27
Client ID: G02R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/25 15:10
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.2		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-28
Client ID: A13R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 08:50
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-29
Client ID: A13R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 08:55
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	02/18/25 09:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-30
Client ID: A13R-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 09:00
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.2		%	0.100	NA	1	-	02/18/25 09:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-31
Client ID: A13R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 09:05
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	02/18/25 09:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-32
Client ID: B12R-6-7
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 09:10
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.9		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-33
Client ID: H06R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 13:00
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	02/25/25 08:08	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-34
Client ID: H06R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 13:03
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-36
Client ID: H06R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 13:09
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	02/18/25 09:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-37
Client ID: I06R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 13:14
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-39
Client ID: I06R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 13:17
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	02/18/25 09:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-40
Client ID: I04R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 13:30
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-43
Client ID: I04R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 13:36
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-46
Client ID: H04R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 14:15
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.4		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-47
Client ID: H04R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 14:16
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.6		%	0.100	NA	1	-	02/18/25 09:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-49
Client ID: H04R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 14:18
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-51
Client ID: G04R-2-2.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 14:40
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-52
Client ID: G04R-2.5-3
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 14:41
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	02/18/25 09:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-53
Client ID: G04R-3-3.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 14:42
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	02/18/25 09:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-54
Client ID: G04R-3.5-4
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 14:43
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	02/18/25 09:04	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-55
Client ID: G04R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 14:44
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	02/08/25 10:29	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

SAMPLE RESULTS

Lab ID: L2507040-57
Client ID: FB-250207
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Water

Date Collected: 02/07/25 10:00
Date Received: 02/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	02/08/25 05:50	02/08/25 06:05	1,7196A	MRM

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507040

Project Number: CV04.001 **Report Date:** 03/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 57 Batch: WG2028064-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	02/08/25 05:50	02/08/25 06:05	1,7196A	MRM
General Chemistry - Westborough Lab for sample(s): 09 Batch: WG2029946-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/14/25 08:24	02/14/25 14:38	1,7196A	RDS

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 57 Batch: WG2028064-2								
Chromium, Hexavalent	96		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG2029946-2								
Chromium, Hexavalent	81		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 57 QC Batch ID: WG2028064-4 QC Sample: L2507040-57 Client ID: FB-250207												
Chromium, Hexavalent	ND	0.1	0.093	93		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG2029946-4 QC Sample: L2507040-09 Client ID: D04R-2-4												
Chromium, Hexavalent	ND	1240	1210	97		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 57 QC Batch ID: WG2028064-3 QC Sample: L2507040-57 Client ID: FB-250207						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-05,07,09 QC Batch ID: WG2028092-1 QC Sample: L2507040-01 Client ID: G10R-2-4						
Solids, Total	86.0	90.2	%	5		20
General Chemistry - Westborough Lab Associated sample(s): 11,14-15,17,20,22,25-28,32,34,37,40,43,46,49,51,55 QC Batch ID: WG2028094-1 QC Sample: L2507040-32 Client ID: B12R-6-7						
Solids, Total	93.9	97.0	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG2029946-6 QC Sample: L2507040-09 Client ID: D04R-2-4						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 06,12,18,23,29-31,36,39,47,52-54 QC Batch ID: WG2031243-1 QC Sample: L2507040-06 Client ID: H06R-1-1.5						
Solids, Total	82.5	82.7	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 13,19,33 QC Batch ID: WG2033735-1 QC Sample: L2506645-21 Client ID: DUP Sample						
Solids, Total	87.2	87.0	%	0		20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2507040-01A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-01A1	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-01A2	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-02A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		TS(7),HOLD-8081(14)
L2507040-03A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-03A1	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-03A2	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-04A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-05A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-06A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-07A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2507040-07B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		CU-TI(180)
L2507040-08A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		HOLD-WETCHEM()
L2507040-08B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2507040-09A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		CR-TI(180)
L2507040-09B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		TS(7),HEXCR-7196(30)
L2507040-10A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2507040-10B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM()
L2507040-11A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180)
L2507040-11B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-12A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180)
L2507040-12B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2507040-13A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		AS-TI(180)
L2507040-13B	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		S-EXT-NY/NJ/PA-8081(14),TS(7),NYTCL-8081(14)
L2507040-14A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-METAL(180),HG-T(28)
L2507040-14B	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		S-EXT-NY/NJ/PA-8081(14),TS(7),HOLD-8081(14)
L2507040-15A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-16A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507040-17A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2507040-17B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180),HG-T(28)
L2507040-18A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2507040-18B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180),HG-T(28)
L2507040-19A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2507040-19B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HG-T(28)
L2507040-20A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2507040-20B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HG-T(28)
L2507040-21A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		HOLD-WETCHEM()
L2507040-21B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2507040-22A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2507040-22B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180)
L2507040-23A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2507040-23B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180)
L2507040-24A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		HOLD-WETCHEM()
L2507040-24B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2507040-25A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-25A1	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-25A2	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-26A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-27A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2507040-27B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		NI-TI(180)
L2507040-28A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HG-T(28)
L2507040-28B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-29A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),HOLD-8081(14)
L2507040-29B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HG-T(28)
L2507040-30A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),TS(7),HOLD-8081(14)
L2507040-30B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180),HG-T(28)
L2507040-31A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),HOLD-8081(14)
L2507040-31B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HG-T(28)
L2507040-32A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-32A1	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-32A2	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-33A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7)
L2507040-33B	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		S-EXT-NY/NJ/PA-8081(14),NYTCL-8081(14)
L2507040-34A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-35A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507040-36A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-37A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-38A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507040-39A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-40A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		AS-TI(180)
L2507040-40B	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-41A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-METAL(180)
L2507040-41B	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507040-42A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-METAL(180)
L2507040-42B	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507040-43A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-44A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2507040-45A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507040-46A	Plastic 2oz unpreserved for TS	B	NA		4.4	Y	Absent		TS(7)
L2507040-46B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HG-T(28)
L2507040-47A	Plastic 2oz unpreserved for TS	B	NA		4.4	Y	Absent		TS(7)
L2507040-47B	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HG-T(28)
L2507040-48A	Plastic 2oz unpreserved for TS	B	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2507040-48B	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-METAL(180)
L2507040-49A	Plastic 2oz unpreserved for TS	B	NA		4.4	Y	Absent		TS(7)
L2507040-49B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		NI-TI(180),ZN-TI(180)
L2507040-50A	Plastic 2oz unpreserved for TS	B	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2507040-50B	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-METAL(180)
L2507040-51A	Plastic 2oz unpreserved for TS	B	NA		4.4	Y	Absent		TS(7)
L2507040-51B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HG-T(28)
L2507040-52A	Plastic 2oz unpreserved for TS	B	NA		4.4	Y	Absent		TS(7)
L2507040-52B	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HG-T(28)
L2507040-53A	Plastic 2oz unpreserved for TS	B	NA		4.4	Y	Absent		TS(7)
L2507040-53B	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HG-T(28)
L2507040-54A	Plastic 2oz unpreserved for TS	B	NA		4.4	Y	Absent		TS(7)
L2507040-54B	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HG-T(28)
L2507040-55A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		TS(7),NYTCL-8081(14)
L2507040-55B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HG-T(28)
L2507040-56A	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-METAL(180)
L2507040-56B	Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507040-57A	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8081-RVT(7)
L2507040-57B	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8081-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507040
Report Date: 03/04/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2507040-57C	Plastic 250ml HNO3 preserved	A	<2	<2	2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2507040-57D	Plastic 250ml unpreserved	A	7	7	2.7	Y	Absent		HEXCR-7196(1)

Container Comments

L2507040-14A

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2507040
Project Number:	CV04.001	**Report Date:**	03/04/25

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2507040
Project Number:	CV04.001	**Report Date:**	03/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2507040
Project Number:	CV04.001	**Report Date:**	03/04/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507040
Report Date: 03/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2507040

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCL, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Sample Comment
01	G10R-2-4	SO	G			2/7/25	1200					X				
02	G10R-2-4 MS						1200					H				Hold
-01	G10R-2-4 MSD						1200					H				Hold
-02	G10R-4-6						1205					X				
-03	G07R-2-4						1220					X				
-03	G07R-2-4 MS						1220					H				Hold
-03	G07R-2-4 MSD						1220					H				Hold
-04	G07R-4-6						1225					X				
-05	H06R-0.5-1						1255					X				
-06	H06R-1-1.5						1254					H				Hold

Lab Use Only: Proj. Mgr: / Acct#Num / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample

Additional Instructions from Pace®:

Collected By: Printed Name: Kevin O'Brien Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: / Thermometer ID: / Correction Factor (°C): / Obs. Temp. (°C): / Corrected Temp. (°C): / [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	2/7/25 15:30	ECS/PACE	2.7.25 15:30
ECS/PACE	2.7.25 19:25	PAS	2/7/25 1930
PAS	2/7/25		2/7/25 2330
	2/8/25 0236		2/8/25 235

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ID

L2507040

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals - Hex Chrome 6010/7470 - 7196	Copper	Arsenic	Mercury			Sample Comment	Preservation non-conformance identified for sample
-07 BOSR-6-8	SO	G			2/7/25	1007									X						
-08 BOSR-8-10					2/7/25	1010									H					Hold	
-09 DOHR-2-4					2/7/25	1050								X							
-10 DOHR-4-6					2/7/25	1053								H						Hold	
-11 EOTR-0.5-1					2/7/25	1150							X			X					
-12 EOTR-1-1.5					2/7/25	1115							H			H				Hold	
-13 EOTR-1.5-2					2/7/25	1113							H			H				Hold	
-14 EOTR-2-4					2/7/25	1111							H			H	X			Hold	
-15 GHR-2-4					2/7/25	1152							X								
-16 GHR-4-6					2/7/25	1150							H							Hold	

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Additional Instructions from Pace*:

Collected By: Printed Name: Kevin O'Rourke Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
	2/7/25 3:30	ICE PACE	2.7.25 15:30	
ICE PACE	2.7.25 19:25	PAT	2/7/25 1930	Delivered by: [ ] In-Person [ ] Courier
PAT	2/7/25		2/7/25 2350	[ ] FedEx [ ] UPS [ ] Other
	2/8/25 0235		2/8/25 235	Page: 2 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

1250740

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC

Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Arsenic	Mercury			Sample Comment
32 BSR-6-7 MS	SO	G			2/7/25	910							X						
32 BSR-6-7 MSD						910							X						
-17 CHR-0.5-1						945									X	X			
-18 CHR-1-1.5						947									H	H			Hold
-19 CHR-1.5-2						950									H	H			Hold
-20 CHR-6-8						953										X			
-21 CHR-8-10						955										H			Hold
-22 BOSR-0.5-1						1000									X				
-23 BOSR-1-1.5						1003									H				Hold
-24 BOSR-1.5-2						1005									H				Hold

Additional Instructions from Pace®:

Collected By: Printed Name: Logan Orner Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDO Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	2/7/25 5:30	PACE	2.7.25 15:30
PACE	2.7.25 19:25		2/7/25 1930
	2/7/25		2/7/25 2330
	2/8/25 0235		2/8 235

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 3 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

ENV-FRM-CORO-0019_v02_110123 ©

L2507040

Pace® Location Requested (City/State): Westborough, MA

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC

Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 80mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Nickel	Mercury				Sample Comment	Preservation non-conformance identified for sample
25	HOIR-2-4	SO	G			2/6/25	1450							X								
-25	HOIR-2-4 MS					2/6/25	1450							H							Hold	
25	HOIR-2-4 MSD					2/6/25	1450							H							Hold	
26	HOIR-4-6					2/6/25	1455							X								
27	GOZR-2.5-3					2/6/25	1510									X						
28	A13R-2-2.5					2/6/25	850							X			X					
29	A13R-2.5-3						855							H			H				Hold	
30	A13R-3-3.5						900							H			H				Hold	
31	A13R-3.5-4						905							H			H				Hold	
32	B12R-6-7						910							X								

Additional Instructions from Pace®:

Collected By: Printed Name: Lauren O Rourke Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time	Tracking Number:
	2/7/25 3:30	TERRAPACE	2.7.25 15:30	
Relinquished by/Company: (Signature) TERRAPACE	2.7.25 19:25	PTI	2/7/25 1930	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
PTI	2/7/25		2/7/25 2350	
	2/8/25 0233		2/8 235	Page: 4 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

L2507040

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other ____ — Date Results Requested:

DW PWSID # or WW Permit # as applicable: — Field Filtered (if applicable): [ ] Yes [ ] No — Analysis:

Specify Container Size **

Identify Container Preservative Type***

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Arsenic					Sample Comment	Preservation non-conformance identified for sample.
33	HA6R-1.5-2	SO	G			2/7/25	1300							H							Hold	
34	HA6R-4-6						1303							X								
35	~~HA6R~~ DUP-06						1306							H							Hold	
36	HA6R-6-8						1309							H							Hold	
37	HA6R-4-6						1314							X								
38	DUP-15						1315							H							Hold	
39	IA6R-6-8						1317							H							Hold	
40	IA4R-0.5-1						1330							X		X						
41	IA4R-1-1.5						1332							H		H					Hold	
42	IA4R-1.5-2						1334							H		H					Hold	

Additional Instructions from Pace®:

Collected By: Printed Name: Karsen O'Rourke — Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time	Tracking Number:
	2/7/25 5:30	ICE BAKE	2.7.25 15:30	
ICE BAKE	2.7.25 19:25		2/7/25 1930	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
	2/7/25		2/7/25 2330	
	2/8/25 0235		2/8/25 235	Page: 5 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

L2507040

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report to: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC

Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals - Hex Chrome 6010/7470 + 7196	Mercury	Nickel	Zinc			Sample Comment
43	HOLR-4-6	SO	G			2/7/25	1336							X							
44	DUP-15						1345							H							Hold
45	HOLR-6-8						1340							H							Hold
46	HOLR-0.5-1						1415									X					
47	HOLR-1-1.5						1416									H					Hold
48	HOLR-1.5-2						1417									H					Hold
49	HOLR-4-6						1418										X	X			
50	HOLR-6-8						1419										H	H			Hold
51	GOLR-2-2.5						1440									X					
52	GOLR-2.5-3						1441									H					Hold

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: Printed Name: Karsen O Rourke Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	2/7/25 3:30	FEDEX	2.7.25 15:30
FEDEX	2-7-25 19:25	RAT	2/7/25 1930
RAT	2/7/25		2/8/25 235
	2/8/25 0235		2/8/25 235

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

L2507040

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC

Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Mercury					Sample Comment
53 GWR-3-3.5	SO	G			2/7/25	1442									H					Hold
54 GWR-3.5-4						1443									H					Hold
55 GWR-6-8						1444							X		X					
56 GWR-8-10						1445							X		X					Hold
57 FB-250207	FB					1000							X	X						

Additional Instructions from Pace®:

Collected By: Printed Name / Signature

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time	Tracking Number:
	2/7/25 1730	PACE	2.7.25 15:30	
PACE	2.7.25 19:25		2/7/25 1930	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
	2/8/25		2/8/25 2330	
	2/8/25 0235		2/8/25 235	Page: 7 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

ANALYTICAL REPORT

Lab Number:	L2507419
Client:	Terraphase Engineering Inc. 222 International Drive Suite 150 Portsmouth, NH 03801
ATTN:	Nicholas Krasnecky
Phone:	(858) 385-0022
Project Name:	ELMWOOD PRESERVE
Project Number:	CV04.001
Report Date:	03/12/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2507419-01	I14R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 08:20	02/11/25
L2507419-02	I14R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 08:21	02/11/25
L2507419-03	I14R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 08:22	02/11/25
L2507419-04	H13R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 08:35	02/11/25
L2507419-05	H13R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 08:36	02/11/25
L2507419-06	H13R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 08:37	02/11/25
L2507419-07	H14R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 08:50	02/11/25
L2507419-08	H14R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 08:51	02/11/25
L2507419-09	H14R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 08:52	02/11/25
L2507419-10	F15R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 09:20	02/11/25
L2507419-11	F15R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 09:21	02/11/25
L2507419-12	F15R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 09:22	02/11/25
L2507419-13	G15R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 09:30	02/11/25
L2507419-14	G15R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 09:31	02/11/25
L2507419-15	G15R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 09:32	02/11/25
L2507419-16	D14R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 09:52	02/11/25
L2507419-17	D14R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 09:53	02/11/25
L2507419-18	D14R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 09:54	02/11/25
L2507419-19	D13R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 10:05	02/11/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2507419-20	D13R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 10:06	02/11/25
L2507419-21	D13R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 10:07	02/11/25
L2507419-22	D11R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 10:35	02/11/25
L2507419-23	D11R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 10:36	02/11/25
L2507419-24	D11R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 10:37	02/11/25
L2507419-25	C10R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 11:43	02/11/25
L2507419-26	C10R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 11:44	02/11/25
L2507419-27	C10R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 11:45	02/11/25
L2507419-28	A11R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 11:54	02/11/25
L2507419-29	A11R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 11:55	02/11/25
L2507419-30	A11R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 11:56	02/11/25
L2507419-31	B13R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 12:00	02/11/25
L2507419-32	B13R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 12:01	02/11/25
L2507419-33	B13R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 12:02	02/11/25
L2507419-34	E12R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 12:40	02/11/25
L2507419-35	E12R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 12:41	02/11/25
L2507419-36	E12R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 12:42	02/11/25
L2507419-37	F10R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 13:50	02/11/25
L2507419-38	F10R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 13:51	02/11/25
L2507419-39	F10R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 13:52	02/11/25
L2507419-40	F11R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 14:10	02/11/25
L2507419-41	F11R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 14:11	02/11/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2507419-42	F11R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 14:12	02/11/25
L2507419-43	E03R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 15:36	02/11/25
L2507419-44	E03R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 15:37	02/11/25
L2507419-45	E03R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 15:38	02/11/25
L2507419-46	C03R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 15:47	02/11/25
L2507419-47	C03R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 15:48	02/11/25
L2507419-48	C03R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 15:49	02/11/25
L2507419-49	FB-250208	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 13:45	02/11/25
L2507419-50	G03R-6-7.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 15:02	02/11/25
L2507419-51	E08R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 11:05	02/11/25
L2507419-52	E08R-1.-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 11:08	02/11/25
L2507419-53	E08R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 11:10	02/11/25
L2507419-54	E06R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 11:15	02/11/25
L2507419-55	E06R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 11:18	02/11/25
L2507419-56	E06R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 11:20	02/11/25
L2507419-57	F07R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 11:30	02/11/25
L2507419-58	F07R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 11:32	02/11/25
L2507419-59	F07R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 11:35	02/11/25
L2507419-60	F08R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 11:40	02/11/25
L2507419-61	F08R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 11:42	02/11/25
L2507419-62	F08R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 11:45	02/11/25
L2507419-63	G06R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 12:25	02/11/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2507419-64	G06R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 12:28	02/11/25
L2507419-65	G06R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 12:30	02/11/25
L2507419-66	H05R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 12:48	02/11/25
L2507419-67	H05R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 12:50	02/11/25
L2507419-68	H03R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 13:05	02/11/25
L2507419-69	H03R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 13:08	02/11/25
L2507419-70	H03R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 13:10	02/11/25
L2507419-71	FB-250210	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/10/25 13:30	02/11/25
L2507419-72	F03R-6-8	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 15:50	02/11/25
L2507419-73	F03R-8-8.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 15:52	02/11/25
L2507419-74	I01R-4-6	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 16:20	02/11/25
L2507419-75	DUP-14	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 16:21	02/11/25
L2507419-76	I01R-6-7	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/07/25 16:25	02/11/25
L2507419-77	H12R-0.5-1	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 08:00	02/11/25
L2507419-78	H12R-1-1.5	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 08:01	02/11/25
L2507419-79	H12R-1.5-2	SOIL	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	02/08/25 08:03	02/11/25

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2507419
Project Number:	CV04.001	**Report Date:**	03/12/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2507419
Project Number:	CV04.001	**Report Date:**	03/12/25

Case Narrative (continued)

Report Submission

March 12, 2025: This final report includes the results of the following analyses:

L2507419-56: Total Arsenic

Additional requests will be reported separately.

March 05, 2025: This preliminary report includes the results of the following analyses:

L2507419-03, -06, and -09: Client specified Pesticides

L2507419-55 and -65: Client specified Total Metals

February 26, 2025: This preliminary report includes the results of the following analyses:

L2507419-02, -05, -08, -11, -44, and -55: Client specified Pesticides

L2507419-05, -14, -26, -29, -32, -35, -41, and -64: Client specified Total Metals

February 20, 2025: This is a preliminary report.

February 18, 2025: This is a preliminary report. Please note that your project has contingency samples on hold. Contact your project manager to request additional analyses within 3 business days of receiving this report. Requests made after this time frame will be reported separately.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The analyses performed were specified by the client.

L2507419-51 through -70: The Client IDs were changed at the client's request.

L2507419-72: The sample identified as "F03-6-8" on the chain of custody was identified as "F03R-6-8" on the container label. At the client's request, the sample is reported as "F03R-6-8".

L2507419-73: The sample identified as "F03-8-8.5" on the chain of custody was identified as "F03R-8-8.5" on the container label. At the client's request, the sample is reported as "F03R-8-8.5".

The chains of custody for L2507419-72 through -79 were not properly received.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419
Project Number: CV04.001 **Report Date:** 03/12/25

Case Narrative (continued)

Pesticides

L2507419-07: The internal standard (IS) response for 1-bromo-2-nitrobenzene (290%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (24%) and decachlorobiphenyl (27%) due to interference with the Internal Standard.

Total Metals

L2507419-04, -22, -28, -40, and -54: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2507419-19, -25, -26, -29, -31, -34, -35, -37, -41, -51, -55, -56, -57, -66, and -68: The sample has an elevated detection limit due to the dilution required by the sample matrix.

L2507419-60: The sample has elevated detection limits for all elements due to the dilution required by the sample matrix.

L2507419-71: The Field Blank has a result for calcium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG2032568-3 MS recovery, performed on L2507419-05, is outside the acceptance criteria for arsenic (74%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 03/12/25

ORGANICS

PESTICIDES

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-01
Client ID: I14R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 08:20
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/15/25 15:20
Analyst: PEG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:09
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.378	1	A
Lindane	ND		ug/kg	0.804	0.359	1	A
Alpha-BHC	ND		ug/kg	0.804	0.228	1	A
Beta-BHC	ND		ug/kg	1.93	0.732	1	A
Heptachlor	ND		ug/kg	0.965	0.432	1	A
Aldrin	ND		ug/kg	1.93	0.679	1	A
Heptachlor epoxide	ND		ug/kg	3.62	1.08	1	A
Endrin	ND		ug/kg	0.804	0.330	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.844	1	A
Endrin ketone	ND		ug/kg	1.93	0.497	1	A
Dieldrin	ND		ug/kg	1.20	0.603	1	A
4,4'-DDE	88.6		ug/kg	1.93	0.446	1	B
4,4'-DDD	ND		ug/kg	1.93	0.688	1	A
4,4'-DDT	18.0		ug/kg	1.93	1.55	1	B
Endosulfan I	ND		ug/kg	1.93	0.456	1	A
Endosulfan II	ND		ug/kg	1.93	0.645	1	A
Endosulfan sulfate	ND		ug/kg	0.804	0.383	1	A
Methoxychlor	ND		ug/kg	3.62	1.12	1	A
Toxaphene	ND		ug/kg	36.2	10.1	1	A
cis-Chlordane	ND		ug/kg	2.41	0.672	1	A
trans-Chlordane	ND		ug/kg	2.41	0.637	1	A
Chlordane	ND		ug/kg	16.1	6.39	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-01 Date Collected: 02/08/25 08:20

Client ID: I14R-0.5-1 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-02
Client ID: I14R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/08/25 08:21
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/21/25 08:12
Analyst: PEG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/19/25 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 02/20/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	18.8		ug/kg	1.92	0.445	1	B
4,4'-DDT	3.45		ug/kg	1.92	1.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-03
Client ID: I14R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/08/25 08:22
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/27/25 23:54
Analyst: JAG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/20/25 01:33
Cleanup Method: EPA 3620B
Cleanup Date: 02/20/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	6.00		ug/kg	1.97	0.456	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-04
Client ID: H13R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 08:35
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/15/25 15:32
Analyst: PEG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:09
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.378	1	A
Lindane	ND		ug/kg	0.803	0.359	1	A
Alpha-BHC	ND		ug/kg	0.803	0.228	1	A
Beta-BHC	ND		ug/kg	1.93	0.731	1	A
Heptachlor	ND		ug/kg	0.964	0.432	1	A
Aldrin	ND		ug/kg	1.93	0.679	1	A
Heptachlor epoxide	ND		ug/kg	3.61	1.08	1	A
Endrin	ND		ug/kg	0.803	0.329	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.843	1	A
Endrin ketone	ND		ug/kg	1.93	0.496	1	A
Dieldrin	1.92		ug/kg	1.20	0.602	1	B
4,4'-DDE	26.0		ug/kg	1.93	0.446	1	B
4,4'-DDD	ND		ug/kg	1.93	0.688	1	A
4,4'-DDT	6.96		ug/kg	1.93	1.55	1	B
Endosulfan I	ND		ug/kg	1.93	0.455	1	A
Endosulfan II	ND		ug/kg	1.93	0.644	1	A
Endosulfan sulfate	ND		ug/kg	0.803	0.382	1	A
Methoxychlor	ND		ug/kg	3.61	1.12	1	A
Toxaphene	ND		ug/kg	36.1	10.1	1	A
cis-Chlordane	ND		ug/kg	2.41	0.672	1	A
trans-Chlordane	ND		ug/kg	2.41	0.636	1	A
Chlordane	ND		ug/kg	16.1	6.39	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-04 Date Collected: 02/08/25 08:35

Client ID: H13R-0.5-1 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-05
Client ID: H13R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/08/25 08:36
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/21/25 08:25
Analyst: PEG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/19/25 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 02/20/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	4.26		ug/kg	1.82	0.420	1	B
4,4'-DDT	ND		ug/kg	1.82	1.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-06
Client ID: H13R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/08/25 08:37
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/28/25 00:05
Analyst: JAG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 02/20/25 01:33
Cleanup Method: EPA 3620B
Cleanup Date: 02/20/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	ND		ug/kg	2.00	0.461	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-07
Client ID: H14R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/08/25 08:50
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/15/25 15:44
Analyst: PEG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:09
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	B
Lindane	ND		ug/kg	0.742	0.332	1	B
Alpha-BHC	ND		ug/kg	0.742	0.211	1	B
Beta-BHC	ND		ug/kg	1.78	0.675	1	B
Heptachlor	ND		ug/kg	0.890	0.399	1	B
Aldrin	ND		ug/kg	1.78	0.627	1	B
Heptachlor epoxide	58.1	P	ug/kg	3.34	1.00	1	B
Endrin	ND		ug/kg	0.742	0.304	1	B
Endrin aldehyde	ND		ug/kg	2.22	0.779	1	B
Endrin ketone	ND		ug/kg	1.78	0.458	1	B
Dieldrin	313	PE	ug/kg	1.11	0.556	1	B
4,4'-DDE	533	PE	ug/kg	1.78	0.412	1	B
4,4'-DDD	ND		ug/kg	1.78	0.635	1	B
4,4'-DDT	320	PE	ug/kg	1.78	1.43	1	B
Endosulfan I	ND		ug/kg	1.78	0.421	1	B
Endosulfan II	ND		ug/kg	1.78	0.595	1	B
Endosulfan sulfate	ND		ug/kg	0.742	0.353	1	B
Methoxychlor	ND		ug/kg	3.34	1.04	1	B
Toxaphene	ND		ug/kg	33.4	9.35	1	B
cis-Chlordane	30.6		ug/kg	2.22	0.620	1	B
trans-Chlordane	35.6	P	ug/kg	2.22	0.588	1	B
Chlordane	ND		ug/kg	14.8	5.90	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-07 Date Collected: 02/08/25 08:50

Client ID: H14R-0.5-1 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**24**	Q	30-150	A
Decachlorobiphenyl	**27**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-07 D
Client ID: H14R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/08/25 08:50
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/17/25 14:28
Analyst: EJL
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:09
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	246		ug/kg	11.1	5.56	10	B
4,4'-DDE	392		ug/kg	17.8	4.12	10	B
4,4'-DDT	262		ug/kg	17.8	14.3	10	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-08
Client ID: H14R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/08/25 08:51
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/21/25 08:37
Analyst: PEG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/19/25 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 02/20/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Heptachlor epoxide	31.1		ug/kg	3.10	0.932	1	B
Dieldrin	121		ug/kg	1.04	0.518	1	B
4,4'-DDE	251		ug/kg	1.66	0.383	1	B
4,4'-DDT	48.8		ug/kg	1.66	1.33	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-09
Client ID: H14R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/08/25 08:52
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/28/25 00:15
Analyst: JAG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/20/25 01:33
Cleanup Method: EPA 3620B
Cleanup Date: 02/20/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	41.6		ug/kg	0.997	0.498	1	A
4,4'-DDE	73.0		ug/kg	1.60	0.369	1	A
4,4'-DDT	19.3		ug/kg	1.60	1.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-10
Client ID: F15R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/08/25 09:20
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/15/25 15:55
Analyst: PEG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:09
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.392	1	A
Lindane	ND		ug/kg	0.833	0.372	1	A
Alpha-BHC	ND		ug/kg	0.833	0.237	1	A
Beta-BHC	ND		ug/kg	2.00	0.758	1	A
Heptachlor	ND		ug/kg	1.00	0.448	1	A
Aldrin	ND		ug/kg	2.00	0.704	1	A
Heptachlor epoxide	ND		ug/kg	3.75	1.12	1	A
Endrin	ND		ug/kg	0.833	0.342	1	A
Endrin aldehyde	ND		ug/kg	2.50	0.875	1	A
Endrin ketone	ND		ug/kg	2.00	0.515	1	A
Dieldrin	24.0		ug/kg	1.25	0.625	1	B
4,4'-DDE	10.8		ug/kg	2.00	0.462	1	B
4,4'-DDD	ND		ug/kg	2.00	0.713	1	A
4,4'-DDT	2.64	IP	ug/kg	2.00	1.61	1	A
Endosulfan I	ND		ug/kg	2.00	0.472	1	A
Endosulfan II	ND		ug/kg	2.00	0.668	1	A
Endosulfan sulfate	ND		ug/kg	0.833	0.397	1	A
Methoxychlor	ND		ug/kg	3.75	1.17	1	A
Toxaphene	ND		ug/kg	37.5	10.5	1	A
cis-Chlordane	ND		ug/kg	2.50	0.697	1	A
trans-Chlordane	ND		ug/kg	2.50	0.660	1	A
Chlordane	ND		ug/kg	16.7	6.62	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-10 Date Collected: 02/08/25 09:20

Client ID: F15R-0.5-1 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	110		30-150	B
Decachlorobiphenyl	122		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-11
Client ID: F15R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/08/25 09:21
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/21/25 08:50
Analyst: PEG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/19/25 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 02/20/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	1.86		ug/kg	1.13	0.564	1	A
4,4'-DDE	0.496	J	ug/kg	1.81	0.418	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-16
Client ID: D14R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/08/25 09:52
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/15/25 16:07
Analyst: PEG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:09
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.367	1	A
Lindane	ND		ug/kg	0.782	0.349	1	A
Alpha-BHC	ND		ug/kg	0.782	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.711	1	A
Heptachlor	ND		ug/kg	0.938	0.420	1	A
Aldrin	ND		ug/kg	1.88	0.660	1	A
Heptachlor epoxide	ND		ug/kg	3.52	1.06	1	A
Endrin	ND		ug/kg	0.782	0.320	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.821	1	A
Endrin ketone	ND		ug/kg	1.88	0.483	1	A
Dieldrin	ND		ug/kg	1.17	0.586	1	A
4,4'-DDE	1.10	JIP	ug/kg	1.88	0.434	1	A
4,4'-DDD	ND		ug/kg	1.88	0.669	1	A
4,4'-DDT	ND		ug/kg	1.88	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.443	1	A
Endosulfan II	ND		ug/kg	1.88	0.627	1	A
Endosulfan sulfate	ND		ug/kg	0.782	0.372	1	A
Methoxychlor	ND		ug/kg	3.52	1.09	1	A
Toxaphene	ND		ug/kg	35.2	9.85	1	A
cis-Chlordane	ND		ug/kg	2.34	0.654	1	A
trans-Chlordane	ND		ug/kg	2.34	0.619	1	A
Chlordane	ND		ug/kg	15.6	6.22	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-16 Date Collected: 02/08/25 09:52

Client ID: D14R-0.5-1 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-22
Client ID: D11R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/08/25 10:35
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/15/25 16:19
Analyst: PEG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:10
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.771	0.344	1	A
Alpha-BHC	ND		ug/kg	0.771	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.925	0.415	1	A
Aldrin	ND		ug/kg	1.85	0.651	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.771	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.809	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	ND		ug/kg	1.16	0.578	1	A
4,4'-DDE	174		ug/kg	1.85	0.428	1	B
4,4'-DDD	ND		ug/kg	1.85	0.660	1	A
4,4'-DDT	44.5		ug/kg	1.85	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.771	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.71	1	A
cis-Chlordane	ND		ug/kg	2.31	0.644	1	A
trans-Chlordane	ND		ug/kg	2.31	0.610	1	A
Chlordane	ND		ug/kg	15.4	6.13	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-22 Date Collected: 02/08/25 10:35

Client ID: D11R-0.5-1 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-25
Client ID: C10R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 11:43
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/15/25 16:31
Analyst: PEG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:10
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.89	0.370	1	A
Lindane	ND		ug/kg	0.788	0.352	1	A
Alpha-BHC	ND		ug/kg	0.788	0.224	1	A
Beta-BHC	ND		ug/kg	1.89	0.717	1	A
Heptachlor	ND		ug/kg	0.945	0.424	1	A
Aldrin	ND		ug/kg	1.89	0.666	1	A
Heptachlor epoxide	ND		ug/kg	3.54	1.06	1	A
Endrin	ND		ug/kg	0.788	0.323	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.827	1	A
Endrin ketone	ND		ug/kg	1.89	0.487	1	A
Dieldrin	6.66		ug/kg	1.18	0.591	1	B
4,4'-DDE	11.6		ug/kg	1.89	0.437	1	B
4,4'-DDD	ND		ug/kg	1.89	0.674	1	A
4,4'-DDT	2.24		ug/kg	1.89	1.52	1	B
Endosulfan I	ND		ug/kg	1.89	0.447	1	A
Endosulfan II	ND		ug/kg	1.89	0.632	1	A
Endosulfan sulfate	ND		ug/kg	0.788	0.375	1	A
Methoxychlor	ND		ug/kg	3.54	1.10	1	A
Toxaphene	ND		ug/kg	35.4	9.93	1	A
cis-Chlordane	ND		ug/kg	2.36	0.658	1	A
trans-Chlordane	ND		ug/kg	2.36	0.624	1	A
Chlordane	ND		ug/kg	15.8	6.26	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-25 Date Collected: 02/08/25 11:43

Client ID: C10R-0.5-1 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-37
Client ID: F10R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 13:50
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/15/25 16:43
Analyst: PEG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:10
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.380	1	A
Lindane	ND		ug/kg	0.809	0.362	1	A
Alpha-BHC	ND		ug/kg	0.809	0.230	1	A
Beta-BHC	ND		ug/kg	1.94	0.736	1	A
Heptachlor	ND		ug/kg	0.971	0.435	1	A
Aldrin	ND		ug/kg	1.94	0.684	1	A
Heptachlor epoxide	7.10	IP	ug/kg	3.64	1.09	1	A
Endrin	ND		ug/kg	0.809	0.332	1	A
Endrin aldehyde	ND		ug/kg	2.43	0.850	1	A
Endrin ketone	ND		ug/kg	1.94	0.500	1	A
Dieldrin	9.55		ug/kg	1.21	0.607	1	B
4,4'-DDE	20.9		ug/kg	1.94	0.449	1	B
4,4'-DDD	ND		ug/kg	1.94	0.693	1	A
4,4'-DDT	9.08		ug/kg	1.94	1.56	1	A
Endosulfan I	ND		ug/kg	1.94	0.459	1	A
Endosulfan II	ND		ug/kg	1.94	0.649	1	A
Endosulfan sulfate	ND		ug/kg	0.809	0.385	1	A
Methoxychlor	ND		ug/kg	3.64	1.13	1	A
Toxaphene	ND		ug/kg	36.4	10.2	1	A
cis-Chlordane	6.18	IP	ug/kg	2.43	0.676	1	B
trans-Chlordane	7.76		ug/kg	2.43	0.641	1	B
Chlordane	ND		ug/kg	16.2	6.43	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-37 Date Collected: 02/08/25 13:50

Client ID: F10R-0.5-1 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-40
Client ID: F11R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/08/25 14:10
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/15/25 16:54
Analyst: PEG
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:10
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.08	0.407	1	A
Lindane	ND		ug/kg	0.865	0.387	1	A
Alpha-BHC	ND		ug/kg	0.865	0.246	1	A
Beta-BHC	ND		ug/kg	2.08	0.787	1	A
Heptachlor	ND		ug/kg	1.04	0.466	1	A
Aldrin	ND		ug/kg	2.08	0.731	1	A
Heptachlor epoxide	13.9	IP	ug/kg	3.89	1.17	1	A
Endrin	ND		ug/kg	0.865	0.355	1	A
Endrin aldehyde	ND		ug/kg	2.60	0.909	1	A
Endrin ketone	ND		ug/kg	2.08	0.535	1	A
Dieldrin	6.13		ug/kg	1.30	0.649	1	B
4,4'-DDE	13.1		ug/kg	2.08	0.480	1	B
4,4'-DDD	ND		ug/kg	2.08	0.741	1	A
4,4'-DDT	2.90		ug/kg	2.08	1.67	1	A
Endosulfan I	ND		ug/kg	2.08	0.491	1	A
Endosulfan II	ND		ug/kg	2.08	0.694	1	A
Endosulfan sulfate	ND		ug/kg	0.865	0.412	1	A
Methoxychlor	ND		ug/kg	3.89	1.21	1	A
Toxaphene	ND		ug/kg	38.9	10.9	1	A
cis-Chlordane	6.51	IP	ug/kg	2.60	0.723	1	B
trans-Chlordane	6.15		ug/kg	2.60	0.685	1	B
Chlordane	ND		ug/kg	17.3	6.88	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-40 Date Collected: 02/08/25 14:10

Client ID: F11R-0.5-1 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-43
Client ID: E03R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/08/25 15:36
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/15/25 17:06
Analyst: PEG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:10
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.380	1	A
Lindane	ND		ug/kg	0.808	0.361	1	A
Alpha-BHC	ND		ug/kg	0.808	0.229	1	A
Beta-BHC	ND		ug/kg	1.94	0.735	1	A
Heptachlor	ND		ug/kg	0.970	0.435	1	A
Aldrin	ND		ug/kg	1.94	0.683	1	A
Heptachlor epoxide	17.3	IP	ug/kg	3.64	1.09	1	A
Endrin	ND		ug/kg	0.808	0.331	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.848	1	A
Endrin ketone	ND		ug/kg	1.94	0.499	1	A
Dieldrin	47.7		ug/kg	1.21	0.606	1	B
4,4'-DDE	78.4		ug/kg	1.94	0.448	1	B
4,4'-DDD	ND		ug/kg	1.94	0.692	1	A
4,4'-DDT	14.6		ug/kg	1.94	1.56	1	B
Endosulfan I	ND		ug/kg	1.94	0.458	1	A
Endosulfan II	ND		ug/kg	1.94	0.648	1	A
Endosulfan sulfate	ND		ug/kg	0.808	0.385	1	A
Methoxychlor	ND		ug/kg	3.64	1.13	1	A
Toxaphene	ND		ug/kg	36.4	10.2	1	A
cis-Chlordane	23.8	IP	ug/kg	2.42	0.676	1	B
trans-Chlordane	24.5		ug/kg	2.42	0.640	1	B
Chlordane	ND		ug/kg	16.2	6.42	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-43 Date Collected: 02/08/25 15:36

Client ID: E03R-0.5-1 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-44
Client ID: E03R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 15:37
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/21/25 09:02
Analyst: PEG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/19/25 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 02/20/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	14.5		ug/kg	1.14	0.572	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-46
Client ID: C03R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 15:47
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/15/25 17:18
Analyst: PEG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:10
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.750	0.335	1	A
Alpha-BHC	ND		ug/kg	0.750	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.682	1	A
Heptachlor	ND		ug/kg	0.900	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.634	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.750	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.788	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	ND		ug/kg	1.12	0.562	1	A
4,4'-DDE	ND		ug/kg	1.80	0.416	1	A
4,4'-DDD	ND		ug/kg	1.80	0.642	1	A
4,4'-DDT	ND		ug/kg	1.80	1.45	1	B
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.750	0.357	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.45	1	A
cis-Chlordane	ND		ug/kg	2.25	0.627	1	A
trans-Chlordane	ND		ug/kg	2.25	0.594	1	A
Chlordane	ND		ug/kg	15.0	5.96	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-46 Date Collected: 02/08/25 15:47

Client ID: C03R-0.5-1 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-49
Client ID: FB-250208
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/08/25 13:45
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 02/17/25 17:53
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 02/14/25 07:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-49 Date Collected: 02/08/25 13:45

Client ID: FB-250208 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	89		30-150	A

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-50
Client ID: G03R-6-7.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 15:02
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/15/25 17:30
Analyst: PEG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:10
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.06	0.404	1	A
Lindane	ND		ug/kg	0.859	0.384	1	A
Alpha-BHC	ND		ug/kg	0.859	0.244	1	A
Beta-BHC	ND		ug/kg	2.06	0.782	1	A
Heptachlor	ND		ug/kg	1.03	0.462	1	A
Aldrin	ND		ug/kg	2.06	0.726	1	A
Heptachlor epoxide	ND		ug/kg	3.87	1.16	1	A
Endrin	ND		ug/kg	0.859	0.352	1	A
Endrin aldehyde	ND		ug/kg	2.58	0.902	1	A
Endrin ketone	ND		ug/kg	2.06	0.531	1	A
Dieldrin	ND		ug/kg	1.29	0.644	1	A
4,4'-DDE	ND		ug/kg	2.06	0.477	1	A
4,4'-DDD	ND		ug/kg	2.06	0.736	1	A
4,4'-DDT	ND		ug/kg	2.06	1.66	1	A
Endosulfan I	ND		ug/kg	2.06	0.487	1	A
Endosulfan II	ND		ug/kg	2.06	0.689	1	A
Endosulfan sulfate	ND		ug/kg	0.859	0.409	1	A
Methoxychlor	ND		ug/kg	3.87	1.20	1	A
Toxaphene	ND		ug/kg	38.7	10.8	1	A
cis-Chlordane	ND		ug/kg	2.58	0.718	1	A
trans-Chlordane	ND		ug/kg	2.58	0.681	1	A
Chlordane	ND		ug/kg	17.2	6.83	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-50 Date Collected: 02/08/25 15:02

Client ID: G03R-6-7.5 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-54
Client ID: E06R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/10/25 11:15
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/15/25 18:05
Analyst: PEG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:10
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.751	0.336	1	A
Alpha-BHC	ND		ug/kg	0.751	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.684	1	A
Heptachlor	ND		ug/kg	0.902	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.635	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.751	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.789	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	143		ug/kg	1.13	0.563	1	B
4,4'-DDE	257		ug/kg	1.80	0.417	1	B
4,4'-DDD	ND		ug/kg	1.80	0.643	1	A
4,4'-DDT	54.0		ug/kg	1.80	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.751	0.358	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.46	1	A
cis-Chlordane	52.0	IP	ug/kg	2.25	0.628	1	B
trans-Chlordane	33.9	IP	ug/kg	2.25	0.595	1	A
Chlordane	ND		ug/kg	15.0	5.97	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-54 Date Collected: 02/10/25 11:15

Client ID: E06R-0.5-1 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-55
Client ID: E06R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/10/25 11:18
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/21/25 09:15
Analyst: PEG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/19/25 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 02/20/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	18.7		ug/kg	1.18	0.592	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-60
Client ID: F08R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/10/25 11:40
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/15/25 18:17
Analyst: PEG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:10
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.377	1	A
Lindane	ND		ug/kg	0.803	0.359	1	A
Alpha-BHC	ND		ug/kg	0.803	0.228	1	A
Beta-BHC	ND		ug/kg	1.93	0.730	1	A
Heptachlor	ND		ug/kg	0.963	0.432	1	A
Aldrin	ND		ug/kg	1.93	0.678	1	A
Heptachlor epoxide	19.7		ug/kg	3.61	1.08	1	B
Endrin	ND		ug/kg	0.803	0.329	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.843	1	A
Endrin ketone	ND		ug/kg	1.93	0.496	1	A
Dieldrin	29.7		ug/kg	1.20	0.602	1	B
4,4'-DDE	231		ug/kg	1.93	0.445	1	B
4,4'-DDD	ND		ug/kg	1.93	0.687	1	A
4,4'-DDT	48.0		ug/kg	1.93	1.55	1	A
Endosulfan I	ND		ug/kg	1.93	0.455	1	A
Endosulfan II	ND		ug/kg	1.93	0.644	1	A
Endosulfan sulfate	ND		ug/kg	0.803	0.382	1	A
Methoxychlor	ND		ug/kg	3.61	1.12	1	A
Toxaphene	ND		ug/kg	36.1	10.1	1	A
cis-Chlordane	2.70	IP	ug/kg	2.41	0.671	1	B
trans-Chlordane	4.65		ug/kg	2.41	0.636	1	B
Chlordane	ND		ug/kg	16.0	6.38	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-60 Date Collected: 02/10/25 11:40

Client ID: F08R-0.5-1 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-71
Client ID: FB-250210
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/10/25 13:30
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 02/17/25 18:05
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 02/14/25 07:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-71 Date Collected: 02/10/25 13:30

Client ID: FB-250210 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	64		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	83		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-72
Client ID: F03R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 15:50
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/15/25 18:28
Analyst: PEG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 17:10
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.338	1	A
Lindane	ND		ug/kg	0.720	0.322	1	A
Alpha-BHC	ND		ug/kg	0.720	0.204	1	A
Beta-BHC	ND		ug/kg	1.73	0.655	1	A
Heptachlor	ND		ug/kg	0.864	0.387	1	A
Aldrin	ND		ug/kg	1.73	0.608	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.972	1	A
Endrin	ND		ug/kg	0.720	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.756	1	A
Endrin ketone	ND		ug/kg	1.73	0.445	1	A
Dieldrin	ND		ug/kg	1.08	0.540	1	A
4,4'-DDE	ND		ug/kg	1.73	0.399	1	A
4,4'-DDD	ND		ug/kg	1.73	0.616	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.577	1	A
Endosulfan sulfate	ND		ug/kg	0.720	0.343	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.07	1	A
cis-Chlordane	ND		ug/kg	2.16	0.602	1	A
trans-Chlordane	ND		ug/kg	2.16	0.570	1	A
Chlordane	ND		ug/kg	14.4	5.72	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-72 Date Collected: 02/07/25 15:50

Client ID: F03R-6-8 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-74
Client ID: I01R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 16:20
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 14:31
Analyst: JAG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 19:54
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.336	1	A
Lindane	ND		ug/kg	0.714	0.319	1	A
Alpha-BHC	ND		ug/kg	0.714	0.203	1	A
Beta-BHC	ND		ug/kg	1.71	0.650	1	A
Heptachlor	ND		ug/kg	0.857	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.604	1	A
Heptachlor epoxide	1.10	J	ug/kg	3.21	0.964	1	B
Endrin	ND		ug/kg	0.714	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.750	1	A
Endrin ketone	ND		ug/kg	1.71	0.441	1	A
Dieldrin	ND		ug/kg	1.07	0.536	1	A
4,4'-DDE	2.48		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.611	1	A
4,4'-DDT	1.83		ug/kg	1.71	1.38	1	B
Endosulfan I	ND		ug/kg	1.71	0.405	1	A
Endosulfan II	ND		ug/kg	1.71	0.573	1	A
Endosulfan sulfate	ND		ug/kg	0.714	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	1.00	1	A
Toxaphene	ND		ug/kg	32.1	9.00	1	A
cis-Chlordane	ND	IP	ug/kg	2.14	0.597	1	B
trans-Chlordane	1.51	J	ug/kg	2.14	0.566	1	A
Chlordane	ND		ug/kg	14.3	5.68	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-74 Date Collected: 02/07/25 16:20

Client ID: I01R-4-6 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-75
Client ID: DUP-14
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 02/07/25 16:21
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/14/25 14:42
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/13/25 19:54
Cleanup Method: EPA 3620B
Cleanup Date: 02/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.704	0.315	1	A
Alpha-BHC	ND		ug/kg	0.704	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.641	1	A
Heptachlor	ND		ug/kg	0.845	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.595	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.951	1	A
Endrin	ND		ug/kg	0.704	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.740	1	A
Endrin ketone	ND		ug/kg	1.69	0.435	1	A
Dieldrin	ND		ug/kg	1.06	0.528	1	A
4,4'-DDE	0.640	J	ug/kg	1.69	0.391	1	A
4,4'-DDD	ND		ug/kg	1.69	0.603	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	B
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.565	1	A
Endosulfan sulfate	ND		ug/kg	0.704	0.335	1	A
Methoxychlor	ND		ug/kg	3.17	0.986	1	A
Toxaphene	ND		ug/kg	31.7	8.87	1	A
cis-Chlordane	ND		ug/kg	2.11	0.589	1	A
trans-Chlordane	ND		ug/kg	2.11	0.558	1	A
Chlordane	ND		ug/kg	14.1	5.60	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-75 Date Collected: 02/07/25 16:21

Client ID: DUP-14 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/14/25 04:39
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 02/12/25 23:07
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 74-75 Batch: WG2029649-1						
Delta-BHC	ND		ug/kg	1.60	0.313	A
Lindane	ND		ug/kg	0.666	0.298	A
Alpha-BHC	ND		ug/kg	0.666	0.189	A
Beta-BHC	ND		ug/kg	1.60	0.606	A
Heptachlor	ND		ug/kg	0.799	0.358	A
Aldrin	ND		ug/kg	1.60	0.563	A
Heptachlor epoxide	ND		ug/kg	3.00	0.899	A
Endrin	ND		ug/kg	0.666	0.273	A
Endrin aldehyde	ND		ug/kg	2.00	0.700	A
Endrin ketone	ND		ug/kg	1.60	0.412	A
Dieldrin	ND		ug/kg	0.999	0.500	A
4,4'-DDE	ND		ug/kg	1.60	0.370	A
4,4'-DDD	ND		ug/kg	1.60	0.570	A
4,4'-DDT	ND		ug/kg	1.60	1.28	A
Endosulfan I	ND		ug/kg	1.60	0.378	A
Endosulfan II	ND		ug/kg	1.60	0.534	A
Endosulfan sulfate	ND		ug/kg	0.666	0.317	A
Methoxychlor	ND		ug/kg	3.00	0.933	A
Toxaphene	ND		ug/kg	30.0	8.39	A
cis-Chlordane	ND		ug/kg	2.00	0.557	A
trans-Chlordane	ND		ug/kg	2.00	0.528	A
Chlordane	ND		ug/kg	13.3	5.30	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/14/25 04:39
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 02/12/25 23:07
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 74-75 Batch: WG2029649-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/13/25 23:41
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 02/13/25 08:29
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,04,07,10,16,22,25,37,40,43,46,50,54,60,72 Batch: WG2029804-1						
Delta-BHC	ND		ug/kg	1.54	0.302	A
Lindane	ND		ug/kg	0.643	0.287	A
Alpha-BHC	ND		ug/kg	0.643	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.585	A
Heptachlor	ND		ug/kg	0.771	0.346	A
Aldrin	ND		ug/kg	1.54	0.543	A
Heptachlor epoxide	ND		ug/kg	2.89	0.868	A
Endrin	ND		ug/kg	0.643	0.263	A
Endrin aldehyde	ND		ug/kg	1.93	0.675	A
Endrin ketone	ND		ug/kg	1.54	0.397	A
Dieldrin	ND		ug/kg	0.964	0.482	A
4,4'-DDE	ND		ug/kg	1.54	0.357	A
4,4'-DDD	ND		ug/kg	1.54	0.550	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.364	A
Endosulfan II	ND		ug/kg	1.54	0.515	A
Endosulfan sulfate	ND		ug/kg	0.643	0.306	A
Methoxychlor	ND		ug/kg	2.89	0.900	A
Toxaphene	ND		ug/kg	28.9	8.10	A
cis-Chlordane	ND		ug/kg	1.93	0.537	A
trans-Chlordane	ND		ug/kg	1.93	0.509	A
Chlordane	ND		ug/kg	12.8	5.11	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/13/25 23:41
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 02/13/25 08:29
Cleanup Method: EPA 3620B
Cleanup Date: 02/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,04,07,10,16,22,25,37,40,43,46,50,54,60,72 Batch: WG2029804-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/17/25 17:19
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 02/14/25 07:32

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 49,71 Batch: WG2030198-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/17/25 17:19
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 02/14/25 07:32

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 49,71 Batch: WG2030198-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	75		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	96		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/21/25 07:35
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 02/20/25 12:18
Cleanup Method: EPA 3620B
Cleanup Date: 02/20/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,05,08,11,44,55 Batch: WG2032023-1						
Heptachlor epoxide	ND		ug/kg	2.92	0.875	A
Dieldrin	ND		ug/kg	0.972	0.486	A
4,4'-DDE	ND		ug/kg	1.56	0.360	A
4,4'-DDT	ND		ug/kg	1.56	1.25	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/27/25 23:24
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 02/20/25 01:33
Cleanup Method: EPA 3620B
Cleanup Date: 02/20/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03,06,09 Batch: WG2034803-1						
Dieldrin	ND		ug/kg	0.993	0.496	A
4,4'-DDE	ND		ug/kg	1.59	0.367	A
4,4'-DDT	ND		ug/kg	1.59	1.28	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	68		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 74-75 Batch: WG2029649-2 WG2029649-3									
Delta-BHC	90		99		30-150	10		30	A
Lindane	89		97		30-150	9		30	A
Alpha-BHC	92		102		30-150	10		30	A
Beta-BHC	90		96		30-150	6		30	A
Heptachlor	88		96		30-150	9		30	A
Aldrin	88		96		30-150	9		30	A
Heptachlor epoxide	80		86		30-150	7		30	A
Endrin	93		100		30-150	7		30	A
Endrin aldehyde	68		73		30-150	7		30	A
Endrin ketone	86		94		30-150	9		30	A
Dieldrin	98		106		30-150	8		30	A
4,4'-DDE	87		96		30-150	10		30	A
4,4'-DDD	98		106		30-150	8		30	A
4,4'-DDT	91		99		30-150	8		30	A
Endosulfan I	87		95		30-150	9		30	A
Endosulfan II	93		100		30-150	7		30	A
Endosulfan sulfate	82		90		30-150	9		30	A
Methoxychlor	82		88		30-150	7		30	A
cis-Chlordane	84		91		30-150	8		30	A
trans-Chlordane	104		111		30-150	7		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 74-75 Batch: WG2029649-2 WG2029649-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		97		30-150	A
Decachlorobiphenyl	69		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		94		30-150	B
Decachlorobiphenyl	63		69		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07,10,16,22,25,37,40,43,46,50,54,60,72 Batch: WG2029804-2 WG2029804-3									
Delta-BHC	72		77		30-150	7		30	A
Lindane	70		76		30-150	8		30	A
Alpha-BHC	76		83		30-150	9		30	A
Beta-BHC	74		80		30-150	8		30	A
Heptachlor	73		79		30-150	8		30	A
Aldrin	72		79		30-150	9		30	A
Heptachlor epoxide	63		70		30-150	11		30	A
Endrin	75		83		30-150	10		30	A
Endrin aldehyde	66		71		30-150	7		30	A
Endrin ketone	74		81		30-150	9		30	A
Dieldrin	78		86		30-150	10		30	A
4,4'-DDE	72		80		30-150	11		30	A
4,4'-DDD	78		86		30-150	10		30	A
4,4'-DDT	75		82		30-150	9		30	A
Endosulfan I	70		77		30-150	10		30	A
Endosulfan II	74		81		30-150	9		30	A
Endosulfan sulfate	68		76		30-150	11		30	A
Methoxychlor	68		75		30-150	10		30	A
cis-Chlordane	68		75		30-150	10		30	A
trans-Chlordane	84		93		30-150	10		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07,10,16,22,25,37,40,43,46,50,54,60,72 Batch: WG2029804-2 WG2029804-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		70		30-150	A
Decachlorobiphenyl	67		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		70		30-150	B
Decachlorobiphenyl	60		69		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 49,71 Batch: WG2030198-2 WG2030198-3									
Delta-BHC	74		77		30-150	3		20	A
Lindane	98		101		30-150	3		20	A
Alpha-BHC	100		103		30-150	3		20	A
Beta-BHC	90		94		30-150	5		20	A
Heptachlor	82		85		30-150	3		20	A
Aldrin	86		86		30-150	0		20	A
Heptachlor epoxide	94		97		30-150	3		20	A
Endrin	99		102		30-150	3		20	A
Endrin aldehyde	82		85		30-150	4		20	A
Endrin ketone	99		104		30-150	5		20	A
Dieldrin	96		99		30-150	2		20	A
4,4'-DDE	92		93		30-150	2		20	A
4,4'-DDD	102		105		30-150	3		20	A
4,4'-DDT	101		102		30-150	1		20	A
Endosulfan I	93		95		30-150	2		20	A
Endosulfan II	94		97		30-150	3		20	A
Endosulfan sulfate	87		92		30-150	5		20	A
Methoxychlor	81		88		30-150	8		20	A
cis-Chlordane	90		91		30-150	1		20	A
trans-Chlordane	94		96		30-150	2		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 49,71 Batch: WG2030198-2 WG2030198-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		67		30-150	B
Decachlorobiphenyl	77		79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	70		70		30-150	A
Decachlorobiphenyl	97		103		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,05,08,11,44,55 Batch: WG2032023-2 WG2032023-3									
Heptachlor epoxide	82		78		30-150	5		30	A
Dieldrin	100		95		30-150	5		30	A
4,4'-DDE	95		89		30-150	7		30	A
4,4'-DDT	94		87		30-150	8		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		79		30-150	A
Decachlorobiphenyl	88		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		78		30-150	B
Decachlorobiphenyl	86		81		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03,06,09 Batch: WG2034803-2 WG2034803-3									
Dieldrin	86		92		30-150	7		30	A
4,4'-DDE	86		87		30-150	1		30	A
4,4'-DDT	68		70		30-150	3		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		75		30-150	A
Decachlorobiphenyl	73		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		68		30-150	B
Decachlorobiphenyl	68		70		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07,10,16,22,25,37,40,43,46,50,54,60,72 QC Batch ID: WG2029804-4 WG2029804-5 QC Sample: L2507419-50 Client ID: G03R-6-7.5													
Delta-BHC	ND	42.6	44.7	105		43.8	103		30-150	2		50	A
Lindane	ND	42.6	47.3	111		47.6	112		30-150	1		50	A
Alpha-BHC	ND	42.6	42.9	101		43.8	103		30-150	2		50	A
Beta-BHC	ND	42.6	44.4	104		43.7	103		30-150	2		50	A
Heptachlor	ND	42.6	49.4	116		49.0	116		30-150	1		50	A
Aldrin	ND	42.6	44.4	104		46.2	109		30-150	4		50	A
Heptachlor epoxide	ND	42.6	30.0	71		31.7	75		30-150	6		50	A
Endrin	ND	42.6	48.8	115		49.7	117		30-150	2		50	A
Endrin aldehyde	ND	42.6	35.9	84		35.4	84		30-150	1		50	A
Endrin ketone	ND	42.6	46.9	110		48.7	115		30-150	4		50	A
Dieldrin	ND	42.6	49.3	116		50.1	118		30-150	2		50	A
4,4'-DDE	ND	42.6	46.6	110		47.6	112		30-150	2		50	A
4,4'-DDD	ND	42.6	51.9	122		53.4	126		30-150	3		50	A
4,4'-DDT	ND	42.6	50.3	118		51.6	122		30-150	3		50	A
Endosulfan I	ND	42.6	43.8	103		45.0	106		30-150	3		50	A
Endosulfan II	ND	42.6	45.0	106		46.0	109		30-150	2		50	A
Endosulfan sulfate	ND	42.6	43.9	103		44.9	106		30-150	2		50	A
Methoxychlor	ND	42.6	45.8	108		46.5	110		30-150	2		50	A
cis-Chlordane	ND	42.6	40.1	94		41.2	97		30-150	3		50	A
trans-Chlordane	ND	42.6	44.3	104		44.0	104		30-150	1		50	A

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07,10,16,22,25,37,40,43,46,50,54,60,72 QC Batch ID: WG2029804-4 WG2029804-5 QC Sample: L2507419-50 Client ID: G03R-6-7.5

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		86		30-150	A
Decachlorobiphenyl	91		94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	113		111		30-150	B
Decachlorobiphenyl	122		122		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07,10,16,22,25,37,40,43,46,50,54,60,72 QC Batch ID: WG2029804-6 WG2029804-7 QC Sample: L2507419-72 Client ID: F03R-6-8													
Delta-BHC	ND	35.3	36.0	102		34.1	96		30-150	5		50	A
Lindane	ND	35.3	39.2	111		37.6	106		30-150	4		50	A
Alpha-BHC	ND	35.3	35.3	100		34.5	97		30-150	2		50	A
Beta-BHC	ND	35.3	35.8	101		34.4	97		30-150	4		50	A
Heptachlor	ND	35.3	39.3	111		37.7	106		30-150	4		50	A
Aldrin	ND	35.3	36.1	102		34.7	98		30-150	4		50	A
Heptachlor epoxide	ND	35.3	24.8	70		23.7	67		30-150	5		50	A
Endrin	ND	35.3	40.4	114		38.2	107		30-150	6		50	A
Endrin aldehyde	ND	35.3	28.7	81		27.3	77		30-150	5		50	A
Endrin ketone	ND	35.3	40.2	114		38.4	108		30-150	5		50	A
Dieldrin	ND	35.3	40.9	116		38.8	109		30-150	5		50	A
4,4'-DDE	ND	35.3	38.5	109		36.5	103		30-150	5		50	A
4,4'-DDD	ND	35.3	43.4	123		41.0	115		30-150	6		50	A
4,4'-DDT	ND	35.3	40.4	114		38.6	108		30-150	5		50	A
Endosulfan I	ND	35.3	36.2	103		34.5	97		30-150	5		50	A
Endosulfan II	ND	35.3	37.6	107		35.9	101		30-150	5		50	A
Endosulfan sulfate	ND	35.3	37.3	106		35.8	101		30-150	4		50	A
Methoxychlor	ND	35.3	37.2	105		34.7	98		30-150	7		50	A
cis-Chlordane	ND	35.3	32.5	92		31.4	88		30-150	3		50	A
trans-Chlordane	ND	35.3	36.3	103		33.8	95		30-150	7		50	A

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07,10,16,22,25,37,40,43,46,50,54,60,72 QC Batch ID: WG2029804-6 WG2029804-7 QC Sample: L2507419-72 Client ID: F03R-6-8												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		79		30-150	A
Decachlorobiphenyl	89		84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		107		30-150	B
Decachlorobiphenyl	117		109		30-150	B

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-04 Date Collected: 02/08/25 08:35

Client ID: H13R-0.5-1 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	44.8		mg/kg	0.955	0.412	2	02/17/25 11:27	02/17/25 18:09	EPA 3050B	1,6010D	DMC
Chromium, Total	23.4		mg/kg	0.955	0.810	2	02/17/25 11:27	02/17/25 18:09	EPA 3050B	1,6010D	DMC
Lead, Total	120		mg/kg	4.77	0.227	2	02/17/25 11:27	02/17/25 18:09	EPA 3050B	1,6010D	DMC
Mercury, Total	0.275		mg/kg	0.093	0.061	1	02/17/25 13:15	02/18/25 07:33	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-05
Client ID: H13R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 08:36
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	12.0		mg/kg	0.938	0.405	2	02/21/25 15:06	02/24/25 19:05	EPA 3050B	1,6010D	JTS
Lead, Total	32.7		mg/kg	4.69	0.223	2	02/21/25 15:06	02/24/25 19:05	EPA 3050B	1,6010D	JTS
Mercury, Total	0.078		mg/kg	0.077	0.051	1	02/21/25 12:36	02/25/25 07:05	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-13
Client ID: G15R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 09:30
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.492		mg/kg	0.078	0.051	1	02/17/25 13:15	02/18/25 07:36	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-14
Client ID: G15R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 09:31
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.150		mg/kg	0.074	0.048	1	02/21/25 12:36	02/25/25 07:15	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-19
Client ID: D13R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 10:05
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.62		mg/kg	0.921	0.398	2	02/17/25 11:27	02/17/25 18:12	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-22
Client ID: D11R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 10:35
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.38		mg/kg	0.892	0.385	2	02/14/25 13:09	02/17/25 16:03	EPA 3050B	1,6010D	DMC
Chromium, Total	25.2		mg/kg	0.892	0.756	2	02/14/25 13:09	02/17/25 16:03	EPA 3050B	1,6010D	DMC
Mercury, Total	0.130		mg/kg	0.079	0.051	1	02/14/25 13:44	02/17/25 07:55	EPA 7471B	1,7471B	CME

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-25
Client ID: C10R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 11:43
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	39.2		mg/kg	0.915	0.395	2	02/17/25 11:27	02/17/25 18:16	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-26
Client ID: C10R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 11:44
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.719	J	mg/kg	0.874	0.378	2	02/21/25 15:06	02/24/25 19:22	EPA 3050B	1,6010D	JTS

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-28
Client ID: A11R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 11:54
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	25.2		mg/kg	0.985	0.425	2	02/17/25 11:27	02/17/25 18:19	EPA 3050B	1,6010D	DMC
Mercury, Total	0.145		mg/kg	0.079	0.052	1	02/17/25 13:15	02/18/25 07:40	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-29
Client ID: A11R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 11:55
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.25		mg/kg	0.934	0.403	2	02/21/25 15:06	02/24/25 19:26	EPA 3050B	1,6010D	JTS

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-31
Client ID: B13R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 12:00
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	6.45		mg/kg	0.817	0.532	10	02/17/25 13:15	02/18/25 09:14	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-32
Client ID: B13R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 12:01
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.104		mg/kg	0.088	0.057	1	02/21/25 12:36	02/25/25 07:18	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-34
Client ID: E12R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 12:40
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	22.0		mg/kg	0.908	0.392	2	02/17/25 11:27	02/17/25 18:23	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-35
Client ID: E12R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 12:41
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.42		mg/kg	0.930	0.402	2	02/21/25 15:06	02/24/25 19:29	EPA 3050B	1,6010D	JTS

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-37
Client ID: F10R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 13:50
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.86		mg/kg	0.946	0.409	2	02/17/25 11:27	02/17/25 18:26	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-40 Date Collected: 02/08/25 14:10

Client ID: F11R-0.5-1 Date Received: 02/11/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	34.0		mg/kg	1.06	0.459	2	02/17/25 11:27	02/17/25 18:30	EPA 3050B	1,6010D	DMC
Chromium, Total	25.8		mg/kg	1.06	0.900	2	02/17/25 11:27	02/17/25 18:30	EPA 3050B	1,6010D	DMC
Mercury, Total	0.199		mg/kg	0.092	0.060	1	02/17/25 13:15	02/18/25 07:49	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-41
Client ID: F11R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 14:11
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	12.1		mg/kg	0.918	0.397	2	02/21/25 15:06	02/24/25 19:41	EPA 3050B	1,6010D	JTS

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-43
Client ID: E03R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 15:36
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.333		mg/kg	0.093	0.061	1	02/17/25 13:15	02/18/25 07:53	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-49
Client ID: FB-250208
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 13:45
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	02/13/25 07:56	02/18/25 08:20	EPA 3005A	1,6010D	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	02/13/25 07:56	02/18/25 08:20	EPA 3005A	1,6010D	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/13/25 13:47	02/13/25 16:51	EPA 7470A	1,7470A	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-51
Client ID: E08R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/10/25 11:05
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	10.4		mg/kg	1.08	0.467	2	02/17/25 11:27	02/17/25 18:33	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-54
Client ID: E06R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/10/25 11:15
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	46.3		mg/kg	0.889	0.384	2	02/17/25 11:27	02/17/25 18:37	EPA 3050B	1,6010D	DMC
Mercury, Total	0.414		mg/kg	0.085	0.055	1	02/17/25 13:15	02/18/25 07:56	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-55
Client ID: E06R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/10/25 11:18
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	40.1		mg/kg	0.950	0.410	2	03/03/25 21:02	03/04/25 12:30	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-56
Client ID: E06R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/10/25 11:20
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	21.8		mg/kg	1.04	0.451	2	03/11/25 11:24	03/12/25 10:11	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-57
Client ID: F07R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/10/25 11:30
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	11.8		mg/kg	1.01	0.437	2	02/17/25 11:27	02/17/25 18:58	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-60
Client ID: F08R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/10/25 11:40
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	11.5		mg/kg	0.936	0.404	2	02/17/25 11:27	02/17/25 19:02	EPA 3050B	1,6010D	DMC
Chromium, Total	27.4		mg/kg	0.936	0.794	2	02/17/25 11:27	02/17/25 19:02	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-63
Client ID: G06R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/10/25 12:25
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	2.18		mg/kg	0.092	0.060	1	02/17/25 13:15	02/18/25 08:02	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-64
Client ID: G06R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/10/25 12:28
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	2.72		mg/kg	0.088	0.058	1	02/21/25 12:36	02/25/25 07:22	EPA 7471B	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-65
Client ID: G06R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/10/25 12:30
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.854		mg/kg	0.105	0.069	1	02/28/25 15:40	03/02/25 11:16	EPA 7471B	1,7471B	CME

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-66
Client ID: H05R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/10/25 12:48
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.36		mg/kg	0.897	0.387	2	02/17/25 15:37	02/17/25 19:09	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-68
Client ID: H03R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/10/25 13:05
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	11.7		mg/kg	0.937	0.405	2	02/17/25 15:37	02/17/25 19:55	EPA 3050B	1,6010D	DMC

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-71
Client ID: FB-250210
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Date Collected: 02/10/25 13:30
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Barium, Total	ND		mg/l	0.0100	0.0021	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Calcium, Total	0.106		mg/l	0.100	0.0350	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Iron, Total	ND		mg/l	0.0500	0.0090	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Magnesium, Total	ND		mg/l	0.100	0.0153	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Manganese, Total	ND		mg/l	0.0100	0.0016	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/13/25 13:47	02/13/25 17:13	EPA 7470A	1,7470A	TAA
Nickel, Total	ND		mg/l	0.0250	0.0024	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Potassium, Total	ND		mg/l	2.50	0.237	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Sodium, Total	0.280	J	mg/l	2.00	0.120	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL
Zinc, Total	0.0162	J	mg/l	0.0500	0.0021	1	02/13/25 07:56	02/18/25 08:27	EPA 3005A	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Lab Number: L2507419
Project Number: CV04.001
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-77
Client ID: H12R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 02/08/25 08:00
Date Received: 02/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.084		mg/kg	0.082	0.053	1	02/17/25 13:15	02/18/25 08:06	EPA 7471B	1,7471B	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 49,71 Batch: WG2029766-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Barium, Total	ND		mg/l	0.0100	0.0021	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Calcium, Total	ND		mg/l	0.100	0.0350	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Magnesium, Total	ND		mg/l	0.100	0.0153	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Nickel, Total	ND		mg/l	0.0250	0.0024	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Potassium, Total	ND		mg/l	2.50	0.237	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Sodium, Total	ND		mg/l	2.00	0.120	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC
Zinc, Total	ND		mg/l	0.0500	0.0021	1	02/13/25 07:56	02/13/25 13:10	1,6010D	DMC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 49,71 Batch: WG2029957-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/13/25 13:47	02/13/25 16:44	1,7470A	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 22 Batch: WG2030374-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/14/25 13:09	02/17/25 14:38	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/14/25 13:09	02/17/25 14:38	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 22 Batch: WG2030378-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/14/25 13:44	02/17/25 07:00	1,7471B	CME

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 04,19,25,28,34,37,40,51,54,57,60 Batch: WG2030933-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/17/25 11:27	02/17/25 17:07	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/17/25 11:27	02/17/25 17:07	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.095	1	02/17/25 11:27	02/17/25 17:07	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 04,13,28,31,40,43,54,63,77 Batch: WG2030950-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/17/25 13:15	02/18/25 07:03	1,7471B	TAA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 66,68 Batch: WG2030975-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/17/25 15:37	02/17/25 18:51	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05,26,29,35,41 Batch: WG2032568-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/21/25 15:06	02/24/25 18:58	1,6010D	JTS
Lead, Total	ND		mg/kg	2.00	0.095	1	02/21/25 15:06	02/24/25 18:58	1,6010D	JTS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05,14,32,64 Batch: WG2032599-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/21/25 12:36	02/25/25 06:58	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 65 Batch: WG2035251-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/28/25 15:40	03/02/25 11:00	1,7471B	CME

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 55 Batch: WG2036155-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	03/03/25 21:02	03/04/25 12:17	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 56 Batch: WG2039029-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	03/11/25 11:24	03/12/25 09:59	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 49,71 Batch: WG2029766-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	104		-		80-120	-		
Arsenic, Total	93		-		80-120	-		
Barium, Total	94		-		80-120	-		
Beryllium, Total	96		-		80-120	-		
Cadmium, Total	94		-		80-120	-		
Calcium, Total	96		-		80-120	-		
Chromium, Total	94		-		80-120	-		
Cobalt, Total	96		-		80-120	-		
Copper, Total	97		-		80-120	-		
Iron, Total	98		-		80-120	-		
Lead, Total	93		-		80-120	-		
Magnesium, Total	98		-		80-120	-		
Manganese, Total	96		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	112		-		80-120	-		
Selenium, Total	92		-		80-120	-		
Silver, Total	97		-		80-120	-		
Sodium, Total	109		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	96		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 49,71 Batch: WG2029766-2					
Zinc, Total	94	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 49,71 Batch: WG2029957-2					
Mercury, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 22 Batch: WG2030374-2					
Arsenic, Total	105	-	80-120	-	
Chromium, Total	106	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 22 Batch: WG2030378-2					
Mercury, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 04,19,25,28,34,37,40,51,54,57,60 Batch: WG2030933-2					
Arsenic, Total	108	-	80-120	-	
Chromium, Total	109	-	80-120	-	
Lead, Total	108	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 04,13,28,31,40,43,54,63,77 Batch: WG2030950-2					
Mercury, Total	104	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 66,68 Batch: WG2030975-2					
Arsenic, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 05,26,29,35,41 Batch: WG2032568-2					
Arsenic, Total	99	-	80-120	-	
Lead, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 05,14,32,64 Batch: WG2032599-2					
Mercury, Total	99	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 65 Batch: WG2035251-2					
Mercury, Total	99	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 55 Batch: WG2036155-2					
Arsenic, Total	95	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 56 Batch: WG2039029-2					
Arsenic, Total	87	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 49,71 QC Batch ID: WG2029766-3 QC Sample: L2507829-01 Client ID: MS Sample												
Aluminum, Total	ND	2	2.52J	**126**	Q	-	-		75-125	-		20
Antimony, Total	ND	0.5	0.480J	**0**	Q	-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.124	103		-	-		75-125	-		20
Barium, Total	0.0505J	2	1.87	94		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.0481J	**0**	Q	-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.0488J	**0**	Q	-	-		75-125	-		20
Calcium, Total	104.	10	111	**70**	Q	-	-		75-125	-		20
Chromium, Total	ND	0.2	0.183	92		-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.466	93		-	-		75-125	-		20
Copper, Total	ND	0.25	0.241	96		-	-		75-125	-		20
Iron, Total	ND	1	0.971	97		-	-		75-125	-		20
Lead, Total	ND	0.53	0.495	93		-	-		75-125	-		20
Magnesium, Total	109.	10	114	**50**	Q	-	-		75-125	-		20
Manganese, Total	ND	0.5	0.470	94		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.480	96		-	-		75-125	-		20
Potassium, Total	76.7	10	82.1	**54**	Q	-	-		75-125	-		20
Selenium, Total	ND	0.12	0.115	96		-	-		75-125	-		20
Silver, Total	ND	0.05	0.0475J	**0**	Q	-	-		75-125	-		20
Sodium, Total	1830	10	1810	**0**	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.125J	**0**	Q	-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.473	95		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 49,71 QC Batch ID: WG2029766-3 QC Sample: L2507829-01 Client ID: MS Sample										
Zinc, Total	ND	0.5	0.484J	**0**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 49,71 QC Batch ID: WG2029957-3 QC Sample: L2507419-49 Client ID: FB-250208										
Mercury, Total	ND	0.005	0.00469	94		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 22 QC Batch ID: WG2030374-3 QC Sample: L2507466-01 Client ID: MS Sample										
Arsenic, Total	2.30	10	11.9	96		-	-	75-125	-	20
Chromium, Total	2.84	16.7	20.4	105		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 22 QC Batch ID: WG2030378-3 QC Sample: L2507466-01 Client ID: MS Sample										
Mercury, Total	ND	1.63	1.62	100		-	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 04,19,25,28,34,37,40,51,54,57,60 QC Batch ID: WG2030933-3 QC Sample: L2505921-04 Client ID: MS Sample										
Arsenic, Total	1.95	10	11.9	99		-	-	75-125	-	20
Chromium, Total	14.9	16.7	31.6	100		-	-	75-125	-	20
Lead, Total	9.16	44.4	58.2	110		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 04,13,28,31,40,43,54,63,77 QC Batch ID: WG2030950-3 QC Sample: L2505921-06 Client ID: MS Sample										
Mercury, Total	0.240	1.72	1.97	101		-	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 66,68 QC Batch ID: WG2030975-3 QC Sample: L2507419-66 Client ID: H05R-1-1.5										
Arsenic, Total	6.36	10.9	17.5	102		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05,26,29,35,41 QC Batch ID: WG2032568-3 QC Sample: L2507419-05 Client ID: H13R-1-1.5										
Arsenic, Total	12.0	11.2	20.3	**74**	Q	-	-	75-125	-	20
Lead, Total	32.7	49.5	71.4	78		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 05,14,32,64 QC Batch ID: WG2032599-3 QC Sample: L2507419-05 Client ID: H13R-1-1.5										
Mercury, Total	0.078	1.6	1.60	95		-	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 65 QC Batch ID: WG2035251-3 QC Sample: L2507040-19 Client ID: MS Sample										
Mercury, Total	0.404	1.69	2.12	101		-	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 55 QC Batch ID: WG2036155-3 QC Sample: L2510171-01 Client ID: MS Sample										
Arsenic, Total	16.6	9.53	24.8	86		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 56 QC Batch ID: WG2039029-3 WG2039029-4 QC Sample: L2512612-02 Client ID: MS Sample										
Arsenic, Total	6.96	11.1	15.9	80		18.0	99	75-125	12	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 49,71 QC Batch ID: WG2029766-4 QC Sample: L2507829-01 Client ID: DUP Sample						
Antimony, Total	ND	ND	mg/l	NC		20
Arsenic, Total	ND	ND	mg/l	NC		20
Barium, Total	0.0505J	0.0508J	mg/l	NC		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	104.	105	mg/l	1		20
Chromium, Total	ND	ND	mg/l	NC		20
Cobalt, Total	ND	ND	mg/l	NC		20
Copper, Total	ND	ND	mg/l	NC		20
Iron, Total	ND	ND	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Magnesium, Total	109.	105	mg/l	4		20
Manganese, Total	ND	ND	mg/l	NC		20
Nickel, Total	ND	ND	mg/l	NC		20
Potassium, Total	76.7	74.6	mg/l	3		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Thallium, Total	ND	ND	mg/l	NC		20
Vanadium, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 49,71 QC Batch ID: WG2029766-4 QC Sample: L2507829-01 Client ID: DUP Sample						
Zinc, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 49,71 QC Batch ID: WG2029766-4 QC Sample: L2507829-01 Client ID: DUP Sample						
Aluminum, Total	ND	ND	mg/l	NC		20
Sodium, Total	1830	1740	mg/l	5		20
Total Metals - Mansfield Lab Associated sample(s): 49,71 QC Batch ID: WG2029957-4 QC Sample: L2507419-49 Client ID: FB-250208						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 22 QC Batch ID: WG2030374-4 QC Sample: L2507466-01 Client ID: DUP Sample						
Arsenic, Total	2.30	2.15	mg/kg	7		20
Chromium, Total	2.84	2.89	mg/kg	2		20
Total Metals - Mansfield Lab Associated sample(s): 22 QC Batch ID: WG2030378-4 QC Sample: L2507466-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 04,19,25,28,34,37,40,51,54,57,60 QC Batch ID: WG2030933-4 QC Sample: L2505921-04 Client ID: DUP Sample						
Lead, Total	9.16	7.79	mg/kg	16		20
Total Metals - Mansfield Lab Associated sample(s): 04,13,28,31,40,43,54,63,77 QC Batch ID: WG2030950-4 QC Sample: L2505921-06 Client ID: DUP Sample						
Mercury, Total	0.240	0.186	mg/kg	**25**	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 66,68 QC Batch ID: WG2030975-4 QC Sample: L2507419-66 Client ID: H05R-1-1.5						
Arsenic, Total	6.36	6.89	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 05,26,29,35,41 QC Batch ID: WG2032568-4 QC Sample: L2507419-05 Client ID: H13R-1-1.5						
Arsenic, Total	12.0	10.8	mg/kg	11		20
Lead, Total	32.7	26.7	mg/kg	20		20
Total Metals - Mansfield Lab Associated sample(s): 05,14,32,64 QC Batch ID: WG2032599-4 QC Sample: L2507419-05 Client ID: H13R-1-1.5						
Mercury, Total	0.078	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 65 QC Batch ID: WG2035251-4 QC Sample: L2507040-19 Client ID: DUP Sample						
Mercury, Total	0.404	0.302	mg/kg	**29**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 55 QC Batch ID: WG2036155-4 QC Sample: L2510171-01 Client ID: DUP Sample						
Arsenic, Total	16.6	13.2	mg/kg	**23**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-01
Client ID: I14R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 08:20
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-02
Client ID: I14R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/25 08:21
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.9		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-03
Client ID: I14R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 08:22
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.6		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-04
Client ID: H13R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 08:35
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.977	0.195	1	02/19/25 09:47	02/19/25 15:12	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-05
Client ID: H13R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 08:36
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-06
Client ID: H13R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 08:37
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.9		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-07
Client ID: H14R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 08:50
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-08
Client ID: H14R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/25 08:51
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-09
Client ID: H14R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 08:52
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.1		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-10
Client ID: F15R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 09:20
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.2		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-11
Client ID: F15R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/25 09:21
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-12
Client ID: F15R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 09:22
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-13
Client ID: G15R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 09:30
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-14
Client ID: G15R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/25 09:31
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-16
Client ID: D14R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 09:52
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.1		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-19
Client ID: D13R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/25 10:05
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-22
Client ID: D11R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 10:35
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.937	0.187	1	02/17/25 11:14	02/18/25 08:32	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-25
Client ID: C10R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/25 11:43
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-26
Client ID: C10R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/25 11:44
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-28
Client ID: A11R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/25 11:54
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.6		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-29
Client ID: A11R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/25 11:55
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-31
Client ID: B13R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 12:00
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-32
Client ID: B13R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 12:01
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-34
Client ID: E12R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/25 12:40
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-35
Client ID: E12R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 12:41
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-37
Client ID: F10R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/25 13:50
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.4		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-40
Client ID: F11R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/25 14:10
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.7		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.08	0.217	1	02/17/25 11:14	02/18/25 08:32	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-41
Client ID: F11R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 14:11
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-43
Client ID: E03R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 15:36
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-44
Client ID: E03R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/25 15:37
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.3		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-45
Client ID: E03R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 15:38
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-46
Client ID: C03R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 15:47
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	02/13/25 09:58	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-50
Client ID: G03R-6-7.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 15:02
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.8		%	0.100	NA	1	-	02/13/25 10:11	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-51
Client ID: E08R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/10/25 11:05
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.1		%	0.100	NA	1	-	02/13/25 10:11	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-54
Client ID: E06R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/10/25 11:15
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	02/13/25 10:11	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-55
Client ID: E06R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/10/25 11:18
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-56
Client ID: E06R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/10/25 11:20
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.3		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-57
Client ID: F07R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/10/25 11:30
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.4		%	0.100	NA	1	-	02/13/25 10:11	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-60
Client ID: F08R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/10/25 11:40
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	02/13/25 10:11	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.971	0.194	1	02/17/25 12:40	02/18/25 11:43	1,7196A	RDS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-63
Client ID: G06R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/10/25 12:25
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	02/13/25 10:11	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-64
Client ID: G06R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/10/25 12:28
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	02/19/25 18:28	121,2540G	SJB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-65
Client ID: G06R-1.5-2
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/10/25 12:30
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.6		%	0.100	NA	1	-	02/27/25 11:10	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-66
Client ID: H05R-1-1.5
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/10/25 12:48
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	02/13/25 10:11	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-68
Client ID: H03R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/10/25 13:05
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	02/13/25 10:11	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-72
Client ID: F03R-6-8
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 15:50
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	02/13/25 10:11	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-74
Client ID: I01R-4-6
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 16:20
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	02/13/25 10:11	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-75
Client ID: DUP-14
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/25 16:21
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	02/13/25 10:11	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

SAMPLE RESULTS

Lab ID: L2507419-77
Client ID: H12R-0.5-1
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/25 08:00
Date Received: 02/11/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	02/13/25 10:11	121,2540G	ROI

Project Name: ELMWOOD PRESERVE **Lab Number:** L2507419

Project Number: CV04.001 **Report Date:** 03/12/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 22,40 Batch: WG2030910-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/17/25 11:14	02/18/25 08:32	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 60 Batch: WG2030982-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/17/25 12:40	02/18/25 11:43	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 04 Batch: WG2031709-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/19/25 09:47	02/19/25 15:12	1,7196A	LOF

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 22,40 Batch: WG2030910-2								
Chromium, Hexavalent	94		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 60 Batch: WG2030982-2								
Chromium, Hexavalent	102		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 04 Batch: WG2031709-2								
Chromium, Hexavalent	89		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 22,40 QC Batch ID: WG2030910-4 QC Sample: L2505783-02 Client ID: MS Sample												
Chromium, Hexavalent	0.303J	1330	1220	92		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 60 QC Batch ID: WG2030982-4 QC Sample: L2507419-60 Client ID: F08R-0.5-1												
Chromium, Hexavalent	ND	1270	1090	86		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG2031709-4 QC Sample: L2507419-04 Client ID: H13R-0.5-1												
Chromium, Hexavalent	ND	1640	1300	79		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,04,07,10,13,16,19,22,25,28,31,34,37,40,43,46 QC Batch ID: WG2029812-1 QC Sample: L2507419-01 Client ID: I14R-0.5-1						
Solids, Total	81.3	81.7	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 50-51,54,57,60,63,66,68,72,74-75,77 QC Batch ID: WG2029815-1 QC Sample: L2507419-50 Client ID: G03R-6-7.5						
Solids, Total	76.8	76.2	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 22,40 QC Batch ID: WG2030910-6 QC Sample: L2505783-02 Client ID: DUP Sample						
Chromium, Hexavalent	0.303J	0.363J	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 60 QC Batch ID: WG2030982-6 QC Sample: L2507419-60 Client ID: F08R-0.5-1						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG2031709-6 QC Sample: L2507419-04 Client ID: H13R-0.5-1						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 02-03,05-06,08-09,11-12,14,26,29,32,35,41,44-45,55-56,64 QC Batch ID: WG2031983-1 QC Sample: L2507419-02 Client ID: I14R-1-1.5						
Solids, Total	80.9	80.2	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 65 QC Batch ID: WG2034774-1 QC Sample: L2507419-65 Client ID: G06R-1.5-2						
Solids, Total	69.6	71.4	%	3		20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2507419-01A	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-02A	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-03A	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14),TS(7),NYTCL-8081(14)
L2507419-04A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		AS-TI(180),CR-TI(180),PB-TI(180),HG-T(28)
L2507419-04B	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-04C	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HEXCR-7196(30)
L2507419-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180),PB-TI(180),HG-T(28)
L2507419-05B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-05C	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-06A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8081(14),HOLD-METAL(180)
L2507419-06B	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14),TS(7)
L2507419-06C	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		-
L2507419-07A	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-08A	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-09A	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14),TS(7),NYTCL-8081(14)
L2507419-10A	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-11A	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-12A	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14),TS(7),HOLD-8081(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2507419-13A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2507419-13B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HG-T(28)
L2507419-14A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2507419-14B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HG-T(28)
L2507419-15A	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-15B	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-16A	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-17A	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507419-18A	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507419-19A	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		TS(7)
L2507419-19B	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		AS-TI(180)
L2507419-20A	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-20B	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-21A	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-21B	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-22A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		AS-TI(180),CR-TI(180),HG-T(28)
L2507419-22B	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-22C	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HEXCR-7196(30)
L2507419-23A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-23B	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507419-23C	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-24A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-24B	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507419-24C	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-25A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		AS-TI(180)
L2507419-25B	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-26A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		AS-TI(180)
L2507419-26B	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		TS(7),HOLD-8081(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2507419-27A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-27B	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507419-28A	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		TS(7)
L2507419-28B	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		AS-TI(180),HG-T(28)
L2507419-29A	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		TS(7)
L2507419-29B	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		AS-TI(180)
L2507419-30A	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-30B	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-31A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2507419-31B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HG-T(28)
L2507419-32A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2507419-32B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HG-T(28)
L2507419-33A	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-33B	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-34A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2507419-34B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180)
L2507419-35A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2507419-35B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180)
L2507419-36A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		HOLD-WETCHEM()
L2507419-36B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2507419-37A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		AS-TI(180)
L2507419-37B	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-38A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2507419-38B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507419-39A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2507419-39B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507419-40A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180),CR-TI(180),HG-T(28)
L2507419-40B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2507419-40C	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		HEXCR-7196(30)
L2507419-41A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180)
L2507419-41B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),HOLD-8081(14)
L2507419-41C	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		-
L2507419-42A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2507419-42B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507419-42C	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM()
L2507419-43A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HG-T(28)
L2507419-43B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-44A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2507419-44B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-45A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2507419-45B	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		S-EXT-NY/NJ/PA-8081(14),TS(7),HOLD-8081(14)
L2507419-46A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-47A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507419-48A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507419-49A	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8081-RVT(7)
L2507419-49B	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8081-RVT(7)
L2507419-49C	Plastic 250ml HNO3 preserved	A	<2	<2	2.7	Y	Absent		AS-TI(180),CR-TI(180),HG-T(28)
L2507419-49D	Plastic 250ml unpreserved	A	7	7	2.7	Y	Absent		ARCHIVE()
L2507419-50A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-50A1	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-50A2	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-51A	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2507419-51B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		AS-TI(180)
L2507419-52A	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-52B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-53A	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		HOLD-WETCHEM()

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2507419-53B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-54A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		AS-TI(180),HG-T(28)
L2507419-54B	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-55A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		AS-TI(180)
L2507419-55B	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-56A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		AS-TI(180)
L2507419-56B	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		S-EXT-NY/NJ/PA-8081(14),TS(7),HOLD-8081(14)
L2507419-57A	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2507419-57B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		AS-TI(180)
L2507419-58A	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-58B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-59A	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-59B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-60A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		AS-TI(180),CR-TI(180)
L2507419-60B	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-60C	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HEXCR-7196(30)
L2507419-61A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-61B	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507419-61C	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-62A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-62B	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507419-62C	Glass 120ml/4oz unpreserved	D	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-63A	Plastic 2oz unpreserved for TS	D	NA		3.5	Y	Absent		TS(7)
L2507419-63B	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.5	Y	Absent		HG-T(28)
L2507419-64A	Plastic 2oz unpreserved for TS	D	NA		3.5	Y	Absent		TS(7)
L2507419-64B	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.5	Y	Absent		HG-T(28)
L2507419-65A	Plastic 2oz unpreserved for TS	D	NA		3.5	Y	Absent		TS(7)
L2507419-65B	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.5	Y	Absent		HG-T(28)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2507419-66A	Plastic 2oz unpreserved for TS	D	NA		3.5	Y	Absent		TS(7)
L2507419-66B	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.5	Y	Absent		AS-TI(180)
L2507419-67A	Plastic 2oz unpreserved for TS	D	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-67B	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-68A	Plastic 2oz unpreserved for TS	D	NA		3.5	Y	Absent		TS(7)
L2507419-68B	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.5	Y	Absent		AS-TI(180)
L2507419-69A	Plastic 2oz unpreserved for TS	D	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-69B	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-70A	Plastic 2oz unpreserved for TS	D	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-70B	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-71A	Amber 100ml unpreserved	D	7	7	3.5	Y	Absent		NYTCL-8081-RVT(7)
L2507419-71B	Amber 100ml unpreserved	D	7	7	3.5	Y	Absent		NYTCL-8081-RVT(7)
L2507419-71C	Plastic 250ml HNO3 preserved	D	<2	<2	3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2507419-71D	Plastic 250ml unpreserved	D	7	7	3.5	Y	Absent		ARCHIVE()
L2507419-72A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-72A1	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-72A2	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-73A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507419-74A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-75A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		TS(7),NYTCL-8081(14)
L2507419-76A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14)
L2507419-77A	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		TS(7)
L2507419-77B	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HG-T(28)
L2507419-78A	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		HOLD-WETCHEM()

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2507419
Report Date: 03/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2507419-78B	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-METAL(180)
L2507419-79A	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2507419-79B	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2507419
Project Number:	CV04.001	**Report Date:**	03/12/25

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2507419
Project Number:	CV04.001	**Report Date:**	03/12/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2507419
Project Number:	CV04.001	**Report Date:**	03/12/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2507419
Report Date: 03/12/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2507419 18FEB25
TERRAPHASE

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE O

Scan QR Code for Instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Sample Comment
01	I1HR - 0.5 - 1	SO	G			2/8/25	820							X		
02	I1HR - 1 - 1.5						821							H		Hold
03	I1HR - 1.5 - 2						822							H		Hold
04	H13R - 0.5 - 1						835							X		
05	H13R - 1 - 1.5						836							H		Hold
06	H13R - 1.5 - 2						837							H		Hold
07	H14R - 0.5 - 1						850							X		
08	H14R - 1 - 1.5						851							H		Hold
09	H14R - 1.5 - 2						852							H		Hold
10	F15R - 0.5 - 1						920							X		

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Additional Instructions from Pace®:

Collected By: Printed Name: Kirsten Chorlton Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
		Pace	2/11 5:30
Pace	2/11 10:25		
	2/11/25		2/11/25 17:00
		Pace	2/11/25 20:30

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 6

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

2/11/25 22:45 2/11/25 22:45

L2507419

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for Instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome (6010/7470 + 7196)	Mercury	Arsenic				Sample Comment
11	F15R - 1-1.5	SO	G			2/8/25	921							H							Hold
12	F15R - 1.5-2						922							H							Hold
13	G15R - 0.5-1						930									X					
14	G15R - 1-1.5						931									H					Hold
15	G15R - 1.5-2						932									H					Hold
16	D14R - 0.5-1						952							X							
17	D14R - 1-1.5						953							H							Hold
18	D14R - 1.5-2						954							H							Hold
19	D13R - 0.5-1						1005										X				
20	D13R - 1-1.5						1006										H				Hold

Additional Instructions from Pace®:

Collected By: Printed Name: Kirsten O'Rourke Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C): Corrected Temp (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time: 2/11 10:25	Received by/Company: (Signature)	Date/Time: 2/11 8:20
Relinquished by/Company: (Signature)	Date/Time: 2/11/25	Received by/Company: (Signature)	Date/Time: 2/11/25 17:00
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 2/11/25 2030

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 2 of 5

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORQ-0019_v02_110123 ©

2/11/25 2245 2/11/25 22:45

L2507419

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; add@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B	Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____ — Date Results Requested:
	DW PWSID # or WW Permit # as applicable: — Field Filtered (if applicable): [ ] Yes [ ] No — Analysis:

Specify Container Size **: **Identify Container Preservative Type***: **Analysis Requested**

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Arsenic	Mercury	Total + Hex Chrome			Sample Comment
21	D13R - 1.5 - 2	SO	G			2/6/25	1007									H					
22	D11R - 0.5 - 1						1035							X		X	X	X			
23	D11R - 1 - 1.5						1036							H		H	H	H			Hold
24	D11R - 1.5 - 2						1037							H		H	H	H			Hold
25	C10R - 0.5 - 1						1143							X		X					
26	C10R - 1 - 1.5						1144							H		H					Hold
27	C10R - 1.5 - 2						1145							H		H					Hold
28	A11R - 0.5 - 1						1154									X	X				
29	A11R - 1 - 1.5						1155									H	H				Hold
30	A11R - 1.5 - 2						1156									H	H				Hold

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: Printed Name: Kursen O'Rourke — Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: — Thermometer ID: — Correction Factor (°C): — Obs. Temp. (°C): — Corrected Temp. (°C): — [ ] On ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time: 2/11 10:25	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time: 2/11/25	Received by/Company: (Signature)	Date/Time: 2/11/25 1730
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 2/11/25 2230

Tracking Number: — Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 3 of 6

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

ENV-FRM-CORC-0019_v02_110123 ©

L2507419

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224 E-Mail: nicholas.krasnecky@terraphase.com Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001 Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____ — Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No — Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Mercury	Arsenic	Total Hexavalent Chrome			Sample Comment
31	B13R- 0.5-1	SO	G			2/8/25	1200									X					
32	B13R- 1-1.5						1201									H					Hold
33	B13R- 1.5-2						1202									H					Hold
34	E12R -0.5-1						1240										X				
35	E12R - 1-1.5						1241										H				Hold
36	E12R- 1.5-2						1242										H				Hold
37	F10R -0.5-1						1350							X			X				
38	F10R-1-1.5						1351							H			H				Hold
39	F10R -1.5-2						1352							H			H				Hold
40	F11R- 0.5-1	↓	↓			↓	1410							X		X	X	X			

Additional Instructions from Pace® :

Collected By: Printed Name: Kaysen O'Rourke — Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: _____ Thermometer ID: _____ Correction Factor (°C): _____ Obs. Temp (°C): _____ Corrected Temp (°C): _____ [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Relinquished by/Company: (Signature) Pace	2/11 10:25	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	2/11/25	Received by/Company: (Signature)	2/11/25 17:20	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Pace	2/11/25 20:30	Page: 4 of 6

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

Chain-Pace 2/11/25 2245 — Pace 2/11/25 22:45

L2507419

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____ — Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No — Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Mercury	Arsenic	Total + Hex Chrome	Sample Comment
41	F11R -1-1.5	SO	G			2/8/25	1411							H		H	H	H	Hold
42	F11R -1.5-2						1412							H		H	H	H	Hold
43	E03R-0.5-1						1536							X		X			
44	E03R-1-1.5						1537							H		H			Hold
45	E03R-1.5-2						1538							H		H			Hold
46	C03R - 0.5-1						1547							X					
47	C03R - 1-1.5						1548							H					Hold
48	C03R - 1.5-2						1549							H					Hold
49	FB-250208	FB	G				1345							X		X	X	X	
50	G03R-6-7.5	SO	G				1502							X					

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Additional Instructions from Pace®:

Collected By: Printed Name: Kirsten O'Rourke — Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: — Thermometer ID: — Correction Factor (°C): — Obs. Temp (°C): — Corrected Temp (°C): — [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Kirsten O'Rourke - Pace	2/11 10:25	[illegible] - Pace	2/11 8:30
[illegible]	2/11/25	[illegible]	2/11/25 17:03
[illegible]	[illegible]	[illegible] - Pace	2/11/25 7:30

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 5 of 6

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORC-0019_v02_110123 ©

[illegible] - Pace 2/11/25 22:45 — CMOC — 2/11/25 22:45

L2507419

Pace® Location Requested (City/State): Westborough, MA

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Arsenic	Lab Use Only: Proj. Mgr: / Acct/Num / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:	Sample Comment	Preservation non-conformance identified for sample.
50	G03R-6-7.5 MS	So	G			2/8/25	1502							H				Hold	
50	G03R-6-7.5 MSD	So	G			2/8/25	1502							H				Hold	
51	E08R-0.5-1.0	So	G			2/10/25	1105									X			
52	E08R-1.0-1.5	So	G			2/10/25	1108									H		Hold	
53	E08R-1.5-2.0	So	G			2/10/25	1110									H		Hold	
54	E06R-0.5-1.0	So	G			2/10/25	1115							X		X			
55	E06R-1.0-1.5	So	G			2/10/25	1118							H		H		Hold	
56	E06R-1.5-2.0	So	G			2/10/25	1120							H		H		Hold	
57	F07R-0.5-1.0	So	G			2/10/25	1130									X			
58	F07R-1.0-1.5	So	G			2/10/25	1132									H		Hold	

Additional Instructions from Pace®:

Collected By: Printed Name: Karsen O'Rourke Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDO Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Karsen O'Rourke Pace	2/11 10:25	Pace	2/11 8:20
	2/11/25		2/11/25 17:00
			2/11/25 20:30

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 6 of 6

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

ENV-FRM-CORO-0019_v02_110123 ©

2/11/25 2245 2/11/25 22:45

L2507419

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report to: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCL, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Ext. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Arsenic	Mercury				Sample Comment
59	F07R-1.5-2.0	So	G			2/10/25	1135									H					Hold
60	F08R-0.5-1.0	So	G			2/10/25	1140							X	X	X					
61	F08R-1.0-1.5	So	G			2/10/25	1142							H	H	H					Hold
62	F08R-1.5-2.0	So	G			2/10/25	1145							H	H	H					Hold
63	G06R-0.5-1.0	So	G			2/10/25	1225										X				
64	G06R-1.0-1.5	So	G			2/10/25	1228										H				Hold
65	G06R-1.5-2.0	So	G			2/10/25	1230										H				Hold
66	H05R-1.0-1.5	So	G			2/10/25	1248									X					
67	H05R-1.5-2.0	So	G			2/10/25	1250									H					Hold
68	H03R-0.5-1.0	So	G			2/10/25	1305									X					

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace® :

Collected By: Printed Name Korgen O'Rourke / Signature

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time: 2/11 10:25	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time: 2/11/25	Received by/Company: (Signature)	Date/Time: 2/11/25 17:07
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 2/11/25 10:30

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

2/11/25 22:45 2/11/25 22:45

L2507419

Pace® Location Requested (City/State): **Westborough, MA**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224
	E-Mail: nicholas.krasnecky@terraphase.com
	Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001
	Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC — Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome (6010/7470 + 7196)	Arsenic	Mercury				Sample Comment
69	H03R-1.0-1.5	SO	G			2/10/25	1308									H					Hold
70	H03R-1.5-2.0	SO	G			2/10/25	1310									H					Hold
71	FB-250210	GW	G			2/10/25	1330							X	X	X	X				

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample

Additional Instructions from Pace® :

Collected By: Printed Name: Karen O'Rourke Signature:

Customer Remarks / Special Conditions / Possible Hazards:

Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time: 2/11 10:25	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time: 2/11/25	Received by/Company: (Signature)	Date/Time: 2/11/25 17:00
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 2/11/25 22:30

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORC-0015_v02_110123 ©

Chain - Pace 2/11/25 2245

2/11/25 22:45

L2507419

Pace® Location Requested (City/State): Westborough, MA

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering

Street Address: 1100 E. Hector Street, Conshohocken, PA

Customer Project #: CV04.001

Project Name: Elmwood Preserve

Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239

Contact/Report To: Nicholas Krasnecky

Phone #: (201) 552-0224

E-Mail: nicholas.krasnecky@terraphase.com

Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com

Invoice to: Terraphase Engineering

Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;

Purchase Order # (if applicable): CV04.001

Quote #: 29992

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B

Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC

Reportable [X] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	TCL Pesticides - 8081	TAL Metals + Hex Chrome 6010/7470 + 7196	Sample Comment
72	FO3-6-S	SO	G			2/7/25	1550							X		
72	FO3-6-S MS					2/7/25	1550							X		
72	FO3-6-S MSD					2/7/25	1550							X		
73	FO3-S-S.5					2/7/25	1552							H		Hold
74	FO18-4-6					2/7/25	1620							X		
75	DUP-14					2/7/25	1621							X		
76	FO18-6-7					2/7/25	1625							H		Hold

Lab Use Only: Proj. Mgr: / Acctnum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified (or sample)

Additional Instructions from Pace®:

Collected By: Printed Name: Kirsten O'Rourke Signature:

Customer Remarks / Special Conditions / Possible Hazards: Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ENV-FRM-CORO-0019_v02_110123 ©

L2507419

Pace® Location Requested (City/State): Westborough, MA

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Terraphase Engineering	Contact/Report To: Nicholas Krasnecky
Street Address: 1100 E. Hector Street, Conshohocken, PA	Phone #: (201) 552-0224 E-Mail: nicholas.krasnecky@terraphase.com Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Customer Project #: CV04.001	Invoice to: Terraphase Engineering
Project Name: Elmwood Preserve	Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Site Collection Info/Facility ID (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239	Purchase Order # (if applicable): CV04.001 Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): NY
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other NYS Analytical Services Protocol Category B	Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC Reportable [X] Yes [ ] No Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____ Date Results Requested: DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TCL VOCs - 8260	NYTCL SVOCs - 8270	TCL PCBs - 8082	NY PFAAs - 1633	TCL Pesticides - 8081	Herbicides - 8151	TAL Metals + Hex Chrome 6010/7470 + 7196	Mercury			Sample Comment
77	H12R - 0.5-1	SO	G			2/8/25	800											X			
78	H12R - 1-1.5	SO	G			2/8/25	801											H			Hold
79	H12R - 1.5-2	SO	G			2/8/25	803											H			Hold

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / Acct/Num / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: Printed Name: Kirsten O'Rourke Signature:

Customer Remarks / Special Conditions / Possible Hazards:

Please provide data in Terraphase Equis EFWEDD Format

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

ANALYTICAL REPORT

Lab Number:	L2511469
Client:	Terraphase Engineering Inc. 222 International Drive Suite 150 Portsmouth, NH 03801
ATTN:	Nicholas Krasnecky
Phone:	(858) 385-0022
Project Name:	ELMWOOD PRESERVE
Project Number:	CV04.001
Report Date:	03/14/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2511469
Report Date: 03/14/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2511469-01	COMPOSITE #1	SOIL	Not Specified		02/04/25
L2511469-02	COMPOSITE #2	SOIL	Not Specified		02/04/25

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2511469
Project Number:	CV04.001	**Report Date:**	03/14/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2511469
Project Number:	CV04.001	**Report Date:**	03/14/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by 1633

The Extracted Internal Standard recovery for the WG2037949-3 LCS associated with L2511469-01 and -02 is outside the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (149%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 03/14/25

ORGANICS

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Lab Number: L2511469
Project Number: CV04.001
Report Date: 03/14/25

SAMPLE RESULTS

Lab ID: L2511469-01
Client ID: COMPOSITE #1
Sample Location: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 03/11/25 10:52
Analyst: AC
Percent Solids: 81%

Date Collected:
Date Received: 02/04/25
Field Prep: Not Specified

Extraction Method: EPA 1633
Extraction Date: 03/09/25 08:15
Cleanup Method: EPA 1633
Cleanup Date: 03/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorooctanoic Acid (PFOA)	0.196	J	ng/g	0.200	0.026	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2511469

Project Number: CV04.001 **Report Date:** 03/14/25

SAMPLE RESULTS

Lab ID: L2511469-01 Date Collected:

Client ID: COMPOSITE #1 Date Received: 02/04/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	63		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	70		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	69		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	61		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	69		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	68		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	69		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	74		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	66		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	92		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	83		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	76		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	75		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	71		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	72		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	77		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2511469
Report Date: 03/14/25

SAMPLE RESULTS

Lab ID: L2511469-02
Client ID: COMPOSITE #2
Sample Location: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 03/11/25 11:01
Analyst: AC
Percent Solids: 84%

Date Collected:
Date Received: 02/04/25
Field Prep: Not Specified

Extraction Method: EPA 1633
Extraction Date: 03/09/25 08:15
Cleanup Method: EPA 1633
Cleanup Date: 03/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorooctanoic Acid (PFOA)	0.325		ng/g	0.200	0.026	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2511469

Project Number: CV04.001 **Report Date:** 03/14/25

SAMPLE RESULTS

Lab ID: L2511469-02 Date Collected:

Client ID: COMPOSITE #2 Date Received: 02/04/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	77		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	93		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	84		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	121		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	92		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	90		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	90		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	84		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	80		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	80		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	83		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2511469
Report Date: 03/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/11/25 09:58
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 03/09/25 08:15
Cleanup Method: EPA 1633
Cleanup Date: 03/09/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02 Batch: WG2037949-1					
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	58		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	78		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	89		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	100		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	92		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	88		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	114		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	86		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	81		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	75		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	79		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72		15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2511469
Report Date: 03/14/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG2037949-2 LOW LEVEL								
Perfluorooctanoic Acid (PFOA)	120		-		70-150	-		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	71				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	79				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	97				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	99				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	98				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	116				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	96				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	90				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	88				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	82				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	86				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2511469
Report Date: 03/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG2037949-3								
Perfluorooctanoic Acid (PFOA)	108		-		70-150	-		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	75				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	109				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	95				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	92				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	94				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	96				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	101				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**149**	Q			40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	93				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	94				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	94				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	93				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	95				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	86				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	83				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	92				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	87				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	82				15-130

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2511469
Report Date: 03/14/25

SAMPLE RESULTS

Lab ID: L2511469-01
Client ID: COMPOSITE #1
Sample Location: Not Specified
Sample Depth:
Matrix: Soil
Date Collected:
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	03/04/25 12:15	121,2540G	ROI

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2511469
Report Date: 03/14/25

SAMPLE RESULTS

Lab ID: L2511469-02
Client ID: COMPOSITE #2
Sample Location: Not Specified
Sample Depth:
Matrix: Soil
Date Collected:
Date Received: 02/04/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	03/04/25 12:15	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001

Lab Number: L2511469

Report Date: 03/14/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG2036398-1 QC Sample: L2511458-01 Client ID: DUP Sample						
Solids, Total	56.8	56.3	%	1		20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2511469
Report Date: 03/14/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2511469-01X	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2511469-01Y	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)
L2511469-02X	Plastic 8oz unpreserved	D	NA		3.2	Y	Absent		A2-NY-1633(90)
L2511469-02Y	Plastic 2oz unpreserved for TS	D	NA		3.2	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2511469
Report Date: 03/14/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001

Lab Number: L2511469
Report Date: 03/14/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2511469
Project Number:	CV04.001	**Report Date:**	03/14/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2511469
Project Number:	CV04.001	**Report Date:**	03/14/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2511469
Project Number:	CV04.001	**Report Date:**	03/14/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001
Lab Number: L2511469
Report Date: 03/14/25

REFERENCES

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

L2511469 ASK 3/3/25

Pace® Location Requested (City/State): Westborough, MA

CHAIN-OF-CUSTODY Analytical Request Document

Company Name: Terraphase Engineering
Street Address: 1100 E. Hector Street, Conshohocken, PA
Customer Project #: CV04.001
Project Name: Elmwood Preserve
Site Collection Info/Address (as applicable): 850 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239
Report To: Nicholas Krasnecky
Phone #: (267) 552-0224
E-Mail: nicholas.krasnecky@terraphase.com
Cc / E-Mail: wwarrington@terraphase.com; adiff@terraphase.com
Invoice To: Terraphase Engineering
Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Purchase Order #/If applicable: CV04.001
Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): NY
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other
Regulatory Program (DW, RCRA, etc.) as applicable: NYSDEC
Reportable: [X] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
Date Results Requested:
DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis

LAB USE ONLY - Affix Workorder Login Label Here

~~L2506189~~ 11FEB25 TERRAPHASE

Specify Container Size**
Specify Customer Preservative Type***
Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 500mL, (6) 40mL vial, (7) 5 Core, (8) TerraCore, (9) Wipe, (10) Other
*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) NaOH, (5) ZnAc+NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Soil Preservation, (9) Ascorbic Acid, (10) MeOH, (11) Other

Composite volume from-59, -60, -61 and -62 to create sample -01. Composite volume from -39, -53, -54 and -55 to create sample -02. Log for A2-NY-1633 and TS.

Prep. Mgr.
Acct/Nam. / Client ID:
Table #:
Profile / Template:
Prelog / Bottle Ord. ID:
Lab Use Only
Preservation non-conformance identified (Y or N/A)

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Air (A), Tissue (T), Biowaste (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Leach (CE), Leachate (LL), Biosolid (BS), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units										Sample Comment
30	A05R-4-6	SS	C			2/4/25	1035	2					H							hold
31	TE1-SB-024-8	SS	C			2/4/25	1245	9			X	X	X	X	X	X	X			
32	TE1-SB-02-6-8 MS	SS	C			2/4/25	1245	9			X	X	X	X	X	X	X			
33	TE1-SB-02-6-8 MSD	SS	C			2/4/25	1245	9			X	X	X	X	X	X	X			
~~34~~	~~FB1-SP~~																			
35	DUP-01	SS	C			2/4/25	1250	9			X	X	X	X	X	X	X			
36	TS-15R-0-1	SS	G			2/4/25	1345	9			X	X		X	X		X			
37	TS-15R-1-1.5	SS	G			2/4/25	1347	5				X		X	X		X			
38	TS-15A-1.5-2	SS	G			2/4/25	1350	5				H		H	H		H			hold
02 39	TS-15R-2-2.5	SS	G			2/4/25	1353	5				H		H	H		H			Hold

Additional Instructions from Pace®:

Collected By: Printed Name / Signature

Customer Remarks / Special Conditions / Possible Hazards:
Please provide data in Terraphase Equis EFWEDD Format

Relinquished by/Company: (Signature) — Date/Time: 2/4/25
Received by/Company: (Signature) — Date/Time: 2/4/25 16:50
Relinquished by/Company: (Signature) — Date/Time: 2/4/25
Received by/Company: (Signature) — Date/Time: 2/4/25 19:15
Relinquished by/Company: (Signature) — Date/Time: 2/4/25
Received by/Company: (Signature) — Date/Time: 2/4/25 23:30
Relinquished by/Company: (Signature) — Date/Time: 2/5/25 0225
Received by/Company: (Signature) — Date/Time:

Tracking Number: 177051252025

Delivered by: [ ] In Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 5 of 8

Submitting samples via this chain-of-custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

INV-PM-CORC-001 v02 11012021

L2511496 AJK 3/13/25

Pace® Location Requested (City/State): Westborough, MA

CHAIN-OF-CUSTODY Analytical Request Document

LAB USE ONLY- Affix Workorder/Login Label Here

~~L2506139~~ 11FEB25 TERRAPHASE

Company Name: Terraphase Engineering
Street Address: 1100 E. Hector Street, Conshohocken, PA
Customer Project #: CV04.001
Project Name: Elmwood Preserve
Site Collection Info/Facility ID (as applicable): 860 Dobbs Ferry Road, White Plains, NY NYSDEC BCP Site No. C360239
Report To: Nicholas Krasnecky
Phone #: (201) 553-0224
E-Mail: nicholas.krasnecky@terraphase.com
Cc E-Mail: alexander.strohl@terraphase.com; edd@terraphase.com
Invoice To: Terraphase Engineering
Invoice E-mail: ap@terraphase.com; nicholas.krasnecky@terraphase.com;
Purchase Order # (if applicable): CV04.001
Quote #: 29992
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other
Regulatory Program (SDW, RCRA, etc.) as applicable: NYSDEC
Reportable: [X] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
Date Results Requested:
SW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

Specify Container Size **
Identify Container Preservative Type***
Analysis Requested

** Container Size: (1) 1L (2) 500mL (3) 250mL (4) 125mL (5) 120mL (6) 40mL vial (7) 5mCore (8) TerraCore (9) Wipe (10) Other
*** Preservative Types: (1) None (2) HNO3 (3) HCl (4) H2SO4 (5) NaOH (6) Zn Acetate (7) NaHSO4 (8) Ind Thiosulfate (9) Ascorbic Acid (10) MeOH (11) Other

Composite volume from-59, -60, -61 and -62 to create sample -01. Composite volume from -39, -53, -54 and -55 to create sample -02. Log for A2-NY-1633 and TS.

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biocrud (BC), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units									Sample Comment
53	TS-15R-2.5-3	SS	G			2/4/25	1357	6				H		H	H		H		Hold
-02 54	TS-15R-3-3.5						1400	6				H		H	H		H		Hold
55	TS-15R-3.5-4						1403	6				H	A	H	H		H		Hold
~~56~~	~~TS-03R-0-1~~						1515	9			Y	X		X	X		X		
~~57~~	~~TS-03R-1-1.5~~						1517	6				X		X	X		X		
~~58~~	~~TS-03R-1.5-2~~						1520	6				H		H	H		H		Hold
59	TS-03R-2-2.5						1523	6				H		H	H		H		Hold
-01 60	TS-03R-2.5-3						1527	6				H		H	H		H		Hold
61	TS-03R-3-3.5						1530	6				H		H	H		H		Hold
62	TS-03R-3.5-4						1533	6				H		H	H		H		Hold

Additional Instructions from Pace*

Collected By: Printed Name: Marie Mueller
Signature:

Customer Remarks / Special Conditions / Possible Hazards
Please provide data in Terraphase Equis EFWEDD Format

Relinquished by/Company: Signature	Date/Time	Received by/Company: Signature	Date/Time
	2/4/25		2/4/25 1650
Relinquished by/Company: Signature	Date/Time	Received by/Company: Signature	Date/Time
AMS	2/4/25	AMS	2/4/25 1935
Relinquished by/Company: Signature	Date/Time	Received by/Company: Signature	Date/Time
	2/5/25 0225		2/5/25 2330

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 6 of 6

02105121-02

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

ANALYTICAL REPORT

Lab Number:	L2527006
Client:	Terraphase Engineering Inc. 222 International Drive Suite 150 Portsmouth, NH 03801
ATTN:	Nicholas Krasnecky
Phone:	(858) 385-0022
Project Name:	ELMWOOD PRESERVE
Project Number:	CV04.001.004B
Report Date:	05/21/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2527006-01	I15-0-0.2	SOIL	850 DOBBS FERRY RD	04/30/25 12:55	05/01/25
L2527006-02	I01-0-0.2	SOIL	850 DOBBS FERRY RD	04/30/25 15:30	05/01/25
L2527006-03	A04-0-0.2	SOIL	850 DOBBS FERRY RD	04/30/25 15:45	05/01/25
L2527006-04	C05-0-0.2	SOIL	850 DOBBS FERRY RD	04/30/25 17:12	05/01/25
L2527006-05	G05-0-0.2	SOIL	850 DOBBS FERRY RD	04/30/25 17:20	05/01/25
L2527006-06	E08-0-0.2	SOIL	850 DOBBS FERRY RD	04/30/25 17:38	05/01/25
L2527006-07	C13-0-0.2	SOIL	850 DOBBS FERRY RD	04/30/25 17:50	05/01/25
L2527006-08	A09-0-0.2	SOIL	850 DOBBS FERRY RD	04/30/25 18:05	05/01/25
L2527006-09	DUP-02-250430	SOIL	850 DOBBS FERRY RD	04/30/25 18:10	05/01/25
L2527006-10	A13-0-0.2	SOIL	850 DOBBS FERRY RD	04/30/25 18:15	05/01/25
L2527006-11	G12-0-0.2	SOIL	850 DOBBS FERRY RD	04/30/25 18:20	05/01/25
L2527006-12	I08-0-0.2	SOIL	850 DOBBS FERRY RD	04/30/25 18:35	05/01/25
L2527006-13	EB-SO-250430	WATER	850 DOBBS FERRY RD	04/30/25 18:40	05/01/25

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2527006
Project Number:	CV04.001.004B	**Report Date:**	05/21/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2527006
Project Number:	CV04.001.004B	**Report Date:**	05/21/25

Case Narrative (continued)

Report Revision

May 21, 2025: The Client IDs were amended on L2527006-09.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by 1633

L2527006-01: The Extracted Internal Standard recoveries were above the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (159%) and n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (157%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2527006-02: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (221%), 1h,1h,2h,2h-perfluoro[1,2-13c2]decanesulfonic acid (m2-8:2fts) (276%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (168%), and n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (172%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2527006-12: The Extracted Internal Standard recoveries were above the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (153%) and n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (157%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

WG2062162-1: The Extracted Internal Standard recoveries were above the acceptance criteria for perfluoro[13c4]butanoic acid (mpfba) (154%), perfluoro[13c5]pentanoic acid (m5pfpea) (160%), perfluoro[2,3,4-13c3]butanesulfonic acid (m3pfbs) (155%), perfluoro[1,2,3,4,6-13c5]hexanoic acid (m5pfhxa) (168%), perfluoro[1,2,3,4-13c4]heptanoic acid (m4pfhpa) (152%), perfluoro[1,2,3-13c3]hexanesulfonic acid (m3pfhxs) (154%), perfluoro[13c8]octanoic acid (m8pfoa) (160%), perfluoro[13c9]nonanoic acid (m9pfna) (156%), perfluoro[13c8]octanesulfonic acid (m8pfos) (148%), perfluoro[1,2,3,4,5,6-13c6]decanoic acid

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006
Project Number: CV04.001.004B **Report Date:** 05/21/25

Case Narrative (continued)

(m6pfda) (140%), perfluoro[1,2,3,4,5,6,7-13c7]undecanoic acid (m7-pfuda) (151%), perfluoro[13c8]octanesulfonamide (m8fosa) (159%), 2,3,3,3-tetrafluoro-2-[1,1,2,2,3,3,3-heptafluoropropoxy]-13c3-propanoic acid (m3hfpo-da) (174%), 2-(n-methyl-d3-perfluoro-1-octanesulfonamido)ethan-d4-ol (d7-nmefose) (139%), and 2-(n-ethyl-d5-perfluoro-1-octanesulfonamido)ethan-d4-ol (d9-netfose) (145%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

The WG2062162-2 LCS recovery associated with L2527006-13 is above the acceptance criteria for 4,8-dioxa-3h-perfluorononanoic acid (adona) (165%); however, the associated sample is non-detect to the reporting limit for this target analyte. The results of the original analysis are reported.

The Extracted Internal Standard recovery for the WG2062162-2 LCS associated with L2527006-13 is outside the acceptance criteria for perfluoro[13c5]pentanoic acid (m5pfpea) (136%), perfluoro[1,2,3,4,6-13c5]hexanoic acid (m5pfhxa) (141%), perfluoro[13c9]nonanoic acid (m9pfna) (141%), and 2,3,3,3-tetrafluoro-2-[1,1,2,2,3,3,3-heptafluoropropoxy]-13c3-propanoic acid (m3hfpo-da) (153%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.

WG2062162-3R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

The Extracted Internal Standard recovery for the WG2062162-3R LCS associated with L2527006-13 is outside the acceptance criteria for 2-(n-ethyl-d5-perfluoro-1-octanesulfonamido)ethan-d4-ol (d9-netfose) (131%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Alycia Mogayzel

Title: Technical Director/Representative Date: 05/21/25

ORGANICS

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-01
Client ID: I15-0-0.2
Sample Location: 850 DOBBS FERRY RD

Date Collected: 04/30/25 12:55
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/20/25 13:49
Analyst: JW
Percent Solids: 76%

Extraction Method: EPA 1633
Extraction Date: 05/20/25 07:15
Cleanup Method: EPA 1633
Cleanup Date: 05/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.167	J	ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.062	J	ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.058	J	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.060	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.171	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.221		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.989		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	0.214		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	0.224		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.095	J	ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.106	J	ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	0.038	J	ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-01 Date Collected: 04/30/25 12:55

Client ID: I15-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-01 Date Collected: 04/30/25 12:55

Client ID: I15-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	96		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	100		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	120		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	98		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	101		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	101		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	214		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	106		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	198		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**159**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	93		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	96		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**157**	Q	40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	76		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	92		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	84		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	82		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	83		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	98		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	96		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-02
Client ID: I01-0-0.2
Sample Location: 850 DOBBS FERRY RD

Date Collected: 04/30/25 15:30
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/20/25 13:58
Analyst: JW
Percent Solids: 74%

Extraction Method: EPA 1633
Extraction Date: 05/20/25 07:15
Cleanup Method: EPA 1633
Cleanup Date: 05/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.363	J	ng/g	0.798	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.153	J	ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.798	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.082	J	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.069	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.334		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.274		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	1.04		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	0.314		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.798	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.085	1
Perfluoroundecanoic Acid (PFUnA)	0.326		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.172	J	ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.10	J	ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	0.077	J	ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.798	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.798	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-02 Date Collected: 04/30/25 15:30

Client ID: I01-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.798	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.798	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.998	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-02 Date Collected: 04/30/25 15:30

Client ID: I01-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	91		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	98		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	97		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**221**	Q	40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**276**	Q	40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**168**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	96		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	83		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**172**	Q	40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	101		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	97		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	60		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	85		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	78		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-03
Client ID: A04-0-0.2
Sample Location: 850 DOBBS FERRY RD

Date Collected: 04/30/25 15:45
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/20/25 14:07
Analyst: JW
Percent Solids: 77%

Extraction Method: EPA 1633
Extraction Date: 05/20/25 07:15
Cleanup Method: EPA 1633
Cleanup Date: 05/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.279	J	ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.104	J	ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.071	J	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.066	J	ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.204		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.210		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	1.05		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	0.168	J	ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	0.200		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.090	J	ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.059	J	ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	0.034	J	ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-03 Date Collected: 04/30/25 15:45

Client ID: A04-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-03 Date Collected: 04/30/25 15:45

Client ID: A04-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	82		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	87		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	89		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	98		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	95		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	119		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	103		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	99		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	92		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	128		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	94		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	96		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	73		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	72		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	89		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	92		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-04
Client ID: C05-0-0.2
Sample Location: 850 DOBBS FERRY RD

Date Collected: 04/30/25 17:12
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/20/25 14:16
Analyst: JW
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 05/20/25 07:15
Cleanup Method: EPA 1633
Cleanup Date: 05/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.124	J	ng/g	0.798	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.065	J	ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.798	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.035	JF	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.034	J	ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.053	J	ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.112	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	1.64		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	0.226		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.798	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	0.261		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	0.034	J	ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.103	J	ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.144	J	ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.081	J	ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	0.040	J	ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.798	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.798	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-04 Date Collected: 04/30/25 17:12

Client ID: C05-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.798	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.798	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.364	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-04 Date Collected: 04/30/25 17:12

Client ID: C05-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	88		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	98		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	102		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	97		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	102		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	112		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	101		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	107		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	135		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	128		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	99		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	144		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	96		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	88		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	96		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	82		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	79		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	101		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	100		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-05
Client ID: G05-0-0.2
Sample Location: 850 DOBBS FERRY RD

Date Collected: 04/30/25 17:20
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/20/25 14:25
Analyst: JW
Percent Solids: 90%

Extraction Method: EPA 1633
Extraction Date: 05/20/25 07:15
Cleanup Method: EPA 1633
Cleanup Date: 05/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.030	J	ng/g	0.798	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.798	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.043	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.079	J	ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.798	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.798	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.798	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-05 Date Collected: 04/30/25 17:20

Client ID: G05-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.798	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.798	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.998	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-05 Date Collected: 04/30/25 17:20

Client ID: G05-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	100		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	90		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	92		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	90		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	98		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	99		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	98		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	91		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	105		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	91		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	95		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	109		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	107		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	87		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	83		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	81		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	94		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	104		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-06
Client ID: E08-0-0.2
Sample Location: 850 DOBBS FERRY RD

Date Collected: 04/30/25 17:38
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/20/25 14:34
Analyst: JW
Percent Solids: 81%

Extraction Method: EPA 1633
Extraction Date: 05/20/25 07:15
Cleanup Method: EPA 1633
Cleanup Date: 05/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.256	J	ng/g	0.799	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.094	J	ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.086	J	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.082	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.312		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.435		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.845		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	0.362		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	0.388		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.153	J	ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.103	J	ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	0.051	J	ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-06 Date Collected: 04/30/25 17:38

Client ID: E08-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.999	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-06 Date Collected: 04/30/25 17:38

Client ID: E08-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	77		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	76		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	76		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	76		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	75		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	76		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	96		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	83		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	89		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	52		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	50		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	65		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-07
Client ID: C13-0-0.2
Sample Location: 850 DOBBS FERRY RD

Date Collected: 04/30/25 17:50
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/20/25 15:59
Analyst: JW
Percent Solids: 79%

Extraction Method: EPA 1633
Extraction Date: 05/20/25 07:15
Cleanup Method: EPA 1633
Cleanup Date: 05/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.161	J	ng/g	0.798	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.077	J	ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.798	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.057	J	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.061	J	ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.101	J	ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.099	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.306		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	0.109	J	ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.798	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	0.131	J	ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.083	J	ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.061	J	ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	0.038	J	ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.798	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.798	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-07 Date Collected: 04/30/25 17:50

Client ID: C13-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.798	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.798	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-07 Date Collected: 04/30/25 17:50

Client ID: C13-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	90		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	97		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	103		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	105		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	97		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	174		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	107		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	100		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	92		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	125		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	96		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	110		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	91		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	78		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	77		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	90		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	94		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-08
Client ID: A09-0-0.2
Sample Location: 850 DOBBS FERRY RD

Date Collected: 04/30/25 18:05
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/20/25 16:08
Analyst: JW
Percent Solids: 81%

Extraction Method: EPA 1633
Extraction Date: 05/20/25 07:15
Cleanup Method: EPA 1633
Cleanup Date: 05/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.224	J	ng/g	0.799	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.092	J	ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.087	J	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.087	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.369		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.262		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	1.09		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	0.184	J	ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	0.211		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.090	J	ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.075	J	ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	0.034	J	ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-08 Date Collected: 04/30/25 18:05

Client ID: A09-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.999	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-08 Date Collected: 04/30/25 18:05

Client ID: A09-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	95		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	92		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	96		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	101		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	96		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	140		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	119		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	97		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	118		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	101		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	101		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	79		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	81		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	93		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	94		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-09
Client ID: DUP-02-250430
Sample Location: 850 DOBBS FERRY RD

Date Collected: 04/30/25 18:10
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/20/25 16:17
Analyst: JW
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 05/20/25 07:15
Cleanup Method: EPA 1633
Cleanup Date: 05/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.204	J	ng/g	0.794	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.093	J	ng/g	0.397	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.794	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.068	JF	ng/g	0.198	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.079	J	ng/g	0.198	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.020	1
Perfluorooctanoic Acid (PFOA)	0.307		ng/g	0.198	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.794	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.045	1
Perfluorononanoic Acid (PFNA)	0.234		ng/g	0.198	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.932		ng/g	0.198	0.031	1
Perfluorodecanoic Acid (PFDA)	0.174	J	ng/g	0.198	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.794	0.257	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.085	1
Perfluoroundecanoic Acid (PFUnA)	0.205		ng/g	0.198	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.083	J	ng/g	0.198	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.071	J	ng/g	0.198	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	0.038	J	ng/g	0.198	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.794	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.794	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.021	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-09 Date Collected: 04/30/25 18:10

Client ID: DUP-02-250430 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.794	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.794	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.021	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.397	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.993	0.091	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.234	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	0.363	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-09 Date Collected: 04/30/25 18:10

Client ID: DUP-02-250430 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	95		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	97		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	99		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	99		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	112		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	97		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	107		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	112		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	97		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	96		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	129		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	103		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	101		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	85		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	85		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	95		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	96		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-10
Client ID: A13-0-0.2
Sample Location: 850 DOBBS FERRY RD

Date Collected: 04/30/25 18:15
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/20/25 16:26
Analyst: JW
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 05/20/25 07:15
Cleanup Method: EPA 1633
Cleanup Date: 05/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.156	J	ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.082	J	ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.047	JF	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.051	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.126	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.108	J	ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.586		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	0.119	J	ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	0.114	J	ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.059	J	ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.046	J	ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	0.028	J	ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-10 Date Collected: 04/30/25 18:15

Client ID: A13-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-10 Date Collected: 04/30/25 18:15

Client ID: A13-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	101		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	95		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	100		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	113		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	98		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	99		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	129		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	115		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	108		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	94		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	132		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	100		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	94		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	87		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	78		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	76		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	93		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	98		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-11
Client ID: G12-0-0.2
Sample Location: 850 DOBBS FERRY RD

Date Collected: 04/30/25 18:20
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/20/25 14:43
Analyst: JW
Percent Solids: 93%

Extraction Method: EPA 1633
Extraction Date: 05/20/25 07:15
Cleanup Method: EPA 1633
Cleanup Date: 05/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.035	J	ng/g	0.793	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.396	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.793	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.026	JF	ng/g	0.198	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.020	1
Perfluorooctanoic Acid (PFOA)	0.046	J	ng/g	0.198	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.793	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.044	1
Perfluorononanoic Acid (PFNA)	0.075	J	ng/g	0.198	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	4.75		ng/g	0.198	0.031	1
Perfluorodecanoic Acid (PFDA)	0.202		ng/g	0.198	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.793	0.257	1
Perfluorononanesulfonic Acid (PFNS)	0.050	J	ng/g	0.198	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.085	1
Perfluoroundecanoic Acid (PFUnA)	0.235		ng/g	0.198	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	0.121	J	ng/g	0.198	0.014	1
Perfluorooctanesulfonamide (PFOSA)	0.025	JF	ng/g	0.198	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.131	J	ng/g	0.198	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.121	J	ng/g	0.198	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.077	J	ng/g	0.198	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	0.052	J	ng/g	0.198	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.793	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.793	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.021	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-11 Date Collected: 04/30/25 18:20

Client ID: G12-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.793	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.793	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.021	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.120	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.396	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.396	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.396	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.396	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.991	0.091	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.234	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	0.362	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-11 Date Collected: 04/30/25 18:20

Client ID: G12-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	89		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	104		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	98		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	97		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	104		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	102		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	138		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	112		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	103		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	98		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	130		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	99		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	93		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	96		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	82		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	80		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	96		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	100		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-12
Client ID: I08-0-0.2
Sample Location: 850 DOBBS FERRY RD

Date Collected: 04/30/25 18:35
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/20/25 16:35
Analyst: JW
Percent Solids: 62%

Extraction Method: EPA 1633
Extraction Date: 05/20/25 07:15
Cleanup Method: EPA 1633
Cleanup Date: 05/20/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.109	J	ng/g	0.794	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.045	J	ng/g	0.397	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.794	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.048	J	ng/g	0.198	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.020	1
Perfluorooctanoic Acid (PFOA)	0.083	J	ng/g	0.198	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.794	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.045	1
Perfluorononanoic Acid (PFNA)	0.112	J	ng/g	0.198	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.511		ng/g	0.198	0.031	1
Perfluorodecanoic Acid (PFDA)	0.152	J	ng/g	0.198	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.794	0.257	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.085	1
Perfluoroundecanoic Acid (PFUnA)	0.120	J	ng/g	0.198	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.065	J	ng/g	0.198	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.046	J	ng/g	0.198	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.794	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.794	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.021	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-12 Date Collected: 04/30/25 18:35

Client ID: I08-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.794	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.794	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.021	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.397	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.993	0.091	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.234	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	0.363	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-12 Date Collected: 04/30/25 18:35

Client ID: I08-0-0.2 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	103		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	100		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	103		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	107		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	102		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	111		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	105		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	105		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	209		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	109		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	102		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	207		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**153**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	104		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	98		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**157**	Q	40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	106		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	102		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	93		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	78		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	77		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	101		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	98		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-13
Client ID: EB-SO-250430
Sample Location: 850 DOBBS FERRY RD

Date Collected: 04/30/25 18:40
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 15:47
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/04/25 14:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.50	0.536	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.25	0.366	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.62	0.406	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.50	0.926	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.62	0.252	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.62	0.211	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.62	0.244	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.62	0.138	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.62	0.268	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.50	4.89	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.62	0.203	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.62	0.268	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.62	0.268	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.62	0.211	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.50	1.24	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.62	0.203	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.62	0.488	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.62	0.179	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.62	0.138	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.62	0.098	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.62	0.488	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.62	0.219	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.62	0.187	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.62	0.162	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.50	1.62	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.50	0.382	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.62	0.244	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-13 Date Collected: 04/30/25 18:40

Client ID: EB-SO-250430 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.50	0.447	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.50	0.455	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.62	0.228	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.62	0.358	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.2	1.32	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.2	1.12	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.25	0.252	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.25	0.366	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.25	0.333	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.25	0.553	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.13	0.544	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.6	4.32	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.6	3.23	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-13 Date Collected: 04/30/25 18:40

Client ID: EB-SO-250430 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY RD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	87		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	74		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	92		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	91		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	70		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	77		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	56		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	62		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	91		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	77		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	74		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/06/25 12:41
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/04/25 14:40

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 13 Batch: WG2062162-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	0.528
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.360
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	0.912
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.248
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.208
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.240
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.136
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.264
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	4.82
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.200
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.264
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.264
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.208
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	1.22
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.200
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.480
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.176
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.136
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.096
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.480
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.216
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.184
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	1.60
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	0.376
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.240

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/06/25 12:41
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/04/25 14:40

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 13 Batch: WG2062162-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	0.440
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	0.448
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.224
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.352
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.10
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.248
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.360
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.328
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.544
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	0.536
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	4.26
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	3.18

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/06/25 12:41
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/04/25 14:40

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 13 Batch: WG2062162-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	**154**	Q	5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	**160**	Q	40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	**155**	Q	40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	143		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	**168**	Q	40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	**152**	Q	40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	**154**	Q	40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	**160**	Q	40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	133		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	**156**	Q	40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	**148**	Q	40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	**140**	Q	40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	128		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	118		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	**151**	Q	30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	**159**	Q	40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	121		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	129		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	112		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	**174**	Q	40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	110		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	126		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	**139**	Q	10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	**145**	Q	10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/20/25 13:14
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 05/20/25 07:15
Cleanup Method: EPA 1633
Cleanup Date: 05/20/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-12 Batch: WG2068713-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	0.034	J	ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/20/25 13:14
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 05/20/25 07:15
Cleanup Method: EPA 1633
Cleanup Date: 05/20/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-12 Batch: WG2068713-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/20/25 13:14
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 05/20/25 07:15
Cleanup Method: EPA 1633
Cleanup Date: 05/20/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-12 Batch: WG2068713-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	99		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	101		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	101		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	95		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	104		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	96		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	96		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	96		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	92		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	88		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	104		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	98		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	94		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	103		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	108		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	94		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	86		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	87		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	89		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	91		15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2062162-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	111		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	115		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	130		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	111		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	119		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	110		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	121		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	116		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	114		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	127		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	116		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	98		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	111		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	110		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	103		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	112		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	123		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	108		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	106		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	108		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2062162-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	112		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	98		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	104		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	116		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	**165**	Q	-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	109		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	120		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	111		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	101		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	96		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	107		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	106		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	108		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	115		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	114		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	118		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	121		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	123		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	94		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2062162-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	129				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	**136**	Q			40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	123				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	113				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	**141**	Q			40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	126				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	129				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	120				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	99				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	**141**	Q			40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	118				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	122				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	109				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	76				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	117				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	117				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	112				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	100				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	**153**	Q			40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	87				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	107				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	113				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	124				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2062162-3								
Perfluorobutanoic Acid (PFBA)	103		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	106		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	104		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	110		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	105		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	112		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	105		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	106		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	106		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	111		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	108		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	97		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	96		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	107		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	102		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	108		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	117		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	112		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	96		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2062162-3								
Perfluorododecanoic Acid (PFDoA)	105		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	91		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	110		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	116		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	113		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	96		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	110		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	100		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	102		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	97		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	104		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	101		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	108		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	108		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	116		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	113		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	111		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	107		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	85		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2062162-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	120				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	119				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	112				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	99				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	122				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	125				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	111				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	110				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	125				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	124				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	109				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	86				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	106				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	109				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	111				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	95				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	121				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	97				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	114				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	114				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	**131**	Q			10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-12 Batch: WG2068713-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	105		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	105		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	108		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	119		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	102		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	109		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	110		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	108		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	95		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	124		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	116		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	104		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	121		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	113		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	107		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	101		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	115		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	107		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	102		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	105		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	87		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-12 Batch: WG2068713-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	110		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	103		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	100		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	106		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	121		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	110		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	126		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	117		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	105		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	105		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	107		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	110		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	98		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	104		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	99		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	89		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	95		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	93		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	92		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-12 Batch: WG2068713-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	99				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	106				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	93				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	104				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	104				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	101				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	103				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	93				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	86				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	95				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	102				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	99				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	106				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	103				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	104				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	93				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	92				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	95				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	98				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	101				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-12 Batch: WG2068713-3								
Perfluorobutanoic Acid (PFBA)	97		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	105		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	99		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	108		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	107		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	107		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	101		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	96		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	113		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	96		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	104		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	95		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	108		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	114		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	96		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	102		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	108		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	99		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	107		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	102		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-12 Batch: WG2068713-3								
Perfluorododecanoic Acid (PFDoA)	104		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	104		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	105		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	106		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	117		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	96		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	108		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	113		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	91		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	91		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	110		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	112		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	98		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	107		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	107		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	94		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	91		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	98		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	93		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-12 Batch: WG2068713-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	101				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	102				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	93				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	89				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	99				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	101				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	95				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	111				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	101				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	97				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	101				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	98				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	101				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	101				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	94				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	95				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	96				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	101				15-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG2068713-4 WG2068713-5 QC Sample: L2527006-11 Client ID: G12-0-0.2												
Perfluorobutanoic Acid (PFBA)	0.035J	7.92	8.04	101		8.10	101		70-140	1		30
Perfluoropentanoic Acid (PFPeA)	ND	3.96	4.08	103		4.11	103		60-150	1		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.76	1.91	109		1.85	105		65-145	3		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	7.42	7.78	105		8.25	111		60-150	6		30
Perfluorohexanoic Acid (PFHxA)	ND	1.98	2.02	102		1.94	98		65-140	4		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.86	1.99	107		1.88	100		55-160	6		30
Perfluoroheptanoic Acid (PFHpA)	0.026JF	1.98	1.96	98		2.20	109		65-145	12		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.81	1.98	109		1.89	104		60-150	5		30
Perfluorooctanoic Acid (PFOA)	0.046J	1.98	2.04	101		2.09	103		70-150	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	7.53	8.53	113		9.01	119		55-200	5		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.88	2.09	111		2.05	108		65-155	2		30
Perfluorononanoic Acid (PFNA)	0.075J	1.98	2.09	102		2.19	106		70-155	5		30
Perfluorooctanesulfonic Acid (PFOS)	4.75	1.84	6.92	118		6.95	119		65-160	0		30
Perfluorodecanoic Acid (PFDA)	0.202	1.98	2.21	101		2.25	103		70-155	2		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.6	7.75	102		8.93	117		70-150	14		30
Perfluorononanesulfonic Acid (PFNS)	0.050J	1.91	1.96	100		2.03	103		55-140	4		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.98	2.30	116		2.24	113		65-155	3		30
Perfluoroundecanoic Acid (PFUnA)	0.235	1.98	2.50	114		2.39	108		70-155	4		30
Perfluorodecanesulfonic Acid (PFDS)	0.121J	1.91	2.15	106		2.17	107		40-155	1		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG2068713-4 WG2068713-5 QC Sample: L2527006-11 Client ID: G12-0-0.2												
Perfluorooctanesulfonamide (PFOSA)	0.025JF	1.98	2.33	116		2.28	113		70-140	2		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.131J	1.98	2.56	123		2.32	110		65-165	10		30
Perfluorododecanoic Acid (PFDoA)	0.121J	1.98	2.24	107		2.38	113		70-150	6		30
Perfluorotridecanoic Acid (PFTrDA)	0.077J	1.98	2.07	101		2.23	108		65-150	7		30
Perfluorotetradecanoic Acid (PFTeDA)	0.052J	1.98	2.01	99		2.21	108		65-150	9		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	7.92	8.32	105		7.84	99		70-145	6		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	7.48	8.43	113		8.84	118		70-160	5		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	1.92	1.83	95		1.94	100		25-160	6		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	7.39	8.03	109		8.25	111		70-150	3		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	7.47	7.66	103		7.95	106		45-160	4		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.98	2.07	105		1.98	100		70-155	4		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.98	2.06	104		2.01	101		70-140	2		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	19.8	20.7	105		21.4	108		70-140	3		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	19.8	20.8	105		21.5	108		70-135	3		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.96	3.82	97		3.92	99		30-140	3		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.96	4.16	105		4.26	107		60-150	2		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.53	4.27	121		3.87	109		70-140	10		30
Nonafluoro-3,6-Dioxaheptanoic	ND	3.96	3.89	98		3.72	94		60-155	4		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG2068713-4 WG2068713-5 QC Sample: L2527006-11 Client ID: G12-0-0.2												
Acid (NFDHA)												
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	9.9	8.31	84		8.42	85		45-130	1		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	49.5	56.0	113		52.2	105		60-130	7		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	49.5	49.4	100		50.4	101		60-150	2		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	181		161		40-275
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	100		93		40-165
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	121		118		40-215
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	76		77		10-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	122		143		40-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	100		97		15-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	79		81		10-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	117		127		40-135
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	100		98		20-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	102		101		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	89		92		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	100		96		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		95		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	102		103		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	106		103		40-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	97		98		40-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG2068713-4 WG2068713-5 QC Sample: L2527006-11 Client ID: G12-0-0.2

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	118		105		40-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	108		97		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	100		87		20-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	100		100		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	105		98		35-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94		91		40-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	97		94		40-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	101		102		40-130

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-01
Client ID: I15-0-0.2
Sample Location: 850 DOBBS FERRY RD
Sample Depth:
Matrix: Soil

Date Collected: 04/30/25 12:55
Date Received: 05/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	76.0		%	0.100	0.100	1	-	05/04/25 13:36	121,2540G	SER

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-02
Client ID: I01-0-0.2
Sample Location: 850 DOBBS FERRY RD
Sample Depth:
Matrix: Soil

Date Collected: 04/30/25 15:30
Date Received: 05/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	73.7		%	0.100	0.100	1	-	05/04/25 13:36	121,2540G	SER

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-03
Client ID: A04-0-0.2
Sample Location: 850 DOBBS FERRY RD
Sample Depth:
Matrix: Soil

Date Collected: 04/30/25 15:45
Date Received: 05/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	77.3		%	0.100	0.100	1	-	05/04/25 13:36	121,2540G	SER

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-04
Client ID: C05-0-0.2
Sample Location: 850 DOBBS FERRY RD
Sample Depth:
Matrix: Soil

Date Collected: 04/30/25 17:12
Date Received: 05/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	87.2		%	0.100	0.100	1	-	05/04/25 13:36	121,2540G	SER

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-05
Client ID: G05-0-0.2
Sample Location: 850 DOBBS FERRY RD
Sample Depth:
Matrix: Soil

Date Collected: 04/30/25 17:20
Date Received: 05/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	90.3		%	0.100	0.100	1	-	05/04/25 13:36	121,2540G	SER

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-06
Client ID: E08-0-0.2
Sample Location: 850 DOBBS FERRY RD
Sample Depth:
Matrix: Soil

Date Collected: 04/30/25 17:38
Date Received: 05/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	81.4		%	0.100	0.100	1	-	05/04/25 13:36	121,2540G	SER

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-07
Client ID: C13-0-0.2
Sample Location: 850 DOBBS FERRY RD
Sample Depth:
Matrix: Soil

Date Collected: 04/30/25 17:50
Date Received: 05/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	78.6		%	0.100	0.100	1	-	05/04/25 13:36	121,2540G	SER

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-08
Client ID: A09-0-0.2
Sample Location: 850 DOBBS FERRY RD
Sample Depth:
Matrix: Soil

Date Collected: 04/30/25 18:05
Date Received: 05/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	81.0		%	0.100	0.100	1	-	05/04/25 13:36	121,2540G	SER

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-09
Client ID: DUP-02-250430
Sample Location: 850 DOBBS FERRY RD
Sample Depth:
Matrix: Soil

Date Collected: 04/30/25 18:10
Date Received: 05/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	81.5		%	0.100	0.100	1	-	05/04/25 13:36	121,2540G	SER

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-10
Client ID: A13-0-0.2
Sample Location: 850 DOBBS FERRY RD
Sample Depth:
Matrix: Soil

Date Collected: 04/30/25 18:15
Date Received: 05/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	86.0		%	0.100	0.100	1	-	05/04/25 13:36	121,2540G	SER

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-11
Client ID: G12-0-0.2
Sample Location: 850 DOBBS FERRY RD
Sample Depth:
Matrix: Soil

Date Collected: 04/30/25 18:20
Date Received: 05/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	92.7		%	0.100	0.100	1	-	05/04/25 13:36	121,2540G	SER

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

SAMPLE RESULTS

Lab ID: L2527006-12
Client ID: I08-0-0.2
Sample Location: 850 DOBBS FERRY RD

Date Collected: 04/30/25 18:35
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	62.1		%	0.100	0.100	1	-	05/04/25 13:36	121,2540G	SER

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001.004B

Lab Number: L2527006

Report Date: 05/21/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG2062179-1 QC Sample: L2527006-11 Client ID: G12-0-0.2						
Solids, Total	92.7	91.8	%	1		10

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2527006-01A	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(90)
L2527006-01B	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		A2-TS(7)
L2527006-02A	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(90)
L2527006-02B	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		A2-TS(7)
L2527006-03A	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(90)
L2527006-03B	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		A2-TS(7)
L2527006-04A	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(90)
L2527006-04B	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		A2-TS(7)
L2527006-05A	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(90)
L2527006-05B	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		A2-TS(7)
L2527006-06A	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(90)
L2527006-06B	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		A2-TS(7)
L2527006-07A	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(90)
L2527006-07B	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		A2-TS(7)
L2527006-08A	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(90)
L2527006-08B	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		A2-TS(7)
L2527006-09A	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(90)
L2527006-09B	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		A2-TS(7)
L2527006-10A	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(90)
L2527006-10B	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		A2-TS(7)
L2527006-11A	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(90)
L2527006-11A1	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(90)
L2527006-11A2	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(90)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2527006-11B	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		A2-TS(7)
L2527006-11B1	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		A2-TS(7)
L2527006-11B2	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		A2-TS(7)
L2527006-12A	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(90)
L2527006-12B	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		A2-TS(7)
L2527006-13A	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(28)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527006
Report Date: 05/21/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2527006
Project Number:	CV04.001.004B	**Report Date:**	05/21/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2527006
Project Number:	CV04.001.004B	**Report Date:**	05/21/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2527006
Project Number:	CV04.001.004B	**Report Date:**	05/21/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527006

Project Number: CV04.001.004B **Report Date:** 05/21/25

REFERENCES

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 5/2/25

ALPHA Job #: L2527006

Client Information
Client: Terraphase Engineering
Address: 1100 E. Hector St. Ste400
Conshohocken, PA 19428
Phone: 201-552-0224
Fax:
Email: nicholas.krasnecky@terraphase.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Rd.
Project # CV04.001.004B
(Use Project name as Project #) ☐
Project Manager: Nick Krasnecky
ALPHAQuote #: 29992

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other NYS Analytical Services Protocol

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO # cat. B

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Please send EDD to EDD@terraphase.com

Please specify Metals or TAL.

ANALYSIS
PFAS via 1633

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PFAS via 1633	Sample Specific Comments
27006-01	I15-0-0.2	4/30/25	1255	SO	EEJ	X	
-02	I01-0-0.2		1530			X	
-03	A04-0-0.2		1545			X	
-04	C05-0-0.2		1712			X	
-05	G05-0-0.2		1720			X	
-06	E08-0-0.2		1738			X	
-07	C13-0-0.2		1750			X	
-08	A09-0-0.2		1805			X	
-09	DUP-02		1810			X	
-10	A13-0-0.2		1815			X	

Container Type: P
Preservative: A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Ellie Johnston TEL	5/1/25	(PACE)	5/1/25 (16:00)
(PACE)	5/1/25 (16:03)	Paul Mazzella	5/1/25 1605
Paul Mazzella	5/1/25		5-1-25 2045
	5-1-25 2330		05/01/25-23 30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

PACE 5/2/25 0657 Rec'd 5/2/25 0657 5/2 0500 PACE 5/2/25 0520

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 5/2/25

ALPHA Job #: L2527006

Client Information
Client: Terraphase Engineering
Address: 1100 E. Hector St. Ste400
Conshohocken, PA 19428
Phone: 201-552-0224
Fax:
Email: nicholas.krasnecky@terraphase.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Rd.
Project #: CV04.001.004B
(Use Project name as Project #) ☐
Project Manager: Nick Krasnecky
ALPHAQuote #: 29992

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other NYS Analytical services protocol Cat. B

Regulatory Requirement
☐ NY TOGS ☐ NY Part375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Please send EDD to EDD@terraphase.com

Please specify Metals or TAL.

ANALYSIS
PFAS via 1633

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PFAS via 1633	Sample Specific Comments
-11	G12-0-0.2	4/30/25	1820	SO	EEJ	X	
-12	G12-0-0.2 MS	4/30/25	1820	SO	EEJ	X	
-13	G12-0-0.2 MSD	4/30/25	1820	SO	EEJ	X	
-14	I08-0-0.2	4/30/25	1835	SO	EEJ	X	
-15	EB-SO-250430.	4/30/25	1840	GW	EEJ	X	

Ellie Johnston 5/1/25

Container Type: P
Preservative: A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Ellie Johnston TE1	5/1/25 @	(PACE)	5/1/25 (16:40)
(PACE)	5/1/25 (16:03)	Paul Mazzella	5/1/25 16:3
Paul Mazzella	5/1/25		5-1-25 2045
	5-1-25 2330		05101125-2330

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONSTANTS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Ref. PACE 5/2/25 0657

Rec B 5/2/25 06:57

SIC 0500 PACE 5/2/25 0500

ANALYTICAL REPORT

Lab Number:	L2527011
Client:	Terraphase Engineering Inc. 222 International Drive Suite 150 Portsmouth, NH 03801
ATTN:	Nicholas Krasnecky
Phone:	(858) 385-0022
Project Name:	ELMWOOD PRESERVE
Project Number:	CV04.001.004B
Report Date:	05/30/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2527011-01	RMW-03-250501	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	05/01/25 08:30	05/01/25
L2527011-02	DUP-01-250501	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	05/01/25 08:40	05/01/25
L2527011-03	RMW-07-250501	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	05/01/25 11:00	05/01/25
L2527011-04	RMW-10-250501	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	05/01/25 13:05	05/01/25
L2527011-05	EB-GW-250501	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	05/01/25 14:00	05/01/25
L2527011-06	TB-250501	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	05/01/25 15:55	05/01/25
L2527011-07	EB-GW-250501 DISSOLVED	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	05/01/25 14:00	05/01/25
L2527011-08	MW-11D-250430-UF	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	04/30/25 12:00	04/30/25
L2527011-09	MW-11D-250430-F	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	04/30/25 12:00	04/30/25
L2527011-10	MW-09D-250430-UF	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	04/30/25 14:45	04/30/25
L2527011-11	MW-09D-250430-F	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	04/30/25 14:45	04/30/25
L2527011-12	TB-250430	WATER	850 DOBBS FERRY ROAD, WHITE PLAINS, NY	04/30/25 14:45	04/30/25

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2527011
Project Number:	CV04.001.004B	**Report Date:**	05/30/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2527011
Project Number:	CV04.001.004B	**Report Date:**	05/30/25

Case Narrative (continued)

Report Submission

May 30, 2025: This final report includes the results of all requested analyses.

May 21, 2025: This is a preliminary report.

May 20, 2025: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2527011-06: At the client's request, the sample was placed on hold.

Semivolatile Organics

The WG2063576-3 LCSD recovery associated with L2527011-05, -08, and -10 is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Perfluorinated Alkyl Acids by 1633

L2527011-03: The Extracted Internal Standard recoveries were above the acceptance criteria for perfluoro[13c5]pentanoic acid (m5pfpea) (142%), perfluoro[1,2,3,4-13c4]heptanoic acid (m4pfhpa) (155%) and 2,3,3,3-tetrafluoro-2-[1,1,2,2,3,3,3-heptafluoropropoxy]-13c3-propanoic acid (m3hfpo-da) (139%); however, any associated target analytes detected above the RL are not reported from this analysis.

L2527011-04: The Extracted Internal Standard recovery was above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (222%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2527011-10: The Extracted Internal Standard recovery was above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (205%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2527011
Project Number:	CV04.001.004B	**Report Date:**	05/30/25

Case Narrative (continued)

WG2062162-1: The Extracted Internal Standard recoveries were above the acceptance criteria for perfluoro[13c4]butanoic acid (mpfba) (154%), perfluoro[13c5]pentanoic acid (m5pfpea) (160%), perfluoro[2,3,4-13c3]butanesulfonic acid (m3pfbs) (155%), perfluoro[1,2,3,4,6-13c5]hexanoic acid (m5pfhxa) (168%), perfluoro[1,2,3,4-13c4]heptanoic acid (m4pfhpa) (152%), perfluoro[1,2,3-13c3]hexanesulfonic acid (m3pfhxs) (154%), perfluoro[13c8]octanoic acid (m8pfoa) (160%), perfluoro[13c9]nonanoic acid (m9pfna) (156%), perfluoro[13c8]octanesulfonic acid (m8pfos) (148%), perfluoro[1,2,3,4,5,6-13c6]decanoic acid (m6pfda) (140%), perfluoro[1,2,3,4,5,6,7-13c7]undecanoic acid (m7-pfuda) (151%), perfluoro[13c8]octanesulfonamide (m8fosa) (159%), 2,3,3,3-tetrafluoro-2-[1,1,2,2,3,3,3-heptafluoropropoxy]-13c3-propanoic acid (m3hfpo-da) (174%), 2-(n-methyl-d3-perfluoro-1-octanesulfonamido)ethan-d4-ol (d7-nmefose) (139%) and 2-(n-ethyl-d5-perfluoro-1-octanesulfonamido)ethan-d4-ol (d9-netfose) (145%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

The WG2062162-2 LCS recovery associated with L2527011-01, -02, -03, -03D, -08, and -10 is above the acceptance criteria for 4,8-dioxa-3h-perfluorononanoic acid (adona) (165%); however, the associated samples are non-detect to the reporting limit for this target analyte. The results of the original analysis are reported.

The Extracted Internal Standard recovery for the WG2062162-2 LCS associated with L2527011-01, -02, -03, -03D, -08, and -10 is outside the acceptance criteria for perfluoro[13c5]pentanoic acid (m5pfpea) (136%), perfluoro[1,2,3,4,6-13c5]hexanoic acid (m5pfhxa) (141%), perfluoro[13c9]nonanoic acid (m9pfna) (141%) and 2,3,3,3-tetrafluoro-2-[1,1,2,2,3,3,3-heptafluoropropoxy]-13c3-propanoic acid (m3hfpo-da) (153%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.

WG2062162-3R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

The Extracted Internal Standard recovery for the WG2062162-3R LCS associated with L2527011-01, -02, -03, -03D, -08, and -10 is outside the acceptance criteria for 2-(n-ethyl-d5-perfluoro-1-octanesulfonamido)ethan-d4-ol (d9-netfose) (131%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.

The Extracted Internal Standard recovery for the WG2067867-4 MS performed on L2527011-04 is outside the

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2527011
Project Number:	CV04.001.004B	**Report Date:**	05/30/25

Case Narrative (continued)

acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (205%). The associated MS spike compounds are within criteria; therefore, no further action was taken.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 05/30/25

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01 Date Collected: 05/01/25 08:30

Client ID: RMW-03-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 05/15/25 11:28

Analyst: MAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01 Date Collected: 05/01/25 08:30

Client ID: RMW-03-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01 Date Collected: 05/01/25 08:30

Client ID: RMW-03-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	114		70-130

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02
Client ID: DUP-01-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 05/01/25 08:40
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/15/25 11:52
Analyst: MAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02 Date Collected: 05/01/25 08:40

Client ID: DUP-01-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02 Date Collected: 05/01/25 08:40

Client ID: DUP-01-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	112		70-130

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03
Client ID: RMW-07-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 05/01/25 11:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/14/25 15:45
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03 Date Collected: 05/01/25 11:00

Client ID: RMW-07-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03 Date Collected: 05/01/25 11:00

Client ID: RMW-07-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	118		70-130

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05
Client ID: EB-GW-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 14:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/14/25 16:11
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	5.3		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	1.2		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05 Date Collected: 05/01/25 14:00

Client ID: EB-GW-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05 Date Collected: 05/01/25 14:00

Client ID: EB-GW-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	121		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08
Client ID: MW-11D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 04/30/25 12:00
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/13/25 16:45
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08 Date Collected: 04/30/25 12:00

Client ID: MW-11D-250430-UF Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.1	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08 Date Collected: 04/30/25 12:00

Client ID: MW-11D-250430-UF Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	115		70-130

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10
Client ID: MW-09D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 04/30/25 14:45
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/13/25 17:12
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10 Date Collected: 04/30/25 14:45

Client ID: MW-09D-250430-UF Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	12		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10 Date Collected: 04/30/25 14:45

Client ID: MW-09D-250430-UF Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	115		70-130

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-12
Client ID: TB-250430
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 04/30/25 14:45
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/14/25 22:56
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-12 Date Collected: 04/30/25 14:45

Client ID: TB-250430 Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-12 Date Collected: 04/30/25 14:45

Client ID: TB-250430 Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	121		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/13/25 13:39
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08,10 Batch: WG2066629-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/13/25 13:39
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08,10 Batch: WG2066629-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/13/25 13:39
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08,10 Batch: WG2066629-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/13/25 13:39
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08,10 Batch: WG2066629-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	114		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/25 08:39
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,05 Batch: WG2067165-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/25 08:39
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,05 Batch: WG2067165-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/25 08:39
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,05 Batch: WG2067165-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/25 08:39
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,05 Batch: WG2067165-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	117		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/25 22:01
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG2067362-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/25 22:01
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG2067362-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/25 22:01
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG2067362-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/25 22:01
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG2067362-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	121		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/15/25 09:00
Analyst: MAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG2067640-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/15/25 09:00
Analyst: MAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG2067640-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/15/25 09:00
Analyst: MAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG2067640-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/15/25 09:00
Analyst: MAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG2067640-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	125		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08,10 Batch: WG2066629-3 WG2066629-4								
Methylene chloride	98		96		70-130	2		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	94		93		70-130	1		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	96		96		63-130	0		20
1,1,2-Trichloroethane	90		89		70-130	1		20
Tetrachloroethene	100		96		70-130	4		20
Chlorobenzene	93		92		75-130	1		20
Trichlorofluoromethane	98		92		62-150	6		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	97		93		67-130	4		20
Bromodichloromethane	94		93		67-130	1		20
trans-1,3-Dichloropropene	80		79		70-130	1		20
cis-1,3-Dichloropropene	92		91		70-130	1		20
1,1-Dichloropropene	98		94		70-130	4		20
Bromoform	90		90		54-136	0		20
1,1,2,2-Tetrachloroethane	90		87		67-130	3		20
Benzene	97		96		70-130	1		20
Toluene	88		88		70-130	0		20
Ethylbenzene	82		81		70-130	1		20
Chloromethane	110		110		64-130	0		20
Bromomethane	**38**	Q	39		39-139	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08,10 Batch: WG2066629-3 WG2066629-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	92		90		55-138	2		20
1,1-Dichloroethene	97		93		61-145	4		20
trans-1,2-Dichloroethene	99		96		70-130	3		20
Trichloroethene	98		96		70-130	2		20
1,2-Dichlorobenzene	92		93		70-130	1		20
1,3-Dichlorobenzene	93		92		70-130	1		20
1,4-Dichlorobenzene	90		91		70-130	1		20
Methyl tert butyl ether	91		90		63-130	1		20
p/m-Xylene	90		85		70-130	6		20
o-Xylene	85		85		70-130	0		20
cis-1,2-Dichloroethene	99		97		70-130	2		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	84		82		64-130	2		20
Acrylonitrile	130		130		70-130	0		20
Styrene	85		85		70-130	0		20
Dichlorodifluoromethane	97		92		36-147	5		20
Acetone	130		110		58-148	17		20
Carbon disulfide	100		96		51-130	4		20
2-Butanone	130		130		63-138	0		20
Vinyl acetate	**140**	Q	**140**	Q	70-130	0		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	96		96		57-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08,10 Batch: WG2066629-3 WG2066629-4								
Bromochloromethane	120		110		70-130	9		20
2,2-Dichloropropane	80		77		63-133	4		20
1,2-Dibromoethane	94		92		70-130	2		20
1,3-Dichloropropane	90		89		70-130	1		20
1,1,1,2-Tetrachloroethane	91		90		64-130	1		20
Bromobenzene	92		93		70-130	1		20
n-Butylbenzene	77		76		53-136	1		20
sec-Butylbenzene	82		81		70-130	1		20
tert-Butylbenzene	84		84		70-130	0		20
o-Chlorotoluene	79		80		70-130	1		20
p-Chlorotoluene	79		78		70-130	1		20
1,2-Dibromo-3-chloropropane	90		89		41-144	1		20
Hexachlorobutadiene	85		87		63-130	2		20
Isopropylbenzene	82		81		70-130	1		20
p-Isopropyltoluene	84		81		70-130	4		20
Naphthalene	71		73		70-130	3		20
n-Propylbenzene	78		77		69-130	1		20
1,2,3-Trichlorobenzene	74		75		70-130	1		20
1,2,4-Trichlorobenzene	81		82		70-130	1		20
1,3,5-Trimethylbenzene	82		80		64-130	2		20
1,2,4-Trimethylbenzene	81		80		70-130	1		20
1,4-Dioxane	100		80		56-162	**22**	Q	20
p-Diethylbenzene	81		80		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08,10 Batch: WG2066629-3 WG2066629-4								
p-Ethyltoluene	83		82		70-130	1		20
1,2,4,5-Tetramethylbenzene	73		73		70-130	0		20
Ethyl ether	93		91		59-134	2		20
trans-1,4-Dichloro-2-butene	90		80		70-130	12		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		110		70-130
Toluene-d8	95		96		70-130
4-Bromofluorobenzene	88		89		70-130
Dibromofluoromethane	111		109		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05 Batch: WG2067165-3 WG2067165-4								
Methylene chloride	110		94		70-130	16		20
1,1-Dichloroethane	120		100		70-130	18		20
Chloroform	110		90		70-130	20		20
Carbon tetrachloride	120		98		63-132	20		20
1,2-Dichloropropane	120		96		70-130	**22**	Q	20
Dibromochloromethane	110		96		63-130	14		20
1,1,2-Trichloroethane	100		90		70-130	11		20
Tetrachloroethene	120		98		70-130	20		20
Chlorobenzene	120		93		75-130	**25**	Q	20
Trichlorofluoromethane	110		94		62-150	16		20
1,2-Dichloroethane	120		100		70-130	18		20
1,1,1-Trichloroethane	110		91		67-130	19		20
Bromodichloromethane	110		90		67-130	20		20
trans-1,3-Dichloropropene	96		81		70-130	17		20
cis-1,3-Dichloropropene	100		89		70-130	12		20
1,1-Dichloropropene	110		89		70-130	**21**	Q	20
Bromoform	97		88		54-136	10		20
1,1,2,2-Tetrachloroethane	94		87		67-130	8		20
Benzene	110		94		70-130	16		20
Toluene	110		88		70-130	**22**	Q	20
Ethylbenzene	100		82		70-130	20		20
Chloromethane	120		98		64-130	20		20
Bromomethane	77		57		39-139	**30**	Q	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05 Batch: WG2067165-3 WG2067165-4								
Vinyl chloride	120		100		55-140	18		20
Chloroethane	110		92		55-138	18		20
1,1-Dichloroethene	110		92		61-145	18		20
trans-1,2-Dichloroethene	120		93		70-130	**25**	Q	20
Trichloroethene	110		95		70-130	15		20
1,2-Dichlorobenzene	110		91		70-130	19		20
1,3-Dichlorobenzene	110		92		70-130	18		20
1,4-Dichlorobenzene	110		92		70-130	18		20
Methyl tert butyl ether	91		81		63-130	12		20
p/m-Xylene	110		90		70-130	20		20
o-Xylene	105		85		70-130	**21**	Q	20
cis-1,2-Dichloroethene	110		94		70-130	16		20
Dibromomethane	110		100		70-130	10		20
1,2,3-Trichloropropane	88		84		64-130	5		20
Acrylonitrile	130		130		70-130	0		20
Styrene	110		85		70-130	**26**	Q	20
Dichlorodifluoromethane	110		89		36-147	**21**	Q	20
Acetone	110		110		58-148	0		20
Carbon disulfide	120		96		51-130	**22**	Q	20
2-Butanone	110		110		63-138	0		20
Vinyl acetate	**140**	Q	130		70-130	7		20
4-Methyl-2-pentanone	99		95		59-130	4		20
2-Hexanone	91		94		57-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05 Batch: WG2067165-3 WG2067165-4								
Bromochloromethane	130		110		70-130	17		20
2,2-Dichloropropane	100		87		63-133	14		20
1,2-Dibromoethane	100		93		70-130	7		20
1,3-Dichloropropane	100		89		70-130	12		20
1,1,1,2-Tetrachloroethane	120		92		64-130	**26**	Q	20
Bromobenzene	110		91		70-130	19		20
n-Butylbenzene	95		76		53-136	**22**	Q	20
sec-Butylbenzene	100		81		70-130	**21**	Q	20
tert-Butylbenzene	100		81		70-130	**21**	Q	20
o-Chlorotoluene	95		78		70-130	20		20
p-Chlorotoluene	97		79		70-130	20		20
1,2-Dibromo-3-chloropropane	92		88		41-144	4		20
Hexachlorobutadiene	100		91		63-130	9		20
Isopropylbenzene	97		78		70-130	**22**	Q	20
p-Isopropyltoluene	100		80		70-130	**22**	Q	20
Naphthalene	**64**	Q	**64**	Q	70-130	0		20
n-Propylbenzene	96		76		69-130	**23**	Q	20
1,2,3-Trichlorobenzene	77		71		70-130	8		20
1,2,4-Trichlorobenzene	87		78		70-130	11		20
1,3,5-Trimethylbenzene	100		80		64-130	**22**	Q	20
1,2,4-Trimethylbenzene	98		79		70-130	**21**	Q	20
1,4-Dioxane	92		82		56-162	11		20
p-Diethylbenzene	99		80		70-130	**21**	Q	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05 Batch: WG2067165-3 WG2067165-4								
p-Ethyltoluene	100		82		70-130	20		20
1,2,4,5-Tetramethylbenzene	86		**67**	Q	70-130	**25**	Q	20
Ethyl ether	100		92		59-134	8		20
trans-1,4-Dichloro-2-butene	91		82		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		115		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	84		86		70-130
Dibromofluoromethane	109		112		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG2067362-3 WG2067362-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		99		70-130	1		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	98		96		70-130	2		20
Dibromochloromethane	89		94		63-130	5		20
1,1,2-Trichloroethane	88		93		70-130	6		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	130		120		62-150	8		20
1,2-Dichloroethane	96		98		70-130	2		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	89		92		70-130	3		20
cis-1,3-Dichloropropene	100		110		70-130	10		20
1,1-Dichloropropene	110		100		70-130	10		20
Bromoform	90		100		54-136	11		20
1,1,2,2-Tetrachloroethane	84		97		67-130	14		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	100		97		64-130	3		20
Bromomethane	120		120		39-139	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG2067362-3 WG2067362-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	98		110		70-130	12		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	92		97		63-130	5		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		96		70-130	4		20
Dibromomethane	97		100		70-130	3		20
1,2,3-Trichloropropane	84		98		64-130	15		20
Acrylonitrile	89		88		70-130	1		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	79		80		58-148	1		20
Carbon disulfide	100		98		51-130	2		20
2-Butanone	**61**	Q	74		63-138	19		20
Vinyl acetate	84		90		70-130	7		20
4-Methyl-2-pentanone	70		77		59-130	10		20
2-Hexanone	62		71		57-130	14		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG2067362-3 WG2067362-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	130		130		63-133	0		20
1,2-Dibromoethane	88		93		70-130	6		20
1,3-Dichloropropane	90		93		70-130	3		20
1,1,1,2-Tetrachloroethane	96		97		64-130	1		20
Bromobenzene	97		100		70-130	3		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	100		110		70-130	10		20
o-Chlorotoluene	99		100		70-130	1		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	84		95		41-144	12		20
Hexachlorobutadiene	120		130		63-130	8		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	100		110		70-130	10		20
Naphthalene	85		100		70-130	16		20
n-Propylbenzene	100		110		69-130	10		20
1,2,3-Trichlorobenzene	100		120		70-130	18		20
1,2,4-Trichlorobenzene	100		120		70-130	18		20
1,3,5-Trimethylbenzene	100		110		64-130	10		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	**44**	Q	**40**	Q	56-162	10		20
p-Diethylbenzene	99		100		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG2067362-3 WG2067362-4								
p-Ethyltoluene	100		110		70-130	10		20
1,2,4,5-Tetramethylbenzene	96		100		70-130	4		20
Ethyl ether	100		110		59-134	10		20
trans-1,4-Dichloro-2-butene	78		87		70-130	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		111		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	92		98		70-130
Dibromofluoromethane	103		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG2067640-3 WG2067640-4								
Methylene chloride	98		97		70-130	1		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		99		63-132	1		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	86		83		63-130	4		20
1,1,2-Trichloroethane	99		94		70-130	5		20
Tetrachloroethene	82		76		70-130	8		20
Chlorobenzene	99		94		75-130	5		20
Trichlorofluoromethane	88		88		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	98		97		67-130	1		20
Bromodichloromethane	95		95		67-130	0		20
trans-1,3-Dichloropropene	92		86		70-130	7		20
cis-1,3-Dichloropropene	88		89		70-130	1		20
1,1-Dichloropropene	91		92		70-130	1		20
Bromoform	77		73		54-136	5		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	95		91		70-130	4		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	120		120		64-130	0		20
Bromomethane	100		100		39-139	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG2067640-3 WG2067640-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	98		110		55-138	12		20
1,1-Dichloroethene	88		92		61-145	4		20
trans-1,2-Dichloroethene	99		92		70-130	7		20
Trichloroethene	92		90		70-130	2		20
1,2-Dichlorobenzene	92		93		70-130	1		20
1,3-Dichlorobenzene	99		96		70-130	3		20
1,4-Dichlorobenzene	94		94		70-130	0		20
Methyl tert butyl ether	85		85		63-130	0		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	105		100		70-130	5		20
cis-1,2-Dichloroethene	96		96		70-130	0		20
Dibromomethane	97		97		70-130	0		20
1,2,3-Trichloropropane	120		110		64-130	9		20
Acrylonitrile	120		110		70-130	9		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	92		85		36-147	8		20
Acetone	120		130		58-148	8		20
Carbon disulfide	92		90		51-130	2		20
2-Butanone	120		120		63-138	0		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	110		110		59-130	0		20
2-Hexanone	130		120		57-130	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG2067640-3 WG2067640-4								
Bromochloromethane	91		89		70-130	2		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	94		89		70-130	5		20
1,3-Dichloropropane	100		95		70-130	5		20
1,1,1,2-Tetrachloroethane	85		80		64-130	6		20
Bromobenzene	93		89		70-130	4		20
n-Butylbenzene	120		120		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	120		120		70-130	0		20
p-Chlorotoluene	120		110		70-130	9		20
1,2-Dibromo-3-chloropropane	76		76		41-144	0		20
Hexachlorobutadiene	90		82		63-130	9		20
Isopropylbenzene	110		100		70-130	10		20
p-Isopropyltoluene	99		100		70-130	1		20
Naphthalene	84		82		70-130	2		20
n-Propylbenzene	120		120		69-130	0		20
1,2,3-Trichlorobenzene	93		87		70-130	7		20
1,2,4-Trichlorobenzene	92		89		70-130	3		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	96		90		56-162	6		20
p-Diethylbenzene	100		99		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG2067640-3 WG2067640-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	94		94		70-130	0		20
Ethyl ether	97		96		59-134	1		20
trans-1,4-Dichloro-2-butene	130		120		70-130	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	114		118		70-130
Toluene-d8	114		114		70-130
4-Bromofluorobenzene	119		123		70-130
Dibromofluoromethane	99		99		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01
Client ID: RMW-03-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 08:30
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/03/25 15:35
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/02/25 23:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01 Date Collected: 05/01/25 08:30

Client ID: RMW-03-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**20**	Q	21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	33		10-120
4-Terphenyl-d14	84		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01
Client ID: RMW-03-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 08:30
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/05/25 15:49
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/02/25 23:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01 Date Collected: 05/01/25 08:30

Client ID: RMW-03-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	21		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	29		10-120
4-Terphenyl-d14	84		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01
Client ID: RMW-03-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 08:30
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/10/25 09:47
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 05/08/25 08:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	142	32.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	47		15-110

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01
Client ID: RMW-03-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 08:30
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 15:56
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/04/25 14:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.932	J	ng/l	6.16	0.509	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.08	0.347	1
Perfluorobutanesulfonic Acid (PFBS)	0.516	J	ng/l	1.54	0.385	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.16	0.878	1
Perfluorohexanoic Acid (PFHxA)	0.416	JF	ng/l	1.54	0.239	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.54	0.200	1
Perfluoroheptanoic Acid (PFHpA)	0.609	J	ng/l	1.54	0.231	1
Perfluorohexanesulfonic Acid (PFHxS)	0.509	J	ng/l	1.54	0.131	1
Perfluorooctanoic Acid (PFOA)	5.76		ng/l	1.54	0.254	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.16	4.64	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.54	0.193	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.54	0.254	1
Perfluorooctanesulfonic Acid (PFOS)	4.16		ng/l	1.54	0.254	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.54	0.200	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.16	1.18	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.54	0.193	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.54	0.462	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.54	0.170	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.54	0.131	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.54	0.093	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.54	0.462	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.54	0.208	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.54	0.177	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.54	0.154	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.16	1.54	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.16	0.362	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.54	0.231	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01 Date Collected: 05/01/25 08:30

Client ID: RMW-03-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.16	0.424	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.16	0.432	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.54	0.216	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.54	0.339	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.4	1.26	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.4	1.06	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.08	0.239	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.08	0.347	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.08	0.316	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.08	0.524	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.71	0.516	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	38.5	4.10	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	38.5	3.07	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01 Date Collected: 05/01/25 08:30

Client ID: RMW-03-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	108		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	103		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	107		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	106		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	63		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	88		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	59		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	84		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	77		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	109		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	83		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	79		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	86		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02
Client ID: DUP-01-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 08:40
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/03/25 15:58
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/02/25 23:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02 Date Collected: 05/01/25 08:40

Client ID: DUP-01-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1
Tentatively Identified Compounds						
Total TIC Compounds	4.40	J	ug/l			1
Unknown Organic Acid	4.40	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	21		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	33		10-120
4-Terphenyl-d14	86		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02
Client ID: DUP-01-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 08:40
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/05/25 16:06
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/02/25 23:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02 Date Collected: 05/01/25 08:40

Client ID: DUP-01-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	21		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	28		10-120
4-Terphenyl-d14	86		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02
Client ID: DUP-01-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 08:40
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 17:00
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/04/25 14:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.771	J	ng/l	6.17	0.509	1
Perfluoropentanoic Acid (PFPeA)	0.370	J	ng/l	3.08	0.347	1
Perfluorobutanesulfonic Acid (PFBS)	0.632	J	ng/l	1.54	0.386	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.17	0.879	1
Perfluorohexanoic Acid (PFHxA)	0.486	J	ng/l	1.54	0.239	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.54	0.200	1
Perfluoroheptanoic Acid (PFHpA)	0.617	J	ng/l	1.54	0.231	1
Perfluorohexanesulfonic Acid (PFHxS)	0.478	J	ng/l	1.54	0.131	1
Perfluorooctanoic Acid (PFOA)	6.06		ng/l	1.54	0.254	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.17	4.64	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.54	0.193	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.54	0.254	1
Perfluorooctanesulfonic Acid (PFOS)	4.24		ng/l	1.54	0.254	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.54	0.200	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.17	1.18	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.54	0.193	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.54	0.463	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.54	0.170	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.54	0.131	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.54	0.093	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.54	0.463	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.54	0.208	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.54	0.177	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.54	0.154	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.17	1.54	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.17	0.362	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.54	0.231	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02 Date Collected: 05/01/25 08:40

Client ID: DUP-01-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.17	0.424	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.17	0.432	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.54	0.216	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.54	0.339	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.4	1.26	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.4	1.06	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.08	0.239	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.08	0.347	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.08	0.316	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.08	0.524	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.71	0.517	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	38.6	4.10	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	38.6	3.07	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02 Date Collected: 05/01/25 08:40

Client ID: DUP-01-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	106		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	107		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	110		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	109		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	116		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	104		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	98		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	67		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	79		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	109		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	79		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	88		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	84		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	91		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03
Client ID: RMW-07-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 11:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/03/25 16:20
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/02/25 23:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03 Date Collected: 05/01/25 11:00

Client ID: RMW-07-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1
Tentatively Identified Compounds						
Total TIC Compounds	4.20	J	ug/l			1
Unknown Organic Acid	4.20	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**12**	Q	21-120
Phenol-d6	15		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	20		10-120
4-Terphenyl-d14	83		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03
Client ID: RMW-07-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 05/01/25 11:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/05/25 16:22
Analyst: SLR
Extraction Method: EPA 3510C
Extraction Date: 05/02/25 23:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03 Date Collected: 05/01/25 11:00

Client ID: RMW-07-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**11**	Q	21-120
Phenol-d6	16		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	15		10-120
4-Terphenyl-d14	85		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03
Client ID: RMW-07-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 11:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/10/25 10:11
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 05/08/25 08:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	47		15-110

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03
Client ID: RMW-07-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 11:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 17:09
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/04/25 14:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.61	J	ng/l	5.95	0.491	1
Perfluoropentanoic Acid (PFPeA)	1.01	J	ng/l	2.97	0.334	1
Perfluorobutanesulfonic Acid (PFBS)	1.39	J	ng/l	1.49	0.372	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.95	0.848	1
Perfluorohexanoic Acid (PFHxA)	1.70		ng/l	1.49	0.230	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.49	0.193	1
Perfluorohexanesulfonic Acid (PFHxS)	1.43	J	ng/l	1.49	0.126	1
Perfluorooctanoic Acid (PFOA)	11.3		ng/l	1.49	0.245	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.95	4.48	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.320	J	ng/l	1.49	0.186	1
Perfluorononanoic Acid (PFNA)	0.520	J	ng/l	1.49	0.245	1
Perfluorooctanesulfonic Acid (PFOS)	9.52		ng/l	1.49	0.245	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.49	0.193	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.95	1.14	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.49	0.186	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.49	0.446	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.49	0.164	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.49	0.126	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.49	0.089	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.49	0.446	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.49	0.201	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.49	0.171	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.49	0.149	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.95	1.49	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.95	0.349	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.49	0.223	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03 Date Collected: 05/01/25 11:00

Client ID: RMW-07-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.95	0.409	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.95	0.416	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.49	0.208	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.49	0.327	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.9	1.21	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.9	1.03	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.97	0.230	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.97	0.334	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.97	0.305	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.97	0.506	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.44	0.498	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.2	3.96	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.2	2.96	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03 Date Collected: 05/01/25 11:00

Client ID: RMW-07-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	110		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	**142**	Q	40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	140		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	110		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	**155**	Q	40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	104		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	110		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	102		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	104		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	105		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	93		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	110		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	97		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	93		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	78		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	**139**	Q	40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	82		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	89		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	85		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	95		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03 D
Client ID: RMW-07-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 11:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 23:24
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/04/25 14:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	14.9	2.23	10

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03 D Date Collected: 05/01/25 11:00

Client ID: RMW-07-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	74		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	79		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	72		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	63		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	74		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	70		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	62		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	43		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	56		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	51		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	70		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	59		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	60		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	70		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-04
Client ID: RMW-10-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 13:05
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/20/25 00:04
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/17/25 10:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.02	J	ng/l	6.29	0.519	1
Perfluoropentanoic Acid (PFPeA)	1.44	J	ng/l	3.14	0.354	1
Perfluorobutanesulfonic Acid (PFBS)	1.01	J	ng/l	1.57	0.393	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.29	0.896	1
Perfluorohexanoic Acid (PFHxA)	1.71		ng/l	1.57	0.244	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.57	0.204	1
Perfluoroheptanoic Acid (PFHpA)	1.56	J	ng/l	1.57	0.236	1
Perfluorohexanesulfonic Acid (PFHxS)	0.739	J	ng/l	1.57	0.134	1
Perfluorooctanoic Acid (PFOA)	8.32		ng/l	1.57	0.259	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.29	4.73	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.57	0.196	1
Perfluorononanoic Acid (PFNA)	0.550	J	ng/l	1.57	0.259	1
Perfluorooctanesulfonic Acid (PFOS)	5.39		ng/l	1.57	0.259	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.57	0.204	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.29	1.20	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.57	0.196	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.57	0.472	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.57	0.173	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.57	0.134	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.57	0.094	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.57	0.472	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.57	0.212	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.57	0.181	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.57	0.157	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.29	1.57	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.29	0.370	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.57	0.236	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-04 Date Collected: 05/01/25 13:05

Client ID: RMW-10-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.29	0.432	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.29	0.440	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.57	0.220	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.57	0.346	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.7	1.28	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.7	1.08	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.14	0.244	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.14	0.354	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.14	0.322	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.14	0.535	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.86	0.527	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.3	4.18	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.3	3.13	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-04 Date Collected: 05/01/25 13:05

Client ID: RMW-10-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	101		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	100		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	108		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**222**	Q	40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	108		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	108		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	109		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	102		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	170		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	97		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	102		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	99		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	93		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	83		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	51		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	51		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	47		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	52		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	50		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05
Client ID: EB-GW-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 14:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/08/25 01:58
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/07/25 12:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05 Date Collected: 05/01/25 14:00

Client ID: EB-GW-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND		ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	70		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05
Client ID: EB-GW-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 14:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/08/25 19:42
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/07/25 12:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05 Date Collected: 05/01/25 14:00

Client ID: EB-GW-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	74		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05
Client ID: EB-GW-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 14:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/10/25 10:35
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 05/08/25 08:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	48		15-110

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05
Client ID: EB-GW-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 14:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/20/25 00:30
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/17/25 10:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.60	0.544	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.30	0.371	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.65	0.412	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.60	0.940	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.65	0.256	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.65	0.214	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.65	0.247	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.65	0.140	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.65	0.272	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.60	4.96	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.65	0.206	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.65	0.272	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.65	0.272	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.65	0.214	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.60	1.26	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.65	0.206	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.65	0.495	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.65	0.181	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.65	0.140	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.65	0.099	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.65	0.495	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.65	0.223	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.65	0.190	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.65	0.165	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.60	1.65	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.60	0.388	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.65	0.247	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05 Date Collected: 05/01/25 14:00

Client ID: EB-GW-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.60	0.454	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.60	0.462	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.65	0.231	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	0.742	J	ng/l	1.65	0.363	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.5	1.34	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.5	1.14	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.30	0.256	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.30	0.371	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.30	0.338	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.30	0.561	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.25	0.552	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	41.2	4.39	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	41.2	3.28	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05 Date Collected: 05/01/25 14:00

Client ID: EB-GW-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	101		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	104		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	94		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	100		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	99		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	104		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	100		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	96		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	101		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	86		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	96		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	84		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	62		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	94		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	59		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	69		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	73		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08
Client ID: MW-11D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 04/30/25 12:00
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/08/25 03:05
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/07/25 07:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08 Date Collected: 04/30/25 12:00

Client ID: MW-11D-250430-UF Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	4.10	J	ug/l			1
Unknown	4.10	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	49		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	63		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08
Client ID: MW-11D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 04/30/25 12:00
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/09/25 10:55
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/07/25 07:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08 Date Collected: 04/30/25 12:00

Client ID: MW-11D-250430-UF Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	77		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08
Client ID: MW-11D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 04/30/25 12:00
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 13:26
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/04/25 14:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.05	J	ng/l	6.51	0.537	1
Perfluoropentanoic Acid (PFPeA)	0.594	J	ng/l	3.26	0.366	1
Perfluorobutanesulfonic Acid (PFBS)	0.480	J	ng/l	1.63	0.407	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.51	0.928	1
Perfluorohexanoic Acid (PFHxA)	0.578	JF	ng/l	1.63	0.252	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.63	0.212	1
Perfluoroheptanoic Acid (PFHpA)	0.806	J	ng/l	1.63	0.244	1
Perfluorohexanesulfonic Acid (PFHxS)	0.399	J	ng/l	1.63	0.138	1
Perfluorooctanoic Acid (PFOA)	9.17		ng/l	1.63	0.269	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.51	4.90	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.63	0.204	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.63	0.269	1
Perfluorooctanesulfonic Acid (PFOS)	1.98		ng/l	1.63	0.269	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.63	0.212	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.51	1.24	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.63	0.204	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.63	0.488	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.63	0.179	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.63	0.138	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.63	0.098	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.63	0.488	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.63	0.220	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.63	0.187	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.63	0.163	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.51	1.63	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.51	0.383	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.63	0.244	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08 Date Collected: 04/30/25 12:00

Client ID: MW-11D-250430-UF Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.51	0.448	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.51	0.456	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.63	0.228	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.63	0.358	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.3	1.33	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.3	1.12	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.26	0.252	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.26	0.366	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.26	0.334	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.26	0.554	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.14	0.546	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.7	4.33	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.7	3.24	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08 Date Collected: 04/30/25 12:00

Client ID: MW-11D-250430-UF Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	106		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	109		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	100		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	153		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	118		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	118		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	109		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	146		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	96		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	99		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	104		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	83		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	88		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	107		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	74		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	75		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	75		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	89		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10
Client ID: MW-09D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 04/30/25 14:45
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/08/25 03:27
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/07/25 07:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10 Date Collected: 04/30/25 14:45

Client ID: MW-09D-250430-UF Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	72		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10
Client ID: MW-09D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 04/30/25 14:45
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/09/25 12:20
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/07/25 07:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10 Date Collected: 04/30/25 14:45

Client ID: MW-09D-250430-UF Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	85		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10
Client ID: MW-09D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 04/30/25 14:45
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 14:35
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/04/25 14:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.91	J	ng/l	5.90	0.486	1
Perfluoropentanoic Acid (PFPeA)	1.47	J	ng/l	2.95	0.332	1
Perfluorobutanesulfonic Acid (PFBS)	2.00		ng/l	1.47	0.368	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.90	0.840	1
Perfluorohexanoic Acid (PFHxA)	2.22		ng/l	1.47	0.228	1
Perfluoropentanesulfonic Acid (PFPeS)	0.427	J	ng/l	1.47	0.192	1
Perfluoroheptanoic Acid (PFHpA)	2.31		ng/l	1.47	0.221	1
Perfluorohexanesulfonic Acid (PFHxS)	2.11		ng/l	1.47	0.125	1
Perfluorooctanoic Acid (PFOA)	17.5		ng/l	1.47	0.243	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.90	4.44	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.479	J	ng/l	1.47	0.184	1
Perfluorononanoic Acid (PFNA)	0.781	J	ng/l	1.47	0.243	1
Perfluorooctanesulfonic Acid (PFOS)	7.83		ng/l	1.47	0.243	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.47	0.192	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.90	1.13	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.47	0.184	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.47	0.442	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.47	0.162	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.47	0.125	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.47	0.088	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.47	0.442	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.47	0.199	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.47	0.170	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.47	0.147	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.90	1.47	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.90	0.346	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.47	0.221	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10 Date Collected: 04/30/25 14:45

Client ID: MW-09D-250430-UF Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.90	0.405	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.90	0.413	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.47	0.206	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.47	0.324	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.7	1.20	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.7	1.02	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.95	0.228	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.95	0.332	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.95	0.302	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.95	0.501	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.37	0.494	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.8	3.92	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.8	2.93	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10 Date Collected: 04/30/25 14:45

Client ID: MW-09D-250430-UF Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	114		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	116		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	107		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**205**	Q	40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	120		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	126		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	110		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	106		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	169		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	116		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	109		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	110		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	120		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	100		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	103		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	87		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	101		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	73		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	116		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	84		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	93		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	88		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	100		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/03/25 08:23
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/02/25 23:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2061848-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/03/25 08:23
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/02/25 23:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2061848-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/03/25 08:23
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/02/25 23:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2061848-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	6.90	J	ug/l
Unknown Organic Acid	6.90	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	77		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/05/25 11:03
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/02/25 23:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG2061849-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.06	J	ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	0.07	J	ug/l	0.10	0.03
Benzo(a)pyrene	0.07	J	ug/l	0.10	0.02
Benzo(b)fluoranthene	0.06	J	ug/l	0.10	0.03
Benzo(k)fluoranthene	0.07	J	ug/l	0.10	0.03
Chrysene	0.05	J	ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	0.03	J	ug/l	0.10	0.02
Benzo(ghi)perylene	0.07	J	ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	0.06	J	ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	0.07	J	ug/l	0.10	0.02
Pyrene	0.06	J	ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/05/25 11:03
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/02/25 23:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG2061849-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	83		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/06/25 12:41
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/04/25 14:40

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03,08,10 Batch: WG2062162-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	0.528
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.360
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	0.912
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.248
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.208
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.240
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.136
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.264
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	4.82
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.200
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.264
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.264
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.208
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	1.22
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.200
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.480
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.176
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.136
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.096
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.480
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.216
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.184
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	1.60
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	0.376

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/06/25 12:41
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/04/25 14:40

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03,08,10 Batch: WG2062162-1					
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.240
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	0.440
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	0.448
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.224
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.352
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.10
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.248
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.360
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.328
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.544
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	0.536
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	4.26
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	3.18

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/06/25 12:41
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/04/25 14:40

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03,08,10 Batch: WG2062162-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	**154**	Q	5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	**160**	Q	40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	**155**	Q	40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	143		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	**168**	Q	40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	**152**	Q	40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	**154**	Q	40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	**160**	Q	40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	133		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	**156**	Q	40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	**148**	Q	40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	**140**	Q	40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	128		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	118		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	**151**	Q	30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	**159**	Q	40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	121		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	129		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	112		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	**174**	Q	40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	110		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	126		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	**139**	Q	10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	**145**	Q	10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/06/25 15:33
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/06/25 07:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08,10 Batch: WG2062837-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/06/25 15:33
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/06/25 07:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08,10 Batch: WG2062837-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/06/25 15:33
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/06/25 07:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08,10 Batch: WG2062837-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	54		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 19:33
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/06/25 07:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 08,10 Batch: WG2062838-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 19:33
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/06/25 07:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 08,10 Batch: WG2062838-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	62		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/08/25 19:25
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/07/25 12:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Lab for sample(s): 05 Batch: WG2063571-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/08/25 19:25
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/07/25 12:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Lab for sample(s): 05 Batch: WG2063571-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	74		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/07/25 23:21
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/07/25 12:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2063576-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/07/25 23:21
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/07/25 12:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2063576-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/07/25 23:21
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/07/25 12:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2063576-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	67		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/19/25 23:37
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/17/25 10:35

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 04-05 Batch: WG2067867-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	0.528
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.360
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	0.912
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.248
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.208
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.240
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.136
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.264
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	4.82
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.200
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.264
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.264
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.208
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	1.22
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.200
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.480
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.176
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.136
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.096
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.480
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.216
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.184
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	1.60
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	0.376
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.240

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/19/25 23:37
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/17/25 10:35

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 04-05 Batch: WG2067867-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	0.440
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	0.448
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.224
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	0.600	J	ng/l	1.60	0.352
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.10
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.248
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.360
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.328
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.544
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	0.536
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	4.26
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	3.18

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/19/25 23:37
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/17/25 10:35

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 04-05 Batch: WG2067867-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	103		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	101		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	94		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	103		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	105		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	99		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	105		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	108		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	100		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	108		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	103		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	93		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	91		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	110		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	90		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	83		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	96		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	80		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/10/25 03:01
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 05/08/25 08:30

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01,03,05 Batch: WG2072260-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	47		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2061848-2 WG2061848-3								
Acenaphthene	70		76		37-111	8		30
1,2,4-Trichlorobenzene	67		72		39-98	7		30
Hexachlorobenzene	76		84		40-140	10		30
Bis(2-chloroethyl)ether	70		75		40-140	7		30
2-Chloronaphthalene	72		78		40-140	8		30
1,2-Dichlorobenzene	65		67		40-140	3		30
1,3-Dichlorobenzene	66		69		40-140	4		30
1,4-Dichlorobenzene	63		70		36-97	11		30
3,3'-Dichlorobenzidine	60		74		40-140	21		30
2,4-Dinitrotoluene	74		84		48-143	13		30
2,6-Dinitrotoluene	80		85		40-140	6		30
Fluoranthene	79		87		40-140	10		30
4-Chlorophenyl phenyl ether	72		80		40-140	11		30
4-Bromophenyl phenyl ether	73		82		40-140	12		30
Bis(2-chloroisopropyl)ether	72		80		40-140	11		30
Bis(2-chloroethoxy)methane	68		74		40-140	8		30
Hexachlorobutadiene	67		68		40-140	1		30
Hexachlorocyclopentadiene	60		70		40-140	15		30
Hexachloroethane	62		68		40-140	9		30
Isophorone	66		73		40-140	10		30
Naphthalene	69		73		40-140	6		30
Nitrobenzene	68		74		40-140	8		30
NDPA/DPA	69		83		40-140	18		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2061848-2 WG2061848-3								
n-Nitrosodi-n-propylamine	65		72		29-132	10		30
Bis(2-ethylhexyl)phthalate	76		88		40-140	15		30
Butyl benzyl phthalate	84		95		40-140	12		30
Di-n-butylphthalate	75		86		40-140	14		30
Di-n-octylphthalate	81		90		40-140	11		30
Diethyl phthalate	72		81		40-140	12		30
Dimethyl phthalate	74		81		40-140	9		30
Benzo(a)anthracene	72		80		40-140	11		30
Benzo(a)pyrene	82		87		40-140	6		30
Benzo(b)fluoranthene	89		93		40-140	4		30
Benzo(k)fluoranthene	74		83		40-140	11		30
Chrysene	75		83		40-140	10		30
Acenaphthylene	73		80		45-123	9		30
Anthracene	73		81		40-140	10		30
Benzo(ghi)perylene	75		81		40-140	8		30
Fluorene	74		79		40-140	7		30
Phenanthrene	72		78		40-140	8		30
Dibenzo(a,h)anthracene	78		85		40-140	9		30
Indeno(1,2,3-cd)pyrene	75		80		40-140	6		30
Pyrene	80		88		26-127	10		30
Biphenyl	75		82		40-140	9		30
4-Chloroaniline	54		59		40-140	9		30
2-Nitroaniline	80		86		52-143	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2061848-2 WG2061848-3								
3-Nitroaniline	76		78		25-145	3		30
4-Nitroaniline	69		79		51-143	14		30
Dibenzofuran	71		75		40-140	5		30
2-Methylnaphthalene	73		77		40-140	5		30
1,2,4,5-Tetrachlorobenzene	71		78		2-134	9		30
Acetophenone	72		77		39-129	7		30
2,4,6-Trichlorophenol	69		80		30-130	15		30
p-Chloro-m-cresol	78		86		23-97	10		30
2-Chlorophenol	66		72		27-123	9		30
2,4-Dichlorophenol	72		83		30-130	14		30
2,4-Dimethylphenol	65		73		30-130	12		30
2-Nitrophenol	73		83		30-130	13		30
4-Nitrophenol	59		62		10-80	5		30
2,4-Dinitrophenol	51		60		20-130	16		30
4,6-Dinitro-o-cresol	75		92		20-164	20		30
Pentachlorophenol	29		39		9-103	29		30
Phenol	38		41		12-110	8		30
2-Methylphenol	67		71		30-130	6		30
3-Methylphenol/4-Methylphenol	64		70		30-130	9		30
2,4,5-Trichlorophenol	78		90		30-130	14		30
Benzoic Acid	47		50		10-164	6		30
Benzyl Alcohol	68		77		26-116	12		30
Carbazole	76		84		55-144	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2061848-2 WG2061848-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		56		21-120
Phenol-d6	40		42		10-120
Nitrobenzene-d5	69		75		23-120
2-Fluorobiphenyl	74		75		15-120
2,4,6-Tribromophenol	73		82		10-120
4-Terphenyl-d14	78		87		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG2061849-2 WG2061849-3								
Acenaphthene	77		83		40-140	8		40
2-Chloronaphthalene	71		77		40-140	8		40
Fluoranthene	82		90		40-140	9		40
Hexachlorobutadiene	61		65		40-140	6		40
Naphthalene	69		74		40-140	7		40
Benzo(a)anthracene	84		92		40-140	9		40
Benzo(a)pyrene	92		100		40-140	8		40
Benzo(b)fluoranthene	87		97		40-140	11		40
Benzo(k)fluoranthene	87		92		40-140	6		40
Chrysene	77		84		40-140	9		40
Acenaphthylene	82		88		40-140	7		40
Anthracene	79		86		40-140	8		40
Benzo(ghi)perylene	89		96		40-140	8		40
Fluorene	82		90		40-140	9		40
Phenanthrene	76		85		40-140	11		40
Dibenzo(a,h)anthracene	91		98		40-140	7		40
Indeno(1,2,3-cd)pyrene	91		99		40-140	8		40
Pyrene	81		89		40-140	9		40
2-Methylnaphthalene	68		73		40-140	7		40
Pentachlorophenol	76		90		40-140	17		40
Hexachlorobenzene	73		79		40-140	8		40
Hexachloroethane	71		76		40-140	7		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG2061849-2 WG2061849-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		69		21-120
Phenol-d6	49		54		10-120
Nitrobenzene-d5	83		88		23-120
2-Fluorobiphenyl	72		77		15-120
2,4,6-Tribromophenol	85		100		10-120
4-Terphenyl-d14	82		88		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,08,10 Batch: WG2062162-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	111		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	115		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	130		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	111		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	119		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	110		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	121		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	116		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	114		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	127		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	116		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	98		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	111		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	110		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	103		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	112		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	123		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	108		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	106		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	108		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,08,10 Batch: WG2062162-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	112		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	98		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	104		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	116		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	**165**	Q	-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	109		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	120		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	111		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	101		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	96		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	107		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	106		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	108		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	115		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	114		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	118		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	121		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	123		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	94		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,08,10 Batch: WG2062162-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	129				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	**136**	Q			40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	123				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	113				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	**141**	Q			40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	126				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	129				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	120				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	99				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	**141**	Q			40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	118				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	122				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	109				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	76				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	117				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	117				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	112				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	100				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	**153**	Q			40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	87				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	107				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	113				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	124				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,08,10 Batch: WG2062162-3								
Perfluorobutanoic Acid (PFBA)	103		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	106		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	104		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	110		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	105		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	112		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	105		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	106		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	106		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	111		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	108		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	97		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	96		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	107		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	102		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	108		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	117		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	112		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	96		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,08,10 Batch: WG2062162-3								
Perfluorododecanoic Acid (PFDoA)	105		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	91		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	110		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	116		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	113		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	96		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	110		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	100		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	102		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	97		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	104		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	101		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	108		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	108		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	116		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	113		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	111		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	107		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	85		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,08,10 Batch: WG2062162-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	120				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	119				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	112				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	99				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	122				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	125				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	111				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	110				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	125				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	124				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	109				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	86				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	106				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	109				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	111				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	95				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	121				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	97				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	114				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	114				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	**131**	Q			10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08,10 Batch: WG2062837-2 WG2062837-3								
Acenaphthene	52		63		37-111	19		30
1,2,4-Trichlorobenzene	44		54		39-98	20		30
Hexachlorobenzene	53		62		40-140	16		30
Bis(2-chloroethyl)ether	56		67		40-140	18		30
2-Chloronaphthalene	52		63		40-140	19		30
1,2-Dichlorobenzene	43		56		40-140	26		30
1,3-Dichlorobenzene	42		55		40-140	27		30
1,4-Dichlorobenzene	43		53		36-97	21		30
3,3'-Dichlorobenzidine	50		57		40-140	13		30
2,4-Dinitrotoluene	66		78		48-143	17		30
2,6-Dinitrotoluene	67		79		40-140	16		30
Fluoranthene	55		62		40-140	12		30
4-Chlorophenyl phenyl ether	54		64		40-140	17		30
4-Bromophenyl phenyl ether	50		62		40-140	21		30
Bis(2-chloroisopropyl)ether	49		58		40-140	17		30
Bis(2-chloroethoxy)methane	52		63		40-140	19		30
Hexachlorobutadiene	**38**	Q	48		40-140	23		30
Hexachlorocyclopentadiene	**38**	Q	49		40-140	25		30
Hexachloroethane	**36**	Q	49		40-140	**31**	Q	30
Isophorone	54		65		40-140	18		30
Naphthalene	50		63		40-140	23		30
Nitrobenzene	64		74		40-140	14		30
NDPA/DPA	56		65		40-140	15		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08,10 Batch: WG2062837-2 WG2062837-3								
n-Nitrosodi-n-propylamine	57		69		29-132	19		30
Bis(2-ethylhexyl)phthalate	56		63		40-140	12		30
Butyl benzyl phthalate	66		71		40-140	7		30
Di-n-butylphthalate	55		63		40-140	14		30
Di-n-octylphthalate	62		68		40-140	9		30
Diethyl phthalate	57		67		40-140	16		30
Dimethyl phthalate	58		68		40-140	16		30
Benzo(a)anthracene	55		64		40-140	15		30
Benzo(a)pyrene	55		64		40-140	15		30
Benzo(b)fluoranthene	51		60		40-140	16		30
Benzo(k)fluoranthene	57		66		40-140	15		30
Chrysene	56		65		40-140	15		30
Acenaphthylene	55		65		45-123	17		30
Anthracene	55		64		40-140	15		30
Benzo(ghi)perylene	57		65		40-140	13		30
Fluorene	55		66		40-140	18		30
Phenanthrene	56		65		40-140	15		30
Dibenzo(a,h)anthracene	56		64		40-140	13		30
Indeno(1,2,3-cd)pyrene	53		64		40-140	19		30
Pyrene	54		62		26-127	14		30
Biphenyl	56		67		40-140	18		30
4-Chloroaniline	53		58		40-140	9		30
2-Nitroaniline	73		87		52-143	18		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08,10 Batch: WG2062837-2 WG2062837-3								
3-Nitroaniline	66		75		25-145	13		30
4-Nitroaniline	68		84		51-143	21		30
Dibenzofuran	51		62		40-140	19		30
2-Methylnaphthalene	51		62		40-140	19		30
1,2,4,5-Tetrachlorobenzene	54		63		2-134	15		30
Acetophenone	62		75		39-129	19		30
2,4,6-Trichlorophenol	60		70		30-130	15		30
p-Chloro-m-cresol	51		58		23-97	13		30
2-Chlorophenol	56		69		27-123	21		30
2,4-Dichlorophenol	62		70		30-130	12		30
2,4-Dimethylphenol	54		63		30-130	15		30
2-Nitrophenol	74		84		30-130	13		30
4-Nitrophenol	54		61		10-80	12		30
2,4-Dinitrophenol	63		70		20-130	11		30
4,6-Dinitro-o-cresol	70		81		20-164	15		30
Pentachlorophenol	59		71		9-103	18		30
Phenol	34		41		12-110	19		30
2-Methylphenol	43		53		30-130	21		30
3-Methylphenol/4-Methylphenol	56		68		30-130	19		30
2,4,5-Trichlorophenol	64		75		30-130	16		30
Benzoic Acid	52		63		10-164	19		30
Benzyl Alcohol	53		64		26-116	19		30
Carbazole	58		66		55-144	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08,10 Batch: WG2062837-2 WG2062837-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	42		50		21-120
Phenol-d6	33		40		10-120
Nitrobenzene-d5	61		74		23-120
2-Fluorobiphenyl	53		63		15-120
2,4,6-Tribromophenol	55		65		10-120
4-Terphenyl-d14	50		59		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08,10 Batch: WG2062838-2 WG2062838-3								
Acenaphthene	52		64		40-140	21		40
2-Chloronaphthalene	48		60		40-140	22		40
Fluoranthene	56		67		40-140	18		40
Hexachlorobutadiene	**32**	Q	44		40-140	32		40
Naphthalene	45		58		40-140	25		40
Benzo(a)anthracene	57		70		40-140	20		40
Benzo(a)pyrene	63		77		40-140	20		40
Benzo(b)fluoranthene	62		75		40-140	19		40
Benzo(k)fluoranthene	58		72		40-140	22		40
Chrysene	52		64		40-140	21		40
Acenaphthylene	58		70		40-140	19		40
Anthracene	56		69		40-140	21		40
Benzo(ghi)perylene	67		82		40-140	20		40
Fluorene	57		70		40-140	20		40
Phenanthrene	52		65		40-140	22		40
Dibenzo(a,h)anthracene	66		80		40-140	19		40
Indeno(1,2,3-cd)pyrene	67		82		40-140	20		40
Pyrene	56		65		40-140	15		40
2-Methylnaphthalene	44		56		40-140	24		40
Pentachlorophenol	60		72		40-140	18		40
Hexachlorobenzene	50		62		40-140	21		40
Hexachloroethane	**38**	Q	53		40-140	33		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08,10 Batch: WG2062838-2 WG2062838-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		61		21-120
Phenol-d6	39		49		10-120
Nitrobenzene-d5	58		73		23-120
2-Fluorobiphenyl	48		59		15-120
2,4,6-Tribromophenol	65		79		10-120
4-Terphenyl-d14	53		61		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Lab Associated sample(s): 05 Batch: WG2063571-2 WG2063571-3								
Acenaphthene	60		50		40-140	18		40
2-Chloronaphthalene	55		45		40-140	20		40
Fluoranthene	75		64		40-140	16		40
Hexachlorobutadiene	**36**	Q	**17**	Q	40-140	**72**	Q	40
Naphthalene	54		40		40-140	30		40
Benzo(a)anthracene	72		60		40-140	18		40
Benzo(a)pyrene	83		70		40-140	17		40
Benzo(b)fluoranthene	76		65		40-140	16		40
Benzo(k)fluoranthene	78		65		40-140	18		40
Chrysene	73		62		40-140	16		40
Acenaphthylene	70		59		40-140	17		40
Anthracene	74		62		40-140	18		40
Benzo(ghi)perylene	91		76		40-140	18		40
Fluorene	68		59		40-140	14		40
Phenanthrene	70		59		40-140	17		40
Dibenzo(a,h)anthracene	94		80		40-140	16		40
Indeno(1,2,3-cd)pyrene	97		82		40-140	17		40
Pyrene	74		63		40-140	16		40
2-Methylnaphthalene	53		40		40-140	28		40
Pentachlorophenol	66		55		40-140	18		40
Hexachlorobenzene	65		55		40-140	17		40
Hexachloroethane	43		**22**	Q	40-140	**65**	Q	40

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Lab Associated sample(s): 05 Batch: WG2063571-2 WG2063571-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		49		21-120
Phenol-d6	42		40		10-120
Nitrobenzene-d5	81		69		23-120
2-Fluorobiphenyl	62		55		15-120
2,4,6-Tribromophenol	80		68		10-120
4-Terphenyl-d14	70		62		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2063576-2 WG2063576-3								
Acenaphthene	55		46		37-111	18		30
1,2,4-Trichlorobenzene	49		**30**	Q	39-98	**48**	Q	30
Hexachlorobenzene	75		63		40-140	17		30
Bis(2-chloroethyl)ether	69		53		40-140	26		30
2-Chloronaphthalene	52		43		40-140	19		30
1,2-Dichlorobenzene	49		**31**	Q	40-140	**45**	Q	30
1,3-Dichlorobenzene	46		**27**	Q	40-140	**52**	Q	30
1,4-Dichlorobenzene	48		**29**	Q	36-97	**49**	Q	30
3,3'-Dichlorobenzidine	48		41		40-140	16		30
2,4-Dinitrotoluene	66		53		48-143	22		30
2,6-Dinitrotoluene	70		60		40-140	15		30
Fluoranthene	67		58		40-140	14		30
4-Chlorophenyl phenyl ether	59		52		40-140	13		30
4-Bromophenyl phenyl ether	67		56		40-140	18		30
Bis(2-chloroisopropyl)ether	58		49		40-140	17		30
Bis(2-chloroethoxy)methane	66		54		40-140	20		30
Hexachlorobutadiene	44		**19**	Q	40-140	**79**	Q	30
Hexachlorocyclopentadiene	**35**	Q	**20**	Q	40-140	**55**	Q	30
Hexachloroethane	41		**22**	Q	40-140	**60**	Q	30
Isophorone	59		49		40-140	19		30
Naphthalene	50		**38**	Q	40-140	27		30
Nitrobenzene	57		49		40-140	15		30
NDPA/DPA	65		54		40-140	18		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2063576-2 WG2063576-3								
n-Nitrosodi-n-propylamine	67		54		29-132	21		30
Bis(2-ethylhexyl)phthalate	61		51		40-140	18		30
Butyl benzyl phthalate	62		54		40-140	14		30
Di-n-butylphthalate	62		53		40-140	16		30
Di-n-octylphthalate	58		49		40-140	17		30
Diethyl phthalate	67		54		40-140	21		30
Dimethyl phthalate	71		62		40-140	14		30
Benzo(a)anthracene	64		54		40-140	17		30
Benzo(a)pyrene	65		57		40-140	13		30
Benzo(b)fluoranthene	66		56		40-140	16		30
Benzo(k)fluoranthene	66		57		40-140	15		30
Chrysene	65		55		40-140	17		30
Acenaphthylene	61		51		45-123	18		30
Anthracene	63		55		40-140	14		30
Benzo(ghi)perylene	66		57		40-140	15		30
Fluorene	61		52		40-140	16		30
Phenanthrene	66		56		40-140	16		30
Dibenzo(a,h)anthracene	66		57		40-140	15		30
Indeno(1,2,3-cd)pyrene	65		54		40-140	18		30
Pyrene	66		57		26-127	15		30
Biphenyl	59		48		40-140	21		30
4-Chloroaniline	44		40		40-140	10		30
2-Nitroaniline	68		56		52-143	19		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2063576-2 WG2063576-3								
3-Nitroaniline	59		58		25-145	2		30
4-Nitroaniline	58		52		51-143	11		30
Dibenzofuran	59		47		40-140	23		30
2-Methylnaphthalene	54		40		40-140	30		30
1,2,4,5-Tetrachlorobenzene	53		42		2-134	23		30
Acetophenone	72		66		39-129	9		30
2,4,6-Trichlorophenol	78		61		30-130	24		30
p-Chloro-m-cresol	69		61		23-97	12		30
2-Chlorophenol	63		56		27-123	12		30
2,4-Dichlorophenol	70		63		30-130	11		30
2,4-Dimethylphenol	54		45		30-130	18		30
2-Nitrophenol	65		58		30-130	11		30
4-Nitrophenol	41		34		10-80	19		30
2,4-Dinitrophenol	57		46		20-130	21		30
4,6-Dinitro-o-cresol	65		53		20-164	20		30
Pentachlorophenol	78		62		9-103	23		30
Phenol	36		33		12-110	9		30
2-Methylphenol	62		50		30-130	21		30
3-Methylphenol/4-Methylphenol	59		55		30-130	7		30
2,4,5-Trichlorophenol	74		63		30-130	16		30
Benzoic Acid	76		**0**	Q	10-164	NC		30
Benzyl Alcohol	59		54		26-116	9		30
Carbazole	65		**54**	Q	55-144	18		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2063576-2 WG2063576-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	44		41		21-120
Phenol-d6	37		33		10-120
Nitrobenzene-d5	60		51		23-120
2-Fluorobiphenyl	61		53		15-120
2,4,6-Tribromophenol	76		66		10-120
4-Terphenyl-d14	69		61		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04-05 Batch: WG2067867-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	91		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	93		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	91		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	100		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	88		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	94		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	91		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	99		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	94		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	85		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	101		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	100		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	101		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	92		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	106		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	90		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	90		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	101		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	86		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	94		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	113		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04-05 Batch: WG2067867-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	105		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	99		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	96		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	90		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	98		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	87		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	104		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	96		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	111		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	118		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	98		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	98		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	90		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	96		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	91		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	81		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	88		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	91		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	76		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04-05 Batch: WG2067867-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	106				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	100				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	109				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	97				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	107				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	105				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	98				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	107				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	109				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	102				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	101				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	102				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	83				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	97				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	95				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	94				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	96				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	101				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	61				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	62				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	81				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04-05 Batch: WG2067867-3								
Perfluorobutanoic Acid (PFBA)	91		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	94		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	92		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	101		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	89		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	95		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	95		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	88		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	88		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	101		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	100		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	91		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	96		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	94		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	102		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	88		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	97		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	99		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	92		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	100		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	93		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04-05 Batch: WG2067867-3								
Perfluorododecanoic Acid (PFDoA)	98		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	96		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	94		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	98		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	109		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	85		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	103		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	94		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	90		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	92		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	99		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	101		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	89		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	96		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	94		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	82		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	83		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	86		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	66		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04-05 Batch: WG2067867-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	105				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	106				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	103				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	92				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	110				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	107				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	104				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	107				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	106				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	101				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	92				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	91				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	90				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	94				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	89				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	84				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	102				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	61				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	83				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG2072260-2 WG2072260-3								
1,4-Dioxane	116		111		40-140	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	47		51		15-110

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04-05 QC Batch ID: WG2067867-4 WG2067867-5 QC Sample: L2527011-04 Client ID: RMW-10-250501												
Perfluorobutanoic Acid (PFBA)	2.02J	77.2	74.3	94		72.6	96		70-140	2		30
Perfluoropentanoic Acid (PFPeA)	1.44J	38.6	36.9	92		38.7	101		65-135	5		30
Perfluorobutanesulfonic Acid (PFBS)	1.01J	17.1	17.2	94		19.0	110		60-145	10		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	72.3	71.5	99		71.5	104		70-145	0		30
Perfluorohexanoic Acid (PFHxA)	1.71	19.3	19.7	93		20.6	103		70-145	4		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	18.1	17.4	96		18.9	109		65-140	8		30
Perfluoroheptanoic Acid (PFHpA)	1.56J	19.3	18.9	90		19.8	99		70-150	5		30
Perfluorohexanesulfonic Acid (PFHxS)	0.739J	17.7	17.1	93		18.0	102		65-145	5		30
Perfluorooctanoic Acid (PFOA)	8.32	19.3	25.9	91		28.4	109		70-150	9		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	73.4	80.2	109		76.7	109		65-155	4		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	18.4	18.9	103		17.8	101		70-150	6		30
Perfluorononanoic Acid (PFNA)	0.550J	19.3	20.3	102		19.8	104		70-150	2		30
Perfluorooctanesulfonic Acid (PFOS)	5.39	17.9	23.0	98		21.4	94		55-150	7		30
Perfluorodecanoic Acid (PFDA)	ND	19.3	19.1	99		19.1	104		70-140	0		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	74.1	75.4	102		73.8	104		60-150	2		30
Perfluorononanesulfonic Acid (PFNS)	ND	18.6	15.4	83		14.3	80		65-145	7		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	19.3	21.2	110		19.4	105		50-140	9		30
Perfluoroundecanoic Acid (PFUnA)	ND	19.3	19.2	100		20.7	112		70-145	8		30
Perfluorodecanesulfonic Acid (PFDS)	ND	18.6	13.0	70		12.8	72		60-145	2		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04-05 QC Batch ID: WG2067867-4 WG2067867-5 QC Sample: L2527011-04 Client ID: RMW-10-250501												
Perfluorooctanesulfonamide (PFOSA)	ND	19.3	19.2	100		19.6	106		70-145	2		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	19.3	19.8	103		19.5	106		70-145	2		30
Perfluorododecanoic Acid (PFDoA)	ND	19.3	18.7	97		18.6	101		70-140	1		30
Perfluorotridecanoic Acid (PFTrDA)	ND	19.3	16.1	84		15.9	86		65-140	1		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	19.3	19.5	101		19.3	105		60-140	1		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	77.2	76.1	99		76.6	104		70-140	1		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	72.9	68.9	94		82.0	118		65-145	17		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	18.8	11.2	60		9.57	53		50-145	16		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	72	74.3	103		68.6	100		70-155	8		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	72.8	51.2	70		49.6	71		55-160	3		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	19.3	17.0	88		15.5	84		60-150	9		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	19.3	17.9	93		15.2	82		65-145	16		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	193	192	100		187	102		70-145	3		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	193	203	105		194	105		70-135	5		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	38.6	39.3	102		40.9	111		55-140	4		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	38.6	37.9	98		39.5	107		60-150	4		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	34.4	32.0	93		32.8	100		70-140	2		30
Nonafluoro-3,6-Dioxaheptanoic	ND	38.6	32.4	84		34.5	94		50-150	6		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04-05 QC Batch ID: WG2067867-4 WG2067867-5 QC Sample: L2527011-04 Client ID: RMW-10-250501												
Acid (NFDHA)												
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	96.4	87.8	91		87.8	95		65-130	0		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	482	448	93		457	99		70-135	2		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	482	432	90		420	91		50-145	3		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	106		102		40-300
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**205**	Q	189		40-200
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	145		139		40-200
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	47		56		10-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78		79		25-135
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	52		54		10-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	52		59		10-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	79		85		40-170
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	54		58		10-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	110		94		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	79		81		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93		102		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	104		90		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78		76		30-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90		91		40-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	104		101		40-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04-05 QC Batch ID: WG2067867-4 WG2067867-5 QC Sample: L2527011-04 Client ID: RMW-10-250501

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	112		104		40-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66		65		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	53		51		10-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	102		101		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	98		98		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	101		93		40-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95		96		40-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90		90		40-130

PCBS

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01
Client ID: RMW-03-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 05/01/25 08:30
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/05/25 11:27
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/04/25 05:33
Cleanup Method: EPA 3665A
Cleanup Date: 05/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02
Client ID: DUP-01-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 08:40
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/05/25 11:36
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/04/25 05:33
Cleanup Method: EPA 3665A
Cleanup Date: 05/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03
Client ID: RMW-07-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 11:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/05/25 11:46
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/04/25 05:33
Cleanup Method: EPA 3665A
Cleanup Date: 05/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-04
Client ID: RMW-10-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 13:05
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/08/25 12:45
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 05/08/25 00:15
Cleanup Method: EPA 3665A
Cleanup Date: 05/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05
Client ID: EB-GW-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 14:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/06/25 12:17
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 05/04/25 17:27
Cleanup Method: EPA 3665A
Cleanup Date: 05/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-07
Client ID: EB-GW-250501 DISSOLVED
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 14:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/06/25 09:38
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 22:00
Cleanup Method: EPA 3665A
Cleanup Date: 05/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08
Client ID: MW-11D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 04/30/25 12:00
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/09/25 02:04
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 05/08/25 11:42
Cleanup Method: EPA 3665A
Cleanup Date: 05/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-09
Client ID: MW-11D-250430-F
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 04/30/25 12:00
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/09/25 02:14
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 05/08/25 11:42
Cleanup Method: EPA 3665A
Cleanup Date: 05/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10
Client ID: MW-09D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 04/30/25 14:45
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/09/25 02:23
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 05/08/25 11:42
Cleanup Method: EPA 3665A
Cleanup Date: 05/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-11
Client ID: MW-09D-250430-F
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 04/30/25 14:45
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/09/25 02:32
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 05/08/25 11:42
Cleanup Method: EPA 3665A
Cleanup Date: 05/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/04/25 16:24
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 14:09
Cleanup Method: EPA 3665A
Cleanup Date: 05/04/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG2062009-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1260	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
PCBs, Total	ND		ug/l	0.071	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/06/25 11:30
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 05/04/25 17:27
Cleanup Method: EPA 3665A
Cleanup Date: 05/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05 Batch: WG2062233-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1260	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
PCBs, Total	ND		ug/l	0.071	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/06/25 08:41
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 22:00
Cleanup Method: EPA 3665A
Cleanup Date: 05/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07 Batch: WG2062707-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1260	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
PCBs, Total	ND		ug/l	0.071	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/08/25 12:08
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 05/08/25 00:15
Cleanup Method: EPA 3665A
Cleanup Date: 05/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 04,08-11 Batch: WG2063818-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1260	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
PCBs, Total	ND		ug/l	0.071	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	80		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG2062009-2 WG2062009-3									
Aroclor 1016	60		63		40-140	6		50	A
Aroclor 1260	78		81		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		50		30-150	A
Decachlorobiphenyl	67		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	44		46		30-150	B
Decachlorobiphenyl	56		62		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05 Batch: WG2062233-2 WG2062233-3									
Aroclor 1016	70		70		40-140	0		50	A
Aroclor 1260	72		71		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		50		30-150	A
Decachlorobiphenyl	69		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		53		30-150	B
Decachlorobiphenyl	70		63		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07 Batch: WG2062707-2 WG2062707-3									
Aroclor 1016	92		89		40-140	3		50	A
Aroclor 1260	94		91		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		80		30-150	A
Decachlorobiphenyl	86		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		82		30-150	B
Decachlorobiphenyl	87		82		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 04,08-11 Batch: WG2063818-2 WG2063818-3									
Aroclor 1016	77		81		40-140	6		50	A
Aroclor 1260	78		84		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		73		30-150	A
Decachlorobiphenyl	75		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		80		30-150	B
Decachlorobiphenyl	84		88		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001.004B

Lab Number: L2527011

Report Date: 05/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 04,08-11 QC Batch ID: WG2063818-4 WG2063818-5 QC Sample: L2527011-04 Client ID: RMW-10-250501													
Aroclor 1016	ND	2.5	2.13	85		2.15	86		40-140	1		50	A
Aroclor 1260	ND	2.5	2.12	85		2.12	85		40-140	0		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		85		30-150	A
Decachlorobiphenyl	75		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		90		30-150	B
Decachlorobiphenyl	78		68		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01
Client ID: RMW-03-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 05/01/25 08:30
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 05/05/25 18:57
Analyst: JAG
Extraction Method: EPA 3510C
Extraction Date: 05/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01 Date Collected: 05/01/25 08:30

Client ID: RMW-03-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	73		30-150	A

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01
Client ID: RMW-03-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 05/01/25 08:30
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 05/04/25 17:03
Analyst: EJL
Extraction Method: EPA 8151A
Extraction Date: 05/02/25 09:47

Methylation Date: 05/03/25 08:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02
Client ID: DUP-01-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 08:40
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 05/05/25 19:08
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 05/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02 Date Collected: 05/01/25 08:40

Client ID: DUP-01-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	63		30-150	A

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02
Client ID: DUP-01-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 08:40
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 05/04/25 17:22
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 05/02/25 09:47

Methylation Date: 05/03/25 08:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	80		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03
Client ID: RMW-07-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 05/01/25 11:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 05/06/25 12:31
Analyst: JAG
Extraction Method: EPA 3510C
Extraction Date: 05/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03 Date Collected: 05/01/25 11:00

Client ID: RMW-07-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	78		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	74		30-150	A

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03
Client ID: RMW-07-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 11:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 05/04/25 17:59
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 05/02/25 09:47

Methylation Date: 05/03/25 08:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	75		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-04
Client ID: RMW-10-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 05/01/25 13:05
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 05/06/25 12:43
Analyst: JAG
Extraction Method: EPA 3510C
Extraction Date: 05/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-04 Date Collected: 05/01/25 13:05

Client ID: RMW-10-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	76		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	73		30-150	A

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05
Client ID: EB-GW-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 14:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 05/06/25 13:18
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 05/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05 Date Collected: 05/01/25 14:00

Client ID: EB-GW-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	62		30-150	B
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	57		30-150	A

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05
Client ID: EB-GW-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 05/01/25 14:00
Date Received: 05/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 05/04/25 18:18
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 05/02/25 09:47

Methylation Date: 05/03/25 08:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	79		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08
Client ID: MW-11D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 04/30/25 12:00
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 05/08/25 18:49
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 05/07/25 08:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08 Date Collected: 04/30/25 12:00

Client ID: MW-11D-250430-UF Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	64		30-150	B
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	65		30-150	A

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08
Client ID: MW-11D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 04/30/25 12:00
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 05/04/25 16:26
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 05/02/25 09:47

Methylation Date: 05/03/25 08:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	72		30-150	A
DCAA	70		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10
Client ID: MW-09D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 04/30/25 14:45
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 05/08/25 19:00
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 05/07/25 08:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10 Date Collected: 04/30/25 14:45

Client ID: MW-09D-250430-UF Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	61		30-150	B
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	55		30-150	A

Project Name: ELMWOOD PRESERVE
Lab Number: L2527011
Project Number: CV04.001.004B
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10
Client ID: MW-09D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY

Date Collected: 04/30/25 14:45
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 05/04/25 16:45
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 05/02/25 09:47

Methylation Date: 05/03/25 08:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	73		30-150	A
DCAA	69		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/04/25 13:57
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 05/02/25 09:47

Methylation Date: 05/03/25 08:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-03,05 Batch: WG2061581-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	79		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/05/25 17:29
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 05/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG2062236-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/05/25 17:29
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 05/04/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG2062236-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	77		30-150	B
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	71		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/08/25 09:21
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 05/07/25 08:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08,10 Batch: WG2063353-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/08/25 09:21
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 05/07/25 08:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08,10 Batch: WG2063353-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	76		30-150	B
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	53		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/04/25 13:57
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 05/02/25 09:47

Methylation Date: 05/03/25 08:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 08,10 Batch: WG2063373-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	79		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-03,05 Batch: WG2061581-2 WG2061581-3									
2,4-D	88		84		30-150	5		25	A
2,4,5-T	89		85		30-150	5		25	A
2,4,5-TP (Silvex)	83		79		30-150	5		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	86		81		30-150	A
DCAA	90		87		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG2062236-2 WG2062236-3									
Delta-BHC	71		67		30-150	6		20	A
Lindane	92		87		30-150	5		20	A
Alpha-BHC	83		80		30-150	5		20	A
Beta-BHC	84		80		30-150	5		20	A
Heptachlor	86		80		30-150	7		20	A
Aldrin	65		60		30-150	8		20	A
Heptachlor epoxide	83		78		30-150	6		20	A
Endrin	95		89		30-150	6		20	A
Endrin aldehyde	75		71		30-150	6		20	A
Endrin ketone	107		103		30-150	4		20	A
Dieldrin	96		91		30-150	6		20	A
4,4'-DDE	73		69		30-150	6		20	A
4,4'-DDD	109		103		30-150	6		20	A
4,4'-DDT	114		105		30-150	8		20	A
Endosulfan I	78		72		30-150	7		20	A
Endosulfan II	84		78		30-150	8		20	A
Endosulfan sulfate	86		80		30-150	7		20	A
Methoxychlor	127		117		30-150	8		20	A
cis-Chlordane	70		64		30-150	8		20	A
trans-Chlordane	86		81		30-150	6		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG2062236-2 WG2062236-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		65		30-150	B
Decachlorobiphenyl	72		70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	50		49		30-150	A
Decachlorobiphenyl	67		65		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08,10 Batch: WG2063353-2 WG2063353-3									
Delta-BHC	54		55		30-150	1		20	A
Lindane	71		73		30-150	3		20	A
Alpha-BHC	65		67		30-150	3		20	A
Beta-BHC	65		68		30-150	5		20	A
Heptachlor	68		72		30-150	5		20	A
Aldrin	59		59		30-150	0		20	A
Heptachlor epoxide	65		66		30-150	2		20	A
Endrin	74		77		30-150	5		20	A
Endrin aldehyde	67		68		30-150	2		20	A
Endrin ketone	81		85		30-150	5		20	A
Dieldrin	77		79		30-150	3		20	A
4,4'-DDE	60		61		30-150	1		20	A
4,4'-DDD	83		86		30-150	4		20	A
4,4'-DDT	93		97		30-150	4		20	A
Endosulfan I	62		64		30-150	3		20	A
Endosulfan II	67		70		30-150	5		20	A
Endosulfan sulfate	67		70		30-150	5		20	A
Methoxychlor	96		99		30-150	3		20	A
cis-Chlordane	58		60		30-150	3		20	A
trans-Chlordane	74		75		30-150	2		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08,10 Batch: WG2063353-2 WG2063353-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		74		30-150	B
Decachlorobiphenyl	78		79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	44		43		30-150	A
Decachlorobiphenyl	54		56		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 08,10 Batch: WG2063373-2 WG2063373-3									
2,4-D	88		84		30-150	5		25	A
2,4,5-T	89		85		30-150	5		25	A
2,4,5-TP (Silvex)	83		79		30-150	5		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	86		81		30-150	A
DCAA	90		87		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2062236-4 WG2062236-5 QC Sample: L2527011-04 Client ID: RMW-10-250501													
Delta-BHC	ND	0.5	0.450	90		0.442	88		30-150	2		30	A
Lindane	ND	0.5	0.608	122		0.612	122		30-150	1		30	A
Alpha-BHC	ND	0.5	0.516	103		0.513	103		30-150	1		30	A
Beta-BHC	ND	0.5	0.563	113		0.561	112		30-150	0		30	A
Heptachlor	ND	0.5	0.589	118		0.590	118		30-150	0		30	A
Aldrin	ND	0.5	0.552	110		0.539	108		30-150	2		30	A
Heptachlor epoxide	ND	0.5	0.580	116		0.584	117		30-150	1		30	A
Endrin	ND	0.5	0.652	130		0.657	131		30-150	1		30	A
Endrin aldehyde	ND	0.5	0.555	111		0.559	112		30-150	1		30	A
Endrin ketone	ND	0.5	0.687	137		0.690	138		30-150	0		30	A
Dieldrin	ND	0.5	0.652	130		0.645	129		30-150	1		30	A
4,4'-DDE	ND	0.5	0.637	127		0.635	127		30-150	0		30	A
4,4'-DDD	ND	0.5	0.715	143		0.708	142		30-150	1		30	A
4,4'-DDT	ND	0.5	0.718	144		0.700	140		30-150	3		30	A
Endosulfan I	ND	0.5	0.579	116		0.573	115		30-150	1		30	A
Endosulfan II	ND	0.5	0.623	125		0.618	124		30-150	1		30	A
Endosulfan sulfate	ND	0.5	0.594	119		0.588	118		30-150	1		30	A
Methoxychlor	ND	0.5	0.661	132		0.667	133		30-150	1		30	A
cis-Chlordane	ND	0.5	0.524	105		0.525	105		30-150	0		30	A
trans-Chlordane	ND	0.5	0.630	126		0.641	128		30-150	2		30	A

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2062236-4 WG2062236-5 QC Sample: L2527011-04 Client ID: RMW-10-250501												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		87		30-150	B
Decachlorobiphenyl	97		93		30-150	B
2,4,5,6-Tetrachloro-m-xylene	92		90		30-150	A
Decachlorobiphenyl	103		100		30-150	A

METALS

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01 Date Collected: 05/01/25 08:30

Client ID: RMW-03-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2.26		mg/l	0.0100	0.00327	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Arsenic, Total	0.00053		mg/l	0.00050	0.00016	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Barium, Total	0.04915		mg/l	0.00050	0.00017	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Cadmium, Total	0.00006	J	mg/l	0.00020	0.00005	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Calcium, Total	5.94		mg/l	0.100	0.0394	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Chromium, Total	0.00509		mg/l	0.00100	0.00017	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Cobalt, Total	0.00173		mg/l	0.00050	0.00016	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Copper, Total	0.00615		mg/l	0.00100	0.00038	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Iron, Total	3.60		mg/l	0.0500	0.0191	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Lead, Total	0.00118		mg/l	0.00100	0.00034	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Magnesium, Total	2.92		mg/l	0.0700	0.0242	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Manganese, Total	0.1660		mg/l	0.00100	0.00044	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Mercury, Total	0.00047		mg/l	0.00020	0.00009	1	05/06/25 22:25	05/10/25 13:56	EPA 7470A	1,7470A	DJR
Nickel, Total	0.00551		mg/l	0.00200	0.00055	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Potassium, Total	1.95		mg/l	0.100	0.0309	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Sodium, Total	3.60		mg/l	0.500	0.0293	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Vanadium, Total	0.00461	J	mg/l	0.00500	0.00157	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA
Zinc, Total	0.00766	J	mg/l	0.01000	0.00341	1	05/06/25 21:38	05/11/25 16:32	EPA 3005A	1,6020B	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02 Date Collected: 05/01/25 08:40

Client ID: DUP-01-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2.01		mg/l	0.0100	0.00327	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Arsenic, Total	0.00046	J	mg/l	0.00050	0.00016	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Barium, Total	0.04802		mg/l	0.00050	0.00017	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Cadmium, Total	0.00007	J	mg/l	0.00020	0.00005	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Calcium, Total	5.83		mg/l	0.100	0.0394	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Chromium, Total	0.00472		mg/l	0.00100	0.00017	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Cobalt, Total	0.00153		mg/l	0.00050	0.00016	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Copper, Total	0.00547		mg/l	0.00100	0.00038	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Iron, Total	3.32		mg/l	0.0500	0.0191	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Lead, Total	0.00111		mg/l	0.00100	0.00034	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Magnesium, Total	2.76		mg/l	0.0700	0.0242	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Manganese, Total	0.1558		mg/l	0.00100	0.00044	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Mercury, Total	0.00027		mg/l	0.00020	0.00009	1	05/06/25 22:25	05/10/25 14:00	EPA 7470A	1,7470A	DJR
Nickel, Total	0.00516		mg/l	0.00200	0.00055	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Potassium, Total	1.83		mg/l	0.100	0.0309	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Sodium, Total	3.57		mg/l	0.500	0.0293	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Vanadium, Total	0.00426	J	mg/l	0.00500	0.00157	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA
Zinc, Total	0.00713	J	mg/l	0.01000	0.00341	1	05/06/25 21:38	05/11/25 16:36	EPA 3005A	1,6020B	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03 Date Collected: 05/01/25 11:00

Client ID: RMW-07-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.435		mg/l	0.0100	0.00327	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Arsenic, Total	0.00029	J	mg/l	0.00050	0.00016	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Barium, Total	0.05673		mg/l	0.00050	0.00017	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Calcium, Total	11.8		mg/l	0.100	0.0394	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Chromium, Total	0.00130		mg/l	0.00100	0.00017	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Cobalt, Total	0.00049	J	mg/l	0.00050	0.00016	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Copper, Total	0.00360		mg/l	0.00100	0.00038	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Iron, Total	0.766		mg/l	0.0500	0.0191	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Lead, Total	0.00070	J	mg/l	0.00100	0.00034	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Magnesium, Total	4.83		mg/l	0.0700	0.0242	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Manganese, Total	0.03373		mg/l	0.00100	0.00044	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Mercury, Total	0.00014	J	mg/l	0.00020	0.00009	1	05/06/25 22:25	05/10/25 14:03	EPA 7470A	1,7470A	DJR
Nickel, Total	0.00100	J	mg/l	0.00200	0.00055	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Potassium, Total	2.64		mg/l	0.100	0.0309	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Sodium, Total	4.73		mg/l	0.500	0.0293	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA
Zinc, Total	0.00537	J	mg/l	0.01000	0.00341	1	05/06/25 21:38	05/11/25 16:41	EPA 3005A	1,6020B	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-04 Date Collected: 05/01/25 13:05

Client ID: RMW-10-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0866		mg/l	0.0100	0.00327	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Arsenic, Total	0.00161		mg/l	0.00050	0.00016	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Barium, Total	0.07325		mg/l	0.00050	0.00017	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Calcium, Total	29.5		mg/l	0.100	0.0394	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Chromium, Total	0.00026	J	mg/l	0.00100	0.00017	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Cobalt, Total	0.00021	J	mg/l	0.00050	0.00016	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Copper, Total	0.00192		mg/l	0.00100	0.00038	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Iron, Total	0.523		mg/l	0.0500	0.0191	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Magnesium, Total	12.1		mg/l	0.0700	0.0242	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Manganese, Total	0.2141		mg/l	0.00100	0.00044	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Potassium, Total	2.42		mg/l	0.100	0.0309	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Sodium, Total	4.15		mg/l	0.500	0.0293	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/06/25 21:38	05/11/25 14:59	EPA 3005A	1,6020B	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05 Date Collected: 05/01/25 14:00

Client ID: EB-GW-250501 Date Received: 05/01/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Mercury, Total	0.00010	J	mg/l	0.00020	0.00009	1	05/06/25 22:25	05/10/25 14:06	EPA 7470A	1,7470A	DJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Potassium, Total	0.0373	J	mg/l	0.100	0.0309	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Sodium, Total	0.0644	J	mg/l	0.500	0.0293	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA
Zinc, Total	0.00372	J	mg/l	0.01000	0.00341	1	05/06/25 21:38	05/11/25 16:45	EPA 3005A	1,6020B	TAA

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08 Date Collected: 04/30/25 12:00

Client ID: MW-11D-250430-UF Date Received: 04/30/25

Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.916		mg/l	0.0100	0.00327	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Antimony, Total	0.00257	J	mg/l	0.00400	0.00042	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00035	J	mg/l	0.00050	0.00016	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Barium, Total	0.04925		mg/l	0.00050	0.00017	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Calcium, Total	23.5		mg/l	0.100	0.0394	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00346		mg/l	0.00100	0.00017	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00199		mg/l	0.00050	0.00016	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Copper, Total	0.00316		mg/l	0.00100	0.00038	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Iron, Total	1.41		mg/l	0.0500	0.0191	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Lead, Total	0.00044	J	mg/l	0.00100	0.00034	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Magnesium, Total	9.51		mg/l	0.0700	0.0242	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Manganese, Total	0.05616		mg/l	0.00100	0.00044	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/09/25 08:52	05/09/25 12:10	EPA 7470A	1,7470A	SMV
Nickel, Total	0.00236		mg/l	0.00200	0.00055	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Potassium, Total	2.72		mg/l	0.100	0.0309	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Sodium, Total	4.25		mg/l	0.500	0.0293	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.00261	J	mg/l	0.00500	0.00157	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB
Zinc, Total	0.00474	J	mg/l	0.01000	0.00341	1	05/09/25 08:02	05/09/25 11:41	EPA 3005A	1,6020B	NTB

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10
Client ID: MW-09D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Date Collected: 04/30/25 14:45
Date Received: 04/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1.57		mg/l	0.0100	0.00327	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Antimony, Total	0.00055	J	mg/l	0.00400	0.00042	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00135		mg/l	0.00050	0.00016	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Barium, Total	0.04323		mg/l	0.00050	0.00017	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Calcium, Total	18.0		mg/l	0.100	0.0394	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00599		mg/l	0.00100	0.00017	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00149		mg/l	0.00050	0.00016	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Copper, Total	0.00378		mg/l	0.00100	0.00038	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Iron, Total	2.22		mg/l	0.0500	0.0191	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Lead, Total	0.00048	J	mg/l	0.00100	0.00034	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Magnesium, Total	4.57		mg/l	0.0700	0.0242	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Manganese, Total	0.04323		mg/l	0.00100	0.00044	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/09/25 08:52	05/09/25 12:00	EPA 7470A	1,7470A	SMV
Nickel, Total	0.00504		mg/l	0.00200	0.00055	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Potassium, Total	5.28		mg/l	0.100	0.0309	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Sodium, Total	10.7		mg/l	0.500	0.0293	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Thallium, Total	0.00016	J	mg/l	0.00100	0.00014	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.00448	J	mg/l	0.00500	0.00157	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB
Zinc, Total	0.01371		mg/l	0.01000	0.00341	1	05/09/25 08:02	05/09/25 12:04	EPA 3005A	1,6020B	NTB

Project Name: ELMWOOD PRESERVE **Lab Number:** L2527011

Project Number: CV04.001.004B **Report Date:** 05/30/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG2063225-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Sodium, Total	ND		mg/l	0.500	0.0293	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/06/25 21:38	05/07/25 07:43	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03,05 Batch: WG2063227-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/06/25 22:25	05/07/25 07:22	1,7470A	CME

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 08,10 Batch: WG2064461-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Sodium, Total	ND		mg/l	0.500	0.0293	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/09/25 08:02	05/09/25 11:30	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 08,10 Batch: WG2064463-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/09/25 08:52	05/09/25 11:53	1,7470A	SMV

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2063225-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	89		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	111		-		80-120	-		
Cadmium, Total	104		-		80-120	-		
Calcium, Total	99		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	107		-		80-120	-		
Iron, Total	110		-		80-120	-		
Lead, Total	96		-		80-120	-		
Magnesium, Total	101		-		80-120	-		
Manganese, Total	103		-		80-120	-		
Nickel, Total	107		-		80-120	-		
Potassium, Total	103		-		80-120	-		
Selenium, Total	107		-		80-120	-		
Silver, Total	102		-		80-120	-		
Sodium, Total	105		-		80-120	-		
Thallium, Total	95		-		80-120	-		
Vanadium, Total	106		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2063225-2					
Zinc, Total	110	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG2063227-2					
Mercury, Total	119	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08,10 Batch: WG2064461-2					
Aluminum, Total	98	-	80-120	-	
Antimony, Total	83	-	80-120	-	
Arsenic, Total	102	-	80-120	-	
Barium, Total	102	-	80-120	-	
Beryllium, Total	102	-	80-120	-	
Cadmium, Total	105	-	80-120	-	
Calcium, Total	97	-	80-120	-	
Chromium, Total	98	-	80-120	-	
Cobalt, Total	100	-	80-120	-	
Copper, Total	103	-	80-120	-	
Iron, Total	106	-	80-120	-	
Lead, Total	101	-	80-120	-	
Magnesium, Total	100	-	80-120	-	
Manganese, Total	99	-	80-120	-	
Nickel, Total	102	-	80-120	-	
Potassium, Total	99	-	80-120	-	
Selenium, Total	102	-	80-120	-	
Silver, Total	104	-	80-120	-	
Sodium, Total	105	-	80-120	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	99	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08,10 Batch: WG2064461-2					
Zinc, Total	106	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 08,10 Batch: WG2064463-2					
Mercury, Total	109	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2063225-3 WG2063225-4 QC Sample: L2525809-10 Client ID: MS Sample												
Aluminum, Total	0.270	2	2.30	102		2.46	110		75-125	7		20
Antimony, Total	0.0028J	0.5	0.5224	104		0.5091	102		75-125	3		20
Arsenic, Total	0.00336	0.12	0.1337	109		0.1370	111		75-125	2		20
Barium, Total	0.0513	2	2.188	107		2.199	107		75-125	1		20
Beryllium, Total	ND	0.05	0.05644	113		0.05608	112		75-125	1		20
Cadmium, Total	ND	0.053	0.05620	106		0.05556	105		75-125	1		20
Calcium, Total	8.48	10	18.9	104		18.9	104		75-125	0		20
Chromium, Total	0.0005J	0.2	0.2098	105		0.2110	106		75-125	1		20
Cobalt, Total	0.0016	0.5	0.5266	105		0.5340	106		75-125	1		20
Copper, Total	0.00090J	0.25	0.2740	110		0.2712	108		75-125	1		20
Iron, Total	12.2	1	13.2	100		15.3	**310**	Q	75-125	15		20
Lead, Total	0.0008J	0.53	0.5205	98		0.5185	98		75-125	0		20
Magnesium, Total	3.15	10	13.3	102		13.6	104		75-125	2		20
Manganese, Total	0.5772	0.5	1.118	108		1.132	111		75-125	1		20
Nickel, Total	0.0017J	0.5	0.5423	108		0.5415	108		75-125	0		20
Potassium, Total	4.21	10	15.1	109		14.8	106		75-125	2		20
Selenium, Total	ND	0.12	0.127	106		0.131	109		75-125	3		20
Silver, Total	ND	0.05	0.05212	104		0.05163	103		75-125	1		20
Sodium, Total	8.67	10	19.8	111		19.7	110		75-125	1		20
Thallium, Total	ND	0.12	0.1148	96		0.1158	96		75-125	1		20
Vanadium, Total	ND	0.5	0.5327	106		0.5378	108		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2063225-3 WG2063225-4 QC Sample: L2525809-10 Client ID: MS Sample									
Zinc, Total	0.0054J	0.5	0.5609	112	0.5659	113	75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2063225-7 WG2063225-8 QC Sample: L2527011-04 Client ID: RMW-10-250501									
Aluminum, Total	0.0866	2	2.26	109	2.20	106	75-125	3	20
Antimony, Total	ND	0.5	0.4677	94	0.4850	97	75-125	4	20
Arsenic, Total	0.00161	0.12	0.1296	107	0.1280	105	75-125	1	20
Barium, Total	0.07325	2	2.312	112	2.262	109	75-125	2	20
Beryllium, Total	ND	0.05	0.04530	91	0.05219	104	75-125	14	20
Cadmium, Total	ND	0.053	0.05847	110	0.05824	110	75-125	0	20
Calcium, Total	29.5	10	39.2	97	38.7	92	75-125	1	20
Chromium, Total	0.00026J	0.2	0.2139	107	0.2079	104	75-125	3	20
Cobalt, Total	0.00021J	0.5	0.5335	107	0.5083	102	75-125	5	20
Copper, Total	0.00192	0.25	0.2774	110	0.2716	108	75-125	2	20
Iron, Total	0.523	1	1.61	109	1.54	102	75-125	4	20
Lead, Total	ND	0.53	0.5608	106	0.5668	107	75-125	1	20
Magnesium, Total	12.1	10	23.1	110	22.5	104	75-125	3	20
Manganese, Total	0.2141	0.5	0.7567	108	0.7449	106	75-125	2	20
Nickel, Total	ND	0.5	0.5398	108	0.5316	106	75-125	2	20
Potassium, Total	2.42	10	13.3	109	13.0	106	75-125	2	20
Selenium, Total	ND	0.12	0.119	99	0.125	104	75-125	5	20
Silver, Total	ND	0.05	0.05470	109	0.05282	106	75-125	3	20
Sodium, Total	4.15	10	15.9	118	15.4	112	75-125	3	20
Thallium, Total	ND	0.12	0.1331	111	0.1340	112	75-125	1	20
Vanadium, Total	ND	0.5	0.5225	104	0.5362	107	75-125	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2063225-7 WG2063225-8 QC Sample: L2527011-04 Client ID: RMW-10-250501									
Zinc, Total	ND	0.5	0.5577	112	0.5436	109	75-125	3	20
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG2063227-3 QC Sample: L2526077-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00561	112	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08,10 QC Batch ID: WG2064461-3 QC Sample: L2527011-08 Client ID: MW-11D-250430-UF									
Aluminum, Total	0.916	2	2.93	101	-	-	75-125	-	20
Antimony, Total	0.00257J	0.5	0.3852	77	-	-	75-125	-	20
Arsenic, Total	0.00035J	0.12	0.1165	97	-	-	75-125	-	20
Barium, Total	0.04925	2	2.049	100	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05071	101	-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.05421	102	-	-	75-125	-	20
Calcium, Total	23.5	10	32.0	85	-	-	75-125	-	20
Chromium, Total	0.00346	0.2	0.1945	96	-	-	75-125	-	20
Cobalt, Total	0.00199	0.5	0.4827	96	-	-	75-125	-	20
Copper, Total	0.00316	0.25	0.2529	100	-	-	75-125	-	20
Iron, Total	1.41	1	2.47	106	-	-	75-125	-	20
Lead, Total	0.00044J	0.53	0.4958	94	-	-	75-125	-	20
Magnesium, Total	9.51	10	19.2	97	-	-	75-125	-	20
Manganese, Total	0.05616	0.5	0.5394	97	-	-	75-125	-	20
Nickel, Total	0.00236	0.5	0.4973	99	-	-	75-125	-	20
Potassium, Total	2.72	10	12.3	96	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.122	102	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05072	101	-	-	75-125	-	20
Sodium, Total	4.25	10	14.5	102	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1126	94	-	-	75-125	-	20
Vanadium, Total	0.00261J	0.5	0.4846	97	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08,10 QC Batch ID: WG2064461-3 QC Sample: L2527011-08 Client ID: MW-11D-250430-UF									
Zinc, Total	0.00474J	0.5	0.5221	104	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 08,10 QC Batch ID: WG2064463-3 QC Sample: L2527011-10 Client ID: MW-09D-250430-UF									
Mercury, Total	ND	0.005	0.00577	115	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001.004B

Lab Number: L2527011

Report Date: 05/30/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG2063227-4 QC Sample: L2526077-01 Client ID: DUP Sample						
Mercury, Total	ND	0.00009J	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08,10 QC Batch ID: WG2064461-4 QC Sample: L2527011-08 Client ID: MW-11D-250430-UF					
Aluminum, Total	0.916	0.940	mg/l	3	20
Antimony, Total	0.00257J	0.00273J	mg/l	NC	20
Arsenic, Total	0.00035J	0.00032J	mg/l	NC	20
Barium, Total	0.04925	0.04984	mg/l	1	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Calcium, Total	23.5	23.8	mg/l	1	20
Chromium, Total	0.00346	0.00345	mg/l	0	20
Cobalt, Total	0.00199	0.00202	mg/l	1	20
Copper, Total	0.00316	0.00331	mg/l	5	20
Iron, Total	1.41	1.46	mg/l	3	20
Lead, Total	0.00044J	0.00046J	mg/l	NC	20
Magnesium, Total	9.51	9.56	mg/l	1	20
Manganese, Total	0.05616	0.05628	mg/l	0	20
Nickel, Total	0.00236	0.00240	mg/l	2	20
Potassium, Total	2.72	2.64	mg/l	3	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	4.25	4.23	mg/l	0	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08,10 QC Batch ID: WG2064461-4 QC Sample: L2527011-08 Client ID: MW-11D-250430-UF					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	0.00261J	0.00270J	mg/l	NC	20
Zinc, Total	0.00474J	0.00487J	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 08,10 QC Batch ID: WG2064463-4 QC Sample: L2527011-10 Client ID: MW-09D-250430-UF					
Mercury, Total	ND	ND	mg/l	NC	20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2063225-10 QC Sample: L2527011-04 Client ID: RMW-10-250501						
Barium, Total	0.07325	0.07259	mg/l	1		20
Calcium, Total	29.5	30.0	mg/l	2		20
Magnesium, Total	12.1	12.7	mg/l	5		20
Manganese, Total	0.2141	0.2176	mg/l	2		20
Total Metals - Mansfield Lab Associated sample(s): 08,10 QC Batch ID: WG2064461-6 QC Sample: L2527011-08 Client ID: MW-11D-250430-UF						
Aluminum, Total	0.916	0.942	mg/l	3		20
Barium, Total	0.04925	0.05037	mg/l	2		20
Calcium, Total	23.5	23.9	mg/l	2		20
Iron, Total	1.41	1.46	mg/l	4		20
Magnesium, Total	9.51	9.71	mg/l	2		20
Manganese, Total	0.05616	0.05916	mg/l	5		20
Potassium, Total	2.72	2.54	mg/l	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-01
Client ID: RMW-03-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Water

Date Collected: 05/01/25 08:30
Date Received: 05/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/06/25 08:40	05/08/25 12:52	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/02/25 03:30	05/02/25 03:59	1,7196A	CAR

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-02
Client ID: DUP-01-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Water

Date Collected: 05/01/25 08:40
Date Received: 05/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/06/25 08:40	05/08/25 12:53	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/02/25 03:30	05/02/25 03:59	1,7196A	CAR

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-03
Client ID: RMW-07-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Water

Date Collected: 05/01/25 11:00
Date Received: 05/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/06/25 08:40	05/08/25 12:54	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/02/25 03:30	05/02/25 04:00	1,7196A	CAR

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-05
Client ID: EB-GW-250501
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Date Collected: 05/01/25 14:00
Date Received: 05/01/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/06/25 08:40	05/08/25 12:55	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/02/25 03:30	05/02/25 04:00	1,7196A	CAR

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-08
Client ID: MW-11D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Date Collected: 04/30/25 12:00
Date Received: 04/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/08/25 21:20	05/09/25 09:46	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/01/25 08:53	05/01/25 09:22	1,7196A	DMO

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

SAMPLE RESULTS

Lab ID: L2527011-10
Client ID: MW-09D-250430-UF
Sample Location: 850 DOBBS FERRY ROAD, WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Date Collected: 04/30/25 14:45
Date Received: 04/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/08/25 21:20	05/09/25 09:47	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/01/25 08:53	05/01/25 09:24	1,7196A	DMO

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 08,10 Batch: WG2061055-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/01/25 08:53	05/01/25 09:21	1,7196A	DMO
General Chemistry - Westborough Lab for sample(s): 01-03,05 Batch: WG2061423-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/02/25 03:30	05/02/25 03:58	1,7196A	CAR
General Chemistry - Westborough Lab for sample(s): 01-03,05 Batch: WG2063198-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/06/25 08:40	05/08/25 12:40	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 08,10 Batch: WG2064352-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/08/25 21:20	05/09/25 09:42	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 08,10 Batch: WG2061055-2								
Chromium, Hexavalent	104		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03,05 Batch: WG2061423-2								
Chromium, Hexavalent	100		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03,05 Batch: WG2063198-2 WG2063198-3								
Cyanide, Total	94		90		85-115	4		20
General Chemistry - Westborough Lab Associated sample(s): 08,10 Batch: WG2064352-2 WG2064352-3								
Cyanide, Total	93		90		85-115	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 08,10 QC Batch ID: WG2061055-4 QC Sample: L2526697-01 Client ID: MS Sample												
Chromium, Hexavalent	ND	0.1	0.099	99		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03,05 QC Batch ID: WG2061423-4 QC Sample: L2527011-01 Client ID: RMW-03-250501												
Chromium, Hexavalent	ND	0.1	0.102	102		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03,05 QC Batch ID: WG2063198-4 WG2063198-5 QC Sample: L2526703-01 Client ID: MS Sample												
Cyanide, Total	0.002J	0.2	0.210	105		0.201	100		80-120	4		20
General Chemistry - Westborough Lab Associated sample(s): 08,10 QC Batch ID: WG2064352-4 WG2064352-5 QC Sample: L2526798-01 Client ID: MS Sample												
Cyanide, Total	0.004J	0.2	0.214	107		0.164	82		80-120	5		20
General Chemistry - Westborough Lab Associated sample(s): 08,10 QC Batch ID: WG2064352-6 WG2064352-7 QC Sample: L2526798-02 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.173	86		0.168	84		80-120	3		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001.004B

Lab Number: L2527011

Report Date: 05/30/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03,05 QC Batch ID: WG2061423-3 QC Sample: L2527011-01 Client ID: RMW-03-250501						
Chromium, Hexavalent	ND	ND	mg/l	NC		20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2527011-01A	Vial HCl preserved	D	NA		3.9	Y	Absent		NYTCL-8260(14)
L2527011-01B	Vial HCl preserved	D	NA		3.9	Y	Absent		NYTCL-8260(14)
L2527011-01C	Vial HCl preserved	D	NA		3.9	Y	Absent		NYTCL-8260(14)
L2527011-01D	Plastic 250ml unpreserved	B	7	7	3.8	Y	Absent		HEXCR-7196(1)
L2527011-01E	Plastic 250ml HNO3 preserved	B	<2	<2	3.8	Y	Absent		SE-6020T(180),FE-6020T(180),TL-6020T(180),BA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),AG-6020T(180),CO-6020T(180)
L2527011-01F	Plastic 250ml NaOH preserved	B	>12	>12	3.8	Y	Absent		TCN-9010(14)
L2527011-01G	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2527011-01H	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2527011-01I	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8081-RVT(7)
L2527011-01J	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8081-RVT(7)
L2527011-01K	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8082-RVT(365)
L2527011-01L	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8082-RVT(365)
L2527011-01M	Amber 250ml unpreserved	B	7	7	3.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2527011-01N	Amber 250ml unpreserved	B	7	7	3.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2527011-01O	Amber 1L unpreserved	B	7	7	3.8	Y	Absent		HERB-APA(7)
L2527011-01P	Amber 1L unpreserved	B	7	7	3.8	Y	Absent		HERB-APA(7)
L2527011-01Q	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(28)
L2527011-01R	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(28)
L2527011-02A	Vial HCl preserved	D	NA		3.9	Y	Absent		NYTCL-8260(14)
L2527011-02B	Vial HCl preserved	D	NA		3.9	Y	Absent		NYTCL-8260(14)
L2527011-02C	Vial HCl preserved	D	NA		3.9	Y	Absent		NYTCL-8260(14)
L2527011-02D	Plastic 250ml unpreserved	B	7	7	3.8	Y	Absent		HEXCR-7196(1)
L2527011-02E	Plastic 250ml HNO3 preserved	B	<2	<2	3.8	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2527011-02F	Plastic 250ml NaOH preserved	B	>12	>12	3.8	Y	Absent		TCN-9010(14)
L2527011-02G	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2527011-02H	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2527011-02I	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8081-RVT(7)
L2527011-02J	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8081-RVT(7)
L2527011-02K	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8082-RVT(365)
L2527011-02L	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8082-RVT(365)
L2527011-02M	Amber 250ml unpreserved	B	7	7	3.8	Y	Absent		HOLD-1,4DIOX(7)
L2527011-02N	Amber 250ml unpreserved	B	7	7	3.8	Y	Absent		HOLD-1,4DIOX(7)
L2527011-02O	Amber 1L unpreserved	B	7	7	3.8	Y	Absent		HERB-APA(7)
L2527011-02P	Amber 1L unpreserved	B	7	7	3.8	Y	Absent		HERB-APA(7)
L2527011-02Q	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(28)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2527011-02R	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(28)
L2527011-03A	Vial HCl preserved	D	NA		3.9	Y	Absent		NYTCL-8260(14)
L2527011-03B	Vial HCl preserved	D	NA		3.9	Y	Absent		NYTCL-8260(14)
L2527011-03C	Vial HCl preserved	D	NA		3.9	Y	Absent		NYTCL-8260(14)
L2527011-03D	Plastic 250ml unpreserved	D	7	7	3.9	Y	Absent		HEXCR-7196(1)
L2527011-03E	Plastic 250ml HNO3 preserved	D	<2	<2	3.9	Y	Absent		SE-6020T(180),FE-6020T(180),TL-6020T(180),BA-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2527011-03F	Plastic 250ml NaOH preserved	D	>12	>12	3.9	Y	Absent		TCN-9010(14)
L2527011-03G	Amber 100ml unpreserved	D	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2527011-03H	Amber 100ml unpreserved	D	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2527011-03I	Amber 100ml unpreserved	D	7	7	3.9	Y	Absent		NYTCL-8081-RVT(7)
L2527011-03J	Amber 100ml unpreserved	D	7	7	3.9	Y	Absent		NYTCL-8081-RVT(7)
L2527011-03K	Amber 100ml unpreserved	D	7	7	3.9	Y	Absent		NYTCL-8082-RVT(365)
L2527011-03L	Amber 100ml unpreserved	D	7	7	3.9	Y	Absent		NYTCL-8082-RVT(365)
L2527011-03M	Amber 250ml unpreserved	D	7	7	3.9	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2527011-03N	Amber 250ml unpreserved	D	7	7	3.9	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2527011-03O	Amber 1L unpreserved	D	7	7	3.9	Y	Absent		HERB-APA(7)
L2527011-03P	Amber 1L unpreserved	D	7	7	3.9	Y	Absent		HERB-APA(7)
L2527011-03Q	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(28)
L2527011-03R	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(28)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2527011-04A	Plastic 250ml HNO3 preserved	C	<2	<2	2.7	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2527011-04A1	Plastic 250ml HNO3 preserved	C	<2	<2	2.7	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2527011-04A2	Plastic 250ml HNO3 preserved	C	<2	<2	2.7	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2527011-04B	Amber 100ml unpreserved	C	7	7	2.7	Y	Absent		FILTER-EXT(1)
L2527011-04B1	Amber 100ml unpreserved	C	7	7	2.7	Y	Absent		FILTER-EXT(1)
L2527011-04B2	Amber 100ml unpreserved	C	7	7	2.7	Y	Absent		FILTER-EXT(1)
L2527011-04C	Amber 100ml unpreserved	C	7	7	2.7	Y	Absent		FILTER-EXT(1)
L2527011-04C1	Amber 100ml unpreserved	C	7	7	2.7	Y	Absent		FILTER-EXT(1)
L2527011-04C2	Amber 100ml unpreserved	C	7	7	2.7	Y	Absent		FILTER-EXT(1)
L2527011-04D	Amber 100ml unpreserved	C	7	7	2.7	Y	Absent		NYTCL-8081-RVT(7)
L2527011-04D1	Amber 100ml unpreserved	C	7	7	2.7	Y	Absent		NYTCL-8081-RVT(7)
L2527011-04D2	Amber 100ml unpreserved	C	7	7	2.7	Y	Absent		NYTCL-8081-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2527011-04E	Amber 100ml unpreserved	C	7	7	2.7	Y	Absent		NYTCL-8081-RVT(7)
L2527011-04E1	Amber 100ml unpreserved	C	7	7	2.7	Y	Absent		NYTCL-8081-RVT(7)
L2527011-04E2	Amber 100ml unpreserved	C	7	7	2.7	Y	Absent		NYTCL-8081-RVT(7)
L2527011-04F	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(28)
L2527011-04F1	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(28)
L2527011-04F2	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(28)
L2527011-04G	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(28)
L2527011-04G1	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(28)
L2527011-04G2	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(28)
L2527011-04S	Amber 100ml unpreserved	C	7	7	2.7	Y	Absent		NYTCL-8081-RVT(7)
L2527011-04T	Amber 100ml unpreserved	C	7	7	2.7	Y	Absent		NYTCL-8081-RVT(7)
L2527011-04U	Amber 100ml unpreserved	C	7	7	2.7	Y	Absent		NYTCL-8081-RVT(7)
L2527011-04Y	Amber 100ml unpreserved Filtrates	C	NA		2.7	Y	Absent		NYTCL-8082-RVT(365)
L2527011-04Y1	Amber 100ml unpreserved Filtrates	C	NA		2.7	Y	Absent		NYTCL-8082-RVT(365)
L2527011-04Y2	Amber 100ml unpreserved Filtrates	C	NA		2.7	Y	Absent		NYTCL-8082-RVT(365)
L2527011-04Z	Amber 100ml unpreserved Filtrates	C	NA		2.7	Y	Absent		NYTCL-8082-RVT(365)
L2527011-04Z1	Amber 100ml unpreserved Filtrates	C	NA		2.7	Y	Absent		NYTCL-8082-RVT(365)
L2527011-04Z2	Amber 100ml unpreserved Filtrates	C	NA		2.7	Y	Absent		NYTCL-8082-RVT(365)
L2527011-05A	Vial HCl preserved	D	NA		3.9	Y	Absent		NYTCL-8260(14)
L2527011-05B	Vial HCl preserved	D	NA		3.9	Y	Absent		NYTCL-8260(14)
L2527011-05C	Vial HCl preserved	D	NA		3.9	Y	Absent		NYTCL-8260(14)
L2527011-05D	Plastic 250ml unpreserved	A	7	7	2.8	Y	Absent		HEXCR-7196(1)
L2527011-05E	Plastic 250ml HNO3 preserved	D	<2	<2	3.9	Y	Absent		TL-6020T(180),BA-6020T(180),SE-6020T(180),FE-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2527011-05F	Plastic 250ml NaOH preserved	D	>12	>12	3.9	Y	Absent		TCN-9010(14)
L2527011-05G	Amber 100ml unpreserved	D	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2527011-05H	Amber 100ml unpreserved	D	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2527011-05I	Amber 100ml unpreserved	D	7	7	3.9	Y	Absent		NYTCL-8081-RVT(7)
L2527011-05J	Amber 100ml unpreserved	D	7	7	3.9	Y	Absent		NYTCL-8081-RVT(7)
L2527011-05K	Amber 100ml unpreserved	D	7	7	3.9	Y	Absent		NYTCL-8082-RVT(365)
L2527011-05L	Amber 100ml unpreserved	D	7	7	3.9	Y	Absent		NYTCL-8082-RVT(365)
L2527011-05M	Amber 250ml unpreserved	D	7	7	3.9	Y	Absent		A2-1,4-DIOXANE-SIM(7),A2-L-EXT-14DIOXANE(7)
L2527011-05N	Amber 250ml unpreserved	D	7	7	3.9	Y	Absent		A2-1,4-DIOXANE-SIM(7),A2-L-EXT-14DIOXANE(7)
L2527011-05O	Amber 1L unpreserved	D	7	7	3.9	Y	Absent		HERB-APA(7)
L2527011-05P	Amber 1L unpreserved	D	7	7	3.9	Y	Absent		HERB-APA(7)
L2527011-05Q	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633(28)
L2527011-06A	Vial HCl preserved	D	NA		3.9	Y	Absent		ARCHIVE()
L2527011-06B	Vial HCl preserved	D	NA		3.9	Y	Absent		ARCHIVE()
L2527011-07A	Amber 100ml unpreserved	D	7	7	3.9	Y	Absent		FILTER-EXT(1)
L2527011-07Y	Amber 100ml unpreserved Filtrates	D	NA		3.9	Y	Absent		NYTCL-8082-RVT(365)
L2527011-08F	Amber 100ml unpreserved	D	NA		3.9	Y	Absent		NYTCL-8082-RVT(365)
L2527011-08G	Amber 100ml unpreserved	D	NA		3.9	Y	Absent		NYTCL-8082-RVT(365)
L2527011-08K	Plastic 250ml HNO3 preserved	D	NA		3.9	Y	Absent		BA-6020T(180),TL-6020T(180),SE-6020T(180),FE-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2527011-09Y	Amber 100ml unpreserved Filtrates	D	NA		3.9	Y	Absent		NYTCL-8082-RVT(365)
L2527011-10F	Amber 100ml unpreserved	D	NA		3.9	Y	Absent		NYTCL-8082-RVT(365)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2527011-10G	Amber 100ml unpreserved	D	NA		3.9	Y	Absent		NYTCL-8082-RVT(365)
L2527011-10K	Plastic 250ml HNO3 preserved	D	NA		3.9	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),CD-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2527011-11Y	Amber 100ml unpreserved Filtrates	D	NA		3.9	Y	Absent		NYTCL-8082-RVT(365)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B

Lab Number: L2527011
Report Date: 05/30/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2527011
Project Number:	CV04.001.004B	**Report Date:**	05/30/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2527011
Project Number:	CV04.001.004B	**Report Date:**	05/30/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2527011
Project Number:	CV04.001.004B	**Report Date:**	05/30/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.004B
Lab Number: L2527011
Report Date: 05/30/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/1/25

ALPHA Job #: L2527011

Client Information
Client: Terraphase Engineering
Address: 1100 E. Hector St. Ste400
Conshohocken, PA 19428
Phone: 201-552-0224
Fax:
Email: nicholas.krasnecky@terraphase.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Rd.
Project #: CV04.001.004B
(Use Project name as Project #) ☐
Project Manager: Nick Krasnecky
ALPHAQuote #: 29992

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other NYS Analytical Services Protocol Cat B.

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Please send EDD to EDD@terraphase.com

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PFAS via 1633	TCL VOCs + 10 TICs	TCL SVOCs + 20 TICs	TAL metals, + mercury and chromium(VI)	1,4-dioxane	TCL pesticides	TCL Herbicides	TCL PCBs	Dissolved PCBs	Total cyanide	Sample Specific Comments	Total Bottle
27011-01	RMW-03-250501	5/1/25	830	GW	EEJ	X	X	X	X	H	X	X	X		X	24 hr hold time for chromium VI	
-02	DUP-01 ~~25050~~ 01	5/1/25	840	GW	EEJ	X	X	X	X	H	X	X	X		X	"	
-03	RMW-07-250501	5/1/25	1100	GW	EEJ	X	X	X	X	H	X	X	X		X	"	
-04	RMW-10-250501	5/1/25	1305	GW	EEJ	X			X		X			X		*no mercury or chromium	VI
↓	RMW-10-250501 MS	5/1/25	1305	GW	EEJ	X			X		X			X		*no mercury or chromium	VI
	RMW-10-250501 MSD	5/1/25	1305	GW	EEJ	X			X		X			X		*no mercury or chromium	VI
-05 07	EB-GW-250501	5/1/25	1400	GW	EEJ	X	X	X	X	H	X	X	X	X	X	24 hr. hold for chromium VI	
-06	TB-250501	5/1/25	1565	GW	EEJ		X										
	~~Ellie Johnston~~	5-1-25															

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type																	
Preservative																	

Relinquished By:	Date/Time	Received By:	Date/Time
Ellie Johnston TEI	5/1/25	(PACE)	5/1/25 (16:00)
(PACE)	5/1/25 (16:03)	Paul Mazzella	5/1/25 1645
Paul Mazzella	5/1/25		
	5-1-25 2330		05101125-2330

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 05/01/24

ALPHA Job #: L2520697

Client Information
Client: Terraphase Engineering
Address: 1100 E. Hector St. Ste400
Conshohocken, PA 19428
Phone: 201-552-0224
Fax:
Email: nicholas.krasnecky@terraphase.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Rd.
Project #: CV04.0D1.004B
(Use Project name as Project #): ☐
Project Manager: Nick Krasnecky
ALPHAQuote #: 29992

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Please send TEI EQuIS EDD to EDD@terraphase.com
NYS Analytical Services Protocol Cat. B
More GW samples to come, please keep SDG open

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other see notes

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☑ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs + 10 TICs	TCL SVOCs + 20 TICs	TAL Metals: Mercury dissolved rec'd	TCL PCBs + Mirex	TCL Pesticides	Chromium (VI)	TCL Herbicides	PFAS	Total Cyanide	Sample Specific Comments
L2520697-01	MW-11D-250430	4/30/25	1200	GW	EEJ	X	X	X	X	X	X	X	X	X	* 24 hr hold for Hexchrom
-02	MW-09D-250430	4/30/25	1445	GW	EEJ	X	X	X	X	X	X	X	X	X	"
-03	TB-250430	4/30/25	1635	GW	EEJ	X									

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

Ellie Jenkins 4/30/25

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
Ellie Jenkins TEI	4/30/25 1638	[illegible]	4/30/25 1640
[illegible]	4/30/25 1735	NJSC	4/30 1735
NJSC	4/30/25 1840	[illegible]	4/30 1840
[illegible]	4/30 2135	[illegible]	4/30 2135
[illegible]	5-1-25 0040	[illegible]	5/1 0040

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2533649
Client:	Terraphase Engineering Inc. 222 International Drive Suite 150 Portsmouth, NH 03801
ATTN:	Nicholas Krasnecky
Phone:	(858) 385-0022
Project Name:	ELMWOOD PRESERVE
Project Number:	CV04.001.009
Report Date:	07/02/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2533649-01	SS-01R-0-0.5	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 09:55	05/29/25
L2533649-02	SS-01R-0.5-1	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 10:00	05/29/25
L2533649-03	SS-01R-1-2	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 10:15	05/29/25
L2533649-04	SS-02R-0-0.5	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 10:30	05/29/25
L2533649-05	SS-02R-0.5-1	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 10:45	05/29/25
L2533649-06	SS-02R-1-2	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 10:55	05/29/25
L2533649-07	SS-03R-0-0.5	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 11:15	05/29/25
L2533649-08	SS-03R-0.5-1	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 11:25	05/29/25
L2533649-09	SS-03R-1-2	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 11:35	05/29/25
L2533649-10	SS-04-0-0.5	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 12:15	05/29/25
L2533649-11	SS-04-0.5-1	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 12:25	05/29/25
L2533649-12	SS-04-1-2	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 12:35	05/29/25
L2533649-13	SW-01R-0-0.5	WATER	850 DOBBS FERRY RD.	05/29/25 12:40	05/29/25
L2533649-14	SS-05-0-0.5	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 12:45	05/29/25
L2533649-15	SS-05-0.5-1	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 12:55	05/29/25
L2533649-16	SS-05-1-2	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 13:05	05/29/25
L2533649-17	SW-02R-0-0.5	WATER	850 DOBBS FERRY RD.	05/29/25 13:15	05/29/25
L2533649-18	SW-03R-0-0.5	WATER	850 DOBBS FERRY RD.	05/29/25 13:45	05/29/25
L2533649-19	SW-04-4-5	WATER	850 DOBBS FERRY RD.	05/29/25 14:00	05/29/25
L2533649-20	SW-05-4-5	WATER	850 DOBBS FERRY RD.	05/29/25 14:15	05/29/25
L2533649-21	SS-07-0-0.5	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 16:20	05/29/25
L2533649-22	SS-08-0-0.5	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 17:35	05/29/25
L2533649-23	DUP-01-250529	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 17:35	05/29/25
L2533649-24	SS-08-0.5-1	SEDIMENT	850 DOBBS FERRY RD.	05/29/25 17:55	05/29/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2533649-25	TB-250529	WATER	850 DOBBS FERRY RD.	05/29/25 18:20	05/29/25
L2533649-26	SW-08-0-0.5	WATER	850 DOBBS FERRY RD.	05/30/25 10:45	05/30/25
L2533649-27	SW-07-0-0.5	WATER	850 DOBBS FERRY RD.	05/30/25 11:45	05/30/25
L2533649-28	DUP-02-250530	WATER	850 DOBBS FERRY RD.	05/30/25 12:00	05/30/25
L2533649-29	SS-06-0-0.5	SEDIMENT	850 DOBBS FERRY RD.	05/30/25 13:00	05/30/25
L2533649-30	DUP-03-250530	SEDIMENT	850 DOBBS FERRY RD.	05/30/25 13:10	05/30/25
L2533649-31	SW-06-0-0.5	WATER	850 DOBBS FERRY RD.	05/30/25 13:30	05/30/25
L2533649-32	FB-SED-250530	WATER	850 DOBBS FERRY RD.	05/30/25 14:45	05/30/25
L2533649-33	FB-SW-250530	WATER	850 DOBBS FERRY RD.	05/30/25 15:00	05/30/25

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2533649
Project Number:	CV04.001.009	**Report Date:**	07/02/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649
Project Number: CV04.001.009 **Report Date:** 07/02/25

Case Narrative (continued)

Report Submission

July 02, 2025: This final report includes the results of all requested analyses.

Additional requests will be reported separately.

June 30, 2025: This preliminary report includes the results of the following analyses:

L2533649-01 through -12, -14, -15, -16, -21, -22, -23, -24, and -29: Total Organic Carbon

June 25, 2025: This preliminary report includes the results of the following analyses:

L2533649-08 and -15: Volatile Organics, Semivolatile Organics, Perfluorinated Alkyl Acids by 1633, PCBs, and Herbicides

June 17, 2025: This preliminary report includes the results of the following analyses:

L2533649-01, -04, -07, -10, -14, -21 through -24, and -29: PFAs

L2533649-08 and -15: Total Cyanide

L2533649-13, -17 through -20, -26, -27, -28, -31, -32, and -33: Total Metals

June 11, 2025: This is a preliminary report.

Please note that your project has contingency samples on hold. Contact your project manager to request additional analyses within 3 business days of receiving this report. Requests made after this time frame will be reported separately.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

The WG2076493-5 Method Blank associated with L2533649-01 has a concentration above the reporting limit for bromomethane. Since the associated sample concentration is non-detect to the RL for this target analyte, no corrective action is required.

Semivolatile Organics

The WG2073421-4/-5 MS/MSD recoveries performed on L2533649-29 are below the acceptance criteria for

Case Narrative (continued)

2,4-dinitrophenol (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.
The WG2073421-4/-5 MS/MSD recoveries performed on L2533649-29 are below the acceptance criteria for 4,6-dinitro-o-cresol (7%/7%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Perfluorinated Alkyl Acids by 1633
L2533649-01: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (175%), 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (248%), 1h,1h,2h,2h-perfluoro[1,2-13c2]decanesulfonic acid (m2-8:2fts) (295%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (182%), and n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (167%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.
L2533649-04: The Extracted Internal Standard recovery was above the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (139%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.
L2533649-10: The Extracted Internal Standard recoveries were above the acceptance criteria for perfluoro[13c5]pentanoic acid (m5pfpea) (138%), 1h,1h,2h,2h-perfluoro[1,2-13c2]decanesulfonic acid (m2-8:2fts) (324%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (210%), and n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (197%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.
L2533649-13: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (275%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (211%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.
L2533649-14: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (179%), 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic

Case Narrative (continued)

acid (m2-6:2fts) (280%), 1h,1h,2h,2h-perfluoro[1,2-13c2]decanesulfonic acid (m2-8:2fts) (303%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (202%), and n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (188%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2533649-15: The Extracted Internal Standard recovery was above the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (145%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2533649-17: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (267%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (205%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2533649-18: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (252%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (236%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2533649-19: The Extracted Internal Standard recovery was above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (256%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2533649-20: The Extracted Internal Standard recovery was above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (246%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2533649-23: The Extracted Internal Standard recoveries were above the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (142%) and n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (160%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2533649-24: The Extracted Internal Standard recoveries were above the acceptance criteria for perfluoro[13c5]pentanoic acid (m5pfpea) (134%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649
Project Number: CV04.001.009 **Report Date:** 07/02/25

Case Narrative (continued)

(d3-nmefosaa) (153%), and n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (167%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.
L2533649-29: The Extracted Internal Standard recovery was above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (172%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.
WG2077073-1: The Extracted Internal Standard recovery was above the acceptance criteria for perfluoro[13c5]pentanoic acid (m5pfpea) (132%). Since the Method Blank was non-detect to the RL for all associated target analytes, re-analysis was not required.
The WG2077073-2 LCS recoveries associated with L2533649-01, -04, -07, -10, -14, -21 through -24, and -29 are above the acceptance criteria for 4,8-dioxa-3h-perfluorononanoic acid (adona) (162%) and 2h,2h,3h,3h-perfluorooctanoic acid (5:3ftca) (139%); however, the associated samples are non-detect to the reporting limits for these target analytes. The results of the original analysis are reported.
The WG2077073-4/-5 MS/MSD recoveries performed on L2533649-29 are outside the acceptance criteria for 2h,2h,3h,3h-perfluorooctanoic acid (5:3ftca) (132%/143%).
The Extracted Internal Standard recoveries for the WG2077073-4/-5 MS/MSD performed on L2533649-29 are outside the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (MSD 169%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (176%/164%), and n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (161%/156%). The associated MS/MSD spike compounds are within criteria; therefore, no further action was taken.

Pesticides
L2533649-01 and -10: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.
L2533649-02: The internal standard (IS) response for 1-bromo-2-nitrobenzene (510%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (14%) and decachlorobiphenyl (7%) due to interference with the Internal Standard.

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2533649
Project Number:	CV04.001.009	**Report Date:**	07/02/25

Case Narrative (continued)

L2533649-03: The internal standard (IS) response for 1-bromo-2-nitrobenzene (566%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (12%) and decachlorobiphenyl (10%) due to interference with the Internal Standard.

L2533649-05: The internal standard (IS) response for 1-bromo-2-nitrobenzene (201%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recovery is outside the method acceptance criteria for decachlorobiphenyl (28%) due to interference with the Internal Standard.

L2533649-06: The internal standard (IS) response for 1-bromo-2-nitrobenzene (217%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recovery is outside the method acceptance criteria for decachlorobiphenyl (29%) due to interference with the Internal Standard.

L2533649-11: The internal standard (IS) response for 1-bromo-2-nitrobenzene (361%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (19%) and decachlorobiphenyl (17%) due to interference with the Internal Standard.

L2533649-12: The internal standard (IS) response for 1-bromo-2-nitrobenzene (412%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (15%) and decachlorobiphenyl (12%) due to interference with the Internal Standard.

L2533649-14: The internal standard (IS) response for 1-bromo-2-nitrobenzene (653%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (10%) and decachlorobiphenyl (8%) due to interference with the Internal Standard.

L2533649-15: The internal standard (IS) response for 1-bromo-2-nitrobenzene (673%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (10%) and

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2533649
Project Number:	CV04.001.009	**Report Date:**	07/02/25

Case Narrative (continued)

decachlorobiphenyl (9%) due to interference with the Internal Standard.
L2533649-16: The internal standard (IS) response for 1-bromo-2-nitrobenzene (1139%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (5%) and decachlorobiphenyl (4%) due to interference with the Internal Standard.

Herbicides
L2533649-10 and -14: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

Total Metals
L2533649-01 through -12, -14, -15, -16, -21 through -24, -29, and -30: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
The WG2073427-1 Method Blank associated with L2533649-29 and -30 has a concentration above the reporting limit for manganese. Since the associated sample concentrations are greater than 10x the blank concentration, no corrective action is required.
The WG2073427-3/-4 MS/MSD recoveries performed on L2533649-29 do not apply for aluminum (0%/156%) and iron (0%/494%) because the sample concentrations are greater than four times the spike amounts added.
The WG2073427-3/-4 MS/MSD recoveries performed on L2533649-29 are outside the acceptance criteria for calcium (MS 130%) and manganese (MSD 137%). A post digestion spike was performed and was within acceptance criteria.
The WG2073427-3/-4 MS/MSD RPDs performed on L2533649-29 are above the acceptance criteria for iron (38%) and manganese (27%).
The WG2074417-3 MS recovery performed on L2533649-02 is outside the acceptance criteria for aluminum (172%). A post digestion spike was performed and was within acceptance criteria.
The WG2074417-3 MS recovery performed on L2533649-02 does not apply for calcium (190%) because the sample concentration is greater than four times the spike amount added.

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649
Project Number: CV04.001.009 **Report Date:** 07/02/25

Case Narrative (continued)

The WG2074817-3/-4 MS/MSD recoveries performed on L2533649-26 are outside the acceptance criteria for calcium (149%/136%). A post digestion spike was performed and was within acceptance criteria.

Total Organic Carbon

L2533649-01 through -12, -14, -15, -16, -21 through -24, and -29: The sample was frozen upon receipt in order to arrest the holding time.

The WG2083760-4/-5 MS/MSD recoveries performed on L2533649-05 are outside the acceptance criteria for total organic carbon (rep1) (127%/68%); however, the associated LCS recovery is within criteria. No further action was taken. The MS/MSD RPD is above the acceptance criteria for total organic carbon (rep1) (29%).

Cyanide, Total

L2533649-08 and -15: The sample was prepared within holding time but analyzed with the method required holding time exceeded.

The WG2078059-2 LCS recovery associated with L2533649-08 and -15 is outside our in-house acceptance criteria for cyanide, total (77%), but within the vendor-certified acceptance limits. The results of the original analysis are reported.

Chromium, Hexavalent

L2533649-26: The sample has an elevated detection limit due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 07/02/25

ORGANICS

VOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-01
Client ID: SS-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 09:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8260D
Analytical Date: 06/07/25 19:44
Analyst: JIC
Percent Solids: 17%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	51	23.	1
1,1-Dichloroethane	ND		ug/kg	10	1.5	1
Chloroform	ND		ug/kg	15	1.4	1
Carbon tetrachloride	ND		ug/kg	10	2.3	1
1,2-Dichloropropane	ND		ug/kg	10	1.3	1
Dibromochloromethane	ND		ug/kg	10	1.4	1
1,1,2-Trichloroethane	ND		ug/kg	10	2.7	1
Tetrachloroethene	ND		ug/kg	5.1	2.0	1
Chlorobenzene	ND		ug/kg	5.1	1.3	1
Trichlorofluoromethane	ND		ug/kg	40	7.0	1
1,2-Dichloroethane	ND		ug/kg	10	2.6	1
1,1,1-Trichloroethane	ND		ug/kg	5.1	1.7	1
Bromodichloromethane	ND		ug/kg	5.1	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	10	2.8	1
cis-1,3-Dichloropropene	ND		ug/kg	5.1	1.6	1
1,3-Dichloropropene, Total	ND		ug/kg	5.1	1.6	1
1,1-Dichloropropene	ND		ug/kg	5.1	1.6	1
Bromoform	ND		ug/kg	40	2.5	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	5.1	1.7	1
Benzene	ND		ug/kg	5.1	1.7	1
Toluene	ND		ug/kg	10	5.5	1
Ethylbenzene	ND		ug/kg	10	1.4	1
Chloromethane	ND		ug/kg	40	9.4	1
Bromomethane	ND		ug/kg	20	5.9	1
Vinyl chloride	ND		ug/kg	10	3.4	1
Chloroethane	ND		ug/kg	20	4.6	1
1,1-Dichloroethene	ND		ug/kg	10	2.4	1
trans-1,2-Dichloroethene	ND		ug/kg	15	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-01 Date Collected: 05/29/25 09:55

Client ID: SS-01R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	5.1	1.4	1
1,2-Dichlorobenzene	ND		ug/kg	20	1.5	1
1,3-Dichlorobenzene	ND		ug/kg	20	1.5	1
1,4-Dichlorobenzene	ND		ug/kg	20	1.7	1
Methyl tert butyl ether	ND		ug/kg	20	2.0	1
p/m-Xylene	ND		ug/kg	20	5.7	1
o-Xylene	ND		ug/kg	10	3.0	1
Xylenes, Total	ND		ug/kg	10	3.0	1
cis-1,2-Dichloroethene	ND		ug/kg	10	1.8	1
1,2-Dichloroethene, Total	ND		ug/kg	10	1.4	1
Dibromomethane	ND		ug/kg	20	2.4	1
Styrene	ND		ug/kg	10	2.0	1
Dichlorodifluoromethane	ND		ug/kg	100	9.3	1
Acetone	340		ug/kg	100	49.	1
Carbon disulfide	ND		ug/kg	100	46.	1
2-Butanone	100		ug/kg	100	22.	1
Vinyl acetate	ND		ug/kg	100	22.	1
4-Methyl-2-pentanone	ND		ug/kg	100	13.	1
1,2,3-Trichloropropane	ND		ug/kg	20	1.3	1
2-Hexanone	ND		ug/kg	100	12.	1
Bromochloromethane	ND		ug/kg	20	2.1	1
2,2-Dichloropropane	ND		ug/kg	20	2.0	1
1,2-Dibromoethane	ND		ug/kg	10	2.8	1
1,3-Dichloropropane	ND		ug/kg	20	1.7	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	5.1	1.3	1
Bromobenzene	ND		ug/kg	20	1.5	1
n-Butylbenzene	ND		ug/kg	10	1.7	1
sec-Butylbenzene	ND		ug/kg	10	1.5	1
tert-Butylbenzene	ND		ug/kg	20	1.2	1
o-Chlorotoluene	ND		ug/kg	20	1.9	1
p-Chlorotoluene	ND		ug/kg	20	1.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	30	10.	1
Hexachlorobutadiene	ND		ug/kg	40	1.7	1
Isopropylbenzene	ND		ug/kg	10	1.1	1
p-Isopropyltoluene	ND		ug/kg	10	1.1	1
Naphthalene	ND		ug/kg	40	6.6	1
Acrylonitrile	ND		ug/kg	40	12.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-01 Date Collected: 05/29/25 09:55

Client ID: SS-01R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	10	1.7	1
1,2,3-Trichlorobenzene	ND		ug/kg	20	3.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	20	2.8	1
1,3,5-Trimethylbenzene	ND		ug/kg	20	2.0	1
1,2,4-Trimethylbenzene	ND		ug/kg	20	3.4	1
1,4-Dioxane	ND		ug/kg	810	360	1
p-Diethylbenzene	ND		ug/kg	20	1.8	1
p-Ethyltoluene	ND		ug/kg	20	3.9	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	20	1.9	1
Ethyl ether	ND		ug/kg	20	3.4	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	51	14.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	84		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	122		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-04
Client ID: SS-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 10:30
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8260D
Analytical Date: 06/06/25 13:57
Analyst: AJK
Percent Solids: 68%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-04 Date Collected: 05/29/25 10:30

Client ID: SS-02R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.27	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	10	J	ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.18	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.16	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.3	0.86	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-04 Date Collected: 05/29/25 10:30

Client ID: SS-02R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.24	1
p-Ethyltoluene	ND		ug/kg	2.6	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**131**	Q	70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-07
Client ID: SS-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 11:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8260D
Analytical Date: 06/06/25 14:20
Analyst: AJK
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-07 Date Collected: 05/29/25 11:15

Client ID: SS-03R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	7.2	J	ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.13	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.69	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-07 Date Collected: 05/29/25 11:15

Client ID: SS-03R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	86	38.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-08
Client ID: SS-03R-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 11:25
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8260D
Analytical Date: 06/12/25 12:07
Analyst: AJK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-08 Date Collected: 05/29/25 11:25

Client ID: SS-03R-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.90	1
Acetone	ND		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	4.0	0.64	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-08 Date Collected: 05/29/25 11:25

Client ID: SS-03R-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-10
Client ID: SS-04-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8260D
Analytical Date: 06/06/25 14:43
Analyst: AJK
Percent Solids: 12%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	74	34.	1
1,1-Dichloroethane	ND		ug/kg	15	2.2	1
Chloroform	ND		ug/kg	22	2.1	1
Carbon tetrachloride	ND		ug/kg	15	3.4	1
1,2-Dichloropropane	ND		ug/kg	15	1.8	1
Dibromochloromethane	ND		ug/kg	15	2.1	1
1,1,2-Trichloroethane	ND		ug/kg	15	4.0	1
Tetrachloroethene	ND		ug/kg	7.4	2.9	1
Chlorobenzene	ND		ug/kg	7.4	1.9	1
Trichlorofluoromethane	ND		ug/kg	59	10.	1
1,2-Dichloroethane	ND		ug/kg	15	3.8	1
1,1,1-Trichloroethane	ND		ug/kg	7.4	2.5	1
Bromodichloromethane	ND		ug/kg	7.4	1.6	1
trans-1,3-Dichloropropene	ND		ug/kg	15	4.0	1
cis-1,3-Dichloropropene	ND		ug/kg	7.4	2.3	1
1,3-Dichloropropene, Total	ND		ug/kg	7.4	2.3	1
1,1-Dichloropropene	ND		ug/kg	7.4	2.4	1
Bromoform	ND		ug/kg	59	3.6	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	7.4	2.5	1
Benzene	ND		ug/kg	7.4	2.5	1
Toluene	ND		ug/kg	15	8.1	1
Ethylbenzene	ND		ug/kg	15	2.1	1
Chloromethane	ND		ug/kg	59	14.	1
Bromomethane	ND		ug/kg	30	8.6	1
Vinyl chloride	ND		ug/kg	15	5.0	1
Chloroethane	ND		ug/kg	30	6.7	1
1,1-Dichloroethene	ND		ug/kg	15	3.5	1
trans-1,2-Dichloroethene	ND		ug/kg	22	2.0	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-10 Date Collected: 05/29/25 12:15

Client ID: SS-04-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	7.4	2.0	1
1,2-Dichlorobenzene	ND		ug/kg	30	2.1	1
1,3-Dichlorobenzene	ND		ug/kg	30	2.2	1
1,4-Dichlorobenzene	ND		ug/kg	30	2.5	1
Methyl tert butyl ether	ND		ug/kg	30	3.0	1
p/m-Xylene	ND		ug/kg	30	8.3	1
o-Xylene	ND		ug/kg	15	4.3	1
Xylenes, Total	ND		ug/kg	15	4.3	1
cis-1,2-Dichloroethene	ND		ug/kg	15	2.6	1
1,2-Dichloroethene, Total	ND		ug/kg	15	2.0	1
Dibromomethane	ND		ug/kg	30	3.5	1
Styrene	ND		ug/kg	15	2.9	1
Dichlorodifluoromethane	ND		ug/kg	150	14.	1
Acetone	1200		ug/kg	150	72.	1
Carbon disulfide	ND		ug/kg	150	68.	1
2-Butanone	260		ug/kg	150	33.	1
Vinyl acetate	ND		ug/kg	150	32.	1
4-Methyl-2-pentanone	ND		ug/kg	150	19.	1
1,2,3-Trichloropropane	ND		ug/kg	30	1.9	1
2-Hexanone	ND		ug/kg	150	18.	1
Bromochloromethane	ND		ug/kg	30	3.0	1
2,2-Dichloropropane	ND		ug/kg	30	3.0	1
1,2-Dibromoethane	ND		ug/kg	15	4.1	1
1,3-Dichloropropane	ND		ug/kg	30	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	7.4	2.0	1
Bromobenzene	ND		ug/kg	30	2.2	1
n-Butylbenzene	ND		ug/kg	15	2.5	1
sec-Butylbenzene	ND		ug/kg	15	2.2	1
tert-Butylbenzene	ND		ug/kg	30	1.8	1
o-Chlorotoluene	ND		ug/kg	30	2.8	1
p-Chlorotoluene	ND		ug/kg	30	1.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	44	15.	1
Hexachlorobutadiene	ND		ug/kg	59	2.5	1
Isopropylbenzene	ND		ug/kg	15	1.6	1
p-Isopropyltoluene	ND		ug/kg	15	1.6	1
Naphthalene	ND		ug/kg	59	9.7	1
Acrylonitrile	ND		ug/kg	59	17.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-10 Date Collected: 05/29/25 12:15

Client ID: SS-04-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	15	2.5	1
1,2,3-Trichlorobenzene	ND		ug/kg	30	4.8	1
1,2,4-Trichlorobenzene	ND		ug/kg	30	4.0	1
1,3,5-Trimethylbenzene	ND		ug/kg	30	2.9	1
1,2,4-Trimethylbenzene	ND		ug/kg	30	5.0	1
1,4-Dioxane	ND		ug/kg	1200	520	1
p-Diethylbenzene	ND		ug/kg	30	2.6	1
p-Ethyltoluene	ND		ug/kg	30	5.7	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	30	2.8	1
Ethyl ether	ND		ug/kg	30	5.1	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	74	21.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	121		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13
Client ID: SW-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:40
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/09/25 10:19
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13 Date Collected: 05/29/25 12:40

Client ID: SW-01R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13 Date Collected: 05/29/25 12:40

Client ID: SW-01R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-14
Client ID: SS-05-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8260D
Analytical Date: 06/06/25 15:06
Analyst: AJK
Percent Solids: 11%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	80	37.	1
1,1-Dichloroethane	ND		ug/kg	16	2.3	1
Chloroform	ND		ug/kg	24	2.2	1
Carbon tetrachloride	ND		ug/kg	16	3.7	1
1,2-Dichloropropane	ND		ug/kg	16	2.0	1
Dibromochloromethane	ND		ug/kg	16	2.2	1
1,1,2-Trichloroethane	ND		ug/kg	16	4.3	1
Tetrachloroethene	ND		ug/kg	8.0	3.1	1
Chlorobenzene	ND		ug/kg	8.0	2.0	1
Trichlorofluoromethane	ND		ug/kg	64	11.	1
1,2-Dichloroethane	ND		ug/kg	16	4.1	1
1,1,1-Trichloroethane	ND		ug/kg	8.0	2.7	1
Bromodichloromethane	ND		ug/kg	8.0	1.7	1
trans-1,3-Dichloropropene	ND		ug/kg	16	4.4	1
cis-1,3-Dichloropropene	ND		ug/kg	8.0	2.5	1
1,3-Dichloropropene, Total	ND		ug/kg	8.0	2.5	1
1,1-Dichloropropene	ND		ug/kg	8.0	2.6	1
Bromoform	ND		ug/kg	64	3.9	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	8.0	2.7	1
Benzene	ND		ug/kg	8.0	2.7	1
Toluene	ND		ug/kg	16	8.7	1
Ethylbenzene	ND		ug/kg	16	2.3	1
Chloromethane	ND		ug/kg	64	15.	1
Bromomethane	ND		ug/kg	32	9.3	1
Vinyl chloride	ND		ug/kg	16	5.4	1
Chloroethane	ND		ug/kg	32	7.2	1
1,1-Dichloroethene	ND		ug/kg	16	3.8	1
trans-1,2-Dichloroethene	ND		ug/kg	24	2.2	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-14 Date Collected: 05/29/25 12:45

Client ID: SS-05-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	8.0	2.2	1
1,2-Dichlorobenzene	ND		ug/kg	32	2.3	1
1,3-Dichlorobenzene	2.5	J	ug/kg	32	2.4	1
1,4-Dichlorobenzene	2.9	J	ug/kg	32	2.7	1
Methyl tert butyl ether	ND		ug/kg	32	3.2	1
p/m-Xylene	ND		ug/kg	32	9.0	1
o-Xylene	ND		ug/kg	16	4.7	1
Xylenes, Total	ND		ug/kg	16	4.7	1
cis-1,2-Dichloroethene	ND		ug/kg	16	2.8	1
1,2-Dichloroethene, Total	ND		ug/kg	16	2.2	1
Dibromomethane	ND		ug/kg	32	3.8	1
Styrene	ND		ug/kg	16	3.1	1
Dichlorodifluoromethane	ND		ug/kg	160	15.	1
Acetone	1800		ug/kg	160	77.	1
Carbon disulfide	ND		ug/kg	160	73.	1
2-Butanone	460		ug/kg	160	36.	1
Vinyl acetate	ND		ug/kg	160	34.	1
4-Methyl-2-pentanone	ND		ug/kg	160	20.	1
1,2,3-Trichloropropane	ND		ug/kg	32	2.0	1
2-Hexanone	ND		ug/kg	160	19.	1
Bromochloromethane	ND		ug/kg	32	3.3	1
2,2-Dichloropropane	ND		ug/kg	32	3.2	1
1,2-Dibromoethane	ND		ug/kg	16	4.5	1
1,3-Dichloropropane	ND		ug/kg	32	2.7	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	8.0	2.1	1
Bromobenzene	ND		ug/kg	32	2.3	1
n-Butylbenzene	ND		ug/kg	16	2.7	1
sec-Butylbenzene	ND		ug/kg	16	2.3	1
tert-Butylbenzene	ND		ug/kg	32	1.9	1
o-Chlorotoluene	ND		ug/kg	32	3.1	1
p-Chlorotoluene	ND		ug/kg	32	1.7	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	48	16.	1
Hexachlorobutadiene	ND		ug/kg	64	2.7	1
Isopropylbenzene	ND		ug/kg	16	1.7	1
p-Isopropyltoluene	ND		ug/kg	16	1.7	1
Naphthalene	ND		ug/kg	64	10.	1
Acrylonitrile	ND		ug/kg	64	18.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-14 Date Collected: 05/29/25 12:45

Client ID: SS-05-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	16	2.7	1
1,2,3-Trichlorobenzene	ND		ug/kg	32	5.2	1
1,2,4-Trichlorobenzene	ND		ug/kg	32	4.4	1
1,3,5-Trimethylbenzene	ND		ug/kg	32	3.1	1
1,2,4-Trimethylbenzene	ND		ug/kg	32	5.4	1
1,4-Dioxane	ND		ug/kg	1300	560	1
p-Diethylbenzene	ND		ug/kg	32	2.8	1
p-Ethyltoluene	ND		ug/kg	32	6.2	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	32	3.1	1
Ethyl ether	ND		ug/kg	32	5.5	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	80	23.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	101		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-15
Client ID: SS-05-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8260D
Analytical Date: 06/12/25 12:45
Analyst: AJK
Percent Solids: 14%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	50	23.	1
1,1-Dichloroethane	ND		ug/kg	10	1.4	1
Chloroform	ND		ug/kg	15	1.4	1
Carbon tetrachloride	ND		ug/kg	10	2.3	1
1,2-Dichloropropane	ND		ug/kg	10	1.2	1
Dibromochloromethane	ND		ug/kg	10	1.4	1
1,1,2-Trichloroethane	ND		ug/kg	10	2.7	1
Tetrachloroethene	ND		ug/kg	5.0	2.0	1
Chlorobenzene	ND		ug/kg	5.0	1.3	1
Trichlorofluoromethane	ND		ug/kg	40	6.9	1
1,2-Dichloroethane	ND		ug/kg	10	2.6	1
1,1,1-Trichloroethane	ND		ug/kg	5.0	1.7	1
Bromodichloromethane	ND		ug/kg	5.0	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	10	2.7	1
cis-1,3-Dichloropropene	ND		ug/kg	5.0	1.6	1
1,3-Dichloropropene, Total	ND		ug/kg	5.0	1.6	1
1,1-Dichloropropene	ND		ug/kg	5.0	1.6	1
Bromoform	ND		ug/kg	40	2.4	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	5.0	1.6	1
Benzene	ND		ug/kg	5.0	1.6	1
Toluene	ND		ug/kg	10	5.4	1
Ethylbenzene	ND		ug/kg	10	1.4	1
Chloromethane	ND		ug/kg	40	9.3	1
Bromomethane	ND		ug/kg	20	5.8	1
Vinyl chloride	ND		ug/kg	10	3.3	1
Chloroethane	ND		ug/kg	20	4.5	1
1,1-Dichloroethene	ND		ug/kg	10	2.4	1
trans-1,2-Dichloroethene	ND		ug/kg	15	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-15 Date Collected: 05/29/25 12:55

Client ID: SS-05-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	5.0	1.4	1
1,2-Dichlorobenzene	ND		ug/kg	20	1.4	1
1,3-Dichlorobenzene	ND		ug/kg	20	1.5	1
1,4-Dichlorobenzene	ND		ug/kg	20	1.7	1
Methyl tert butyl ether	ND		ug/kg	20	2.0	1
p/m-Xylene	ND		ug/kg	20	5.6	1
o-Xylene	ND		ug/kg	10	2.9	1
Xylenes, Total	ND		ug/kg	10	2.9	1
cis-1,2-Dichloroethene	ND		ug/kg	10	1.7	1
1,2-Dichloroethene, Total	ND		ug/kg	10	1.4	1
Dibromomethane	ND		ug/kg	20	2.4	1
Styrene	ND		ug/kg	10	2.0	1
Dichlorodifluoromethane	ND		ug/kg	100	9.1	1
Acetone	260		ug/kg	100	48.	1
Carbon disulfide	ND		ug/kg	100	45.	1
2-Butanone	110		ug/kg	100	22.	1
Vinyl acetate	ND		ug/kg	100	21.	1
4-Methyl-2-pentanone	ND		ug/kg	100	13.	1
1,2,3-Trichloropropane	ND		ug/kg	20	1.3	1
2-Hexanone	ND		ug/kg	100	12.	1
Bromochloromethane	ND		ug/kg	20	2.0	1
2,2-Dichloropropane	ND		ug/kg	20	2.0	1
1,2-Dibromoethane	ND		ug/kg	10	2.8	1
1,3-Dichloropropane	ND		ug/kg	20	1.7	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	5.0	1.3	1
Bromobenzene	ND		ug/kg	20	1.4	1
n-Butylbenzene	ND		ug/kg	10	1.7	1
sec-Butylbenzene	ND		ug/kg	10	1.4	1
tert-Butylbenzene	ND		ug/kg	20	1.2	1
o-Chlorotoluene	ND		ug/kg	20	1.9	1
p-Chlorotoluene	ND		ug/kg	20	1.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	30	10.	1
Hexachlorobutadiene	ND		ug/kg	40	1.7	1
Isopropylbenzene	ND		ug/kg	10	1.1	1
p-Isopropyltoluene	ND		ug/kg	10	1.1	1
Naphthalene	ND		ug/kg	40	6.5	1
Acrylonitrile	ND		ug/kg	40	11.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-15 Date Collected: 05/29/25 12:55

Client ID: SS-05-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	10	1.7	1
1,2,3-Trichlorobenzene	ND		ug/kg	20	3.2	1
1,2,4-Trichlorobenzene	ND		ug/kg	20	2.7	1
1,3,5-Trimethylbenzene	ND		ug/kg	20	1.9	1
1,2,4-Trimethylbenzene	ND		ug/kg	20	3.3	1
1,4-Dioxane	ND		ug/kg	800	350	1
p-Diethylbenzene	ND		ug/kg	20	1.8	1
p-Ethyltoluene	ND		ug/kg	20	3.8	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	20	1.9	1
Ethyl ether	ND		ug/kg	20	3.4	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	50	14.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	98		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17
Client ID: SW-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/09/25 10:45
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17 Date Collected: 05/29/25 13:15

Client ID: SW-02R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.1	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17 Date Collected: 05/29/25 13:15

Client ID: SW-02R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18
Client ID: SW-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/09/25 11:11
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18 Date Collected: 05/29/25 13:45

Client ID: SW-03R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18 Date Collected: 05/29/25 13:45

Client ID: SW-03R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19
Client ID: SW-04-4-5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 14:00
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/09/25 11:38
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19 Date Collected: 05/29/25 14:00

Client ID: SW-04-4-5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19 Date Collected: 05/29/25 14:00

Client ID: SW-04-4-5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	96		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20
Client ID: SW-05-4-5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 14:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/09/25 12:04
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20 Date Collected: 05/29/25 14:15

Client ID: SW-05-4-5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20 Date Collected: 05/29/25 14:15

Client ID: SW-05-4-5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-21
Client ID: SS-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 16:20
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8260D
Analytical Date: 06/06/25 15:29
Analyst: KJD
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.21	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.5	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-21 Date Collected: 05/29/25 16:20

Client ID: SS-07-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.64	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.26	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	37		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	8.0	J	ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.21	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	0.19	J	ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.82	1
Acrylonitrile	ND		ug/kg	5.1	1.5	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-21 Date Collected: 05/29/25 16:20

Client ID: SS-07-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-22
Client ID: SS-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8260D
Analytical Date: 06/06/25 15:52
Analyst: KJD
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-22 Date Collected: 05/29/25 17:35

Client ID: SS-08-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.22	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-22 Date Collected: 05/29/25 17:35

Client ID: SS-08-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.22	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	103		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-23
Client ID: DUP-01-250529
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8260D
Analytical Date: 06/06/25 16:15
Analyst: KJD
Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.27	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.95	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.23	1
Benzene	ND		ug/kg	0.68	0.23	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.7	0.80	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.7	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.19	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-23 Date Collected: 05/29/25 17:35

Client ID: DUP-01-250529 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.28	1
p/m-Xylene	ND		ug/kg	2.7	0.77	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.7	0.33	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.5	0.89	1
Acrylonitrile	ND		ug/kg	5.5	1.6	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-23 Date Collected: 05/29/25 17:35

Client ID: DUP-01-250529 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.46	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.53	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**131**	Q	70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	99		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-24
Client ID: SS-08-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8260D
Analytical Date: 06/06/25 16:38
Analyst: KJD
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-24 Date Collected: 05/29/25 17:55

Client ID: SS-08-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	5.5	J	ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-24 Date Collected: 05/29/25 17:55

Client ID: SS-08-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
1,4-Dioxane	ND		ug/kg	90	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**132**	Q	70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	104		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-25
Client ID: TB-250529
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 18:20
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/09/25 09:52
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-25 Date Collected: 05/29/25 18:20

Client ID: TB-250529 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.9	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-25 Date Collected: 05/29/25 18:20

Client ID: TB-250529 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26
Client ID: SW-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 10:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/10/25 10:24
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26 Date Collected: 05/30/25 10:45

Client ID: SW-08-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26 Date Collected: 05/30/25 10:45

Client ID: SW-08-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	94		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27
Client ID: SW-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 11:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/10/25 10:50
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27 Date Collected: 05/30/25 11:45

Client ID: SW-07-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27 Date Collected: 05/30/25 11:45

Client ID: SW-07-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28
Client ID: DUP-02-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 12:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/10/25 11:17
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28 Date Collected: 05/30/25 12:00

Client ID: DUP-02-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28 Date Collected: 05/30/25 12:00

Client ID: DUP-02-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-29
Client ID: SS-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 13:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8260D
Analytical Date: 06/06/25 17:01
Analyst: KJD
Percent Solids: 51%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	10	4.7	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.30	1
Chloroform	ND		ug/kg	3.1	0.29	1
Carbon tetrachloride	ND		ug/kg	2.1	0.48	1
1,2-Dichloropropane	ND		ug/kg	2.1	0.26	1
Dibromochloromethane	ND		ug/kg	2.1	0.29	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.55	1
Tetrachloroethene	ND		ug/kg	1.0	0.40	1
Chlorobenzene	ND		ug/kg	1.0	0.26	1
Trichlorofluoromethane	ND		ug/kg	8.3	1.4	1
1,2-Dichloroethane	ND		ug/kg	2.1	0.53	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.34	1
Bromodichloromethane	ND		ug/kg	1.0	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	2.1	0.56	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.33	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.33	1
1,1-Dichloropropene	ND		ug/kg	1.0	0.33	1
Bromoform	ND		ug/kg	8.3	0.51	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.34	1
Benzene	ND		ug/kg	1.0	0.34	1
Toluene	ND		ug/kg	2.1	1.1	1
Ethylbenzene	ND		ug/kg	2.1	0.29	1
Chloromethane	ND		ug/kg	8.3	1.9	1
Bromomethane	ND		ug/kg	4.1	1.2	1
Vinyl chloride	ND		ug/kg	2.1	0.69	1
Chloroethane	ND		ug/kg	4.1	0.94	1
1,1-Dichloroethene	ND		ug/kg	2.1	0.49	1
trans-1,2-Dichloroethene	ND		ug/kg	3.1	0.28	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-29 Date Collected: 05/30/25 13:00

Client ID: SS-06-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	1.0	0.28	1
1,2-Dichlorobenzene	ND		ug/kg	4.1	0.30	1
1,3-Dichlorobenzene	ND		ug/kg	4.1	0.31	1
1,4-Dichlorobenzene	ND		ug/kg	4.1	0.35	1
Methyl tert butyl ether	ND		ug/kg	4.1	0.42	1
p/m-Xylene	ND		ug/kg	4.1	1.2	1
o-Xylene	ND		ug/kg	2.1	0.60	1
Xylenes, Total	ND		ug/kg	2.1	0.60	1
cis-1,2-Dichloroethene	ND		ug/kg	2.1	0.36	1
1,2-Dichloroethene, Total	ND		ug/kg	2.1	0.28	1
Dibromomethane	ND		ug/kg	4.1	0.49	1
Styrene	ND		ug/kg	2.1	0.40	1
Dichlorodifluoromethane	ND		ug/kg	21	1.9	1
Acetone	10	J	ug/kg	21	10.	1
Carbon disulfide	ND		ug/kg	21	9.4	1
2-Butanone	ND		ug/kg	21	4.6	1
Vinyl acetate	ND		ug/kg	21	4.4	1
4-Methyl-2-pentanone	ND		ug/kg	21	2.6	1
1,2,3-Trichloropropane	ND		ug/kg	4.1	0.26	1
2-Hexanone	ND		ug/kg	21	2.4	1
Bromochloromethane	ND		ug/kg	4.1	0.42	1
2,2-Dichloropropane	ND		ug/kg	4.1	0.42	1
1,2-Dibromoethane	ND		ug/kg	2.1	0.58	1
1,3-Dichloropropane	ND		ug/kg	4.1	0.34	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.27	1
Bromobenzene	ND		ug/kg	4.1	0.30	1
n-Butylbenzene	ND		ug/kg	2.1	0.34	1
sec-Butylbenzene	ND		ug/kg	2.1	0.30	1
tert-Butylbenzene	ND		ug/kg	4.1	0.24	1
o-Chlorotoluene	ND		ug/kg	4.1	0.40	1
p-Chlorotoluene	ND		ug/kg	4.1	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	2.1	1
Hexachlorobutadiene	ND		ug/kg	8.3	0.35	1
Isopropylbenzene	ND		ug/kg	2.1	0.22	1
p-Isopropyltoluene	1.0	J	ug/kg	2.1	0.22	1
Naphthalene	ND		ug/kg	8.3	1.3	1
Acrylonitrile	ND		ug/kg	8.3	2.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-29 Date Collected: 05/30/25 13:00

Client ID: SS-06-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.1	0.35	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.1	0.67	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.1	0.56	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.1	0.40	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.1	0.69	1
1,4-Dioxane	ND		ug/kg	160	73.	1
p-Diethylbenzene	ND		ug/kg	4.1	0.37	1
p-Ethyltoluene	ND		ug/kg	4.1	0.79	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.1	0.40	1
Ethyl ether	ND		ug/kg	4.1	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	10	2.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**131**	Q	70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31
Client ID: SW-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 13:30
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/10/25 11:43
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31 Date Collected: 05/30/25 13:30

Client ID: SW-06-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31 Date Collected: 05/30/25 13:30

Client ID: SW-06-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	94		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32
Client ID: FB-SED-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 14:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/10/25 12:09
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32 Date Collected: 05/30/25 14:45

Client ID: FB-SED-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32 Date Collected: 05/30/25 14:45

Client ID: FB-SED-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	94		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33
Client ID: FB-SW-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 15:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/10/25 12:35
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33 Date Collected: 05/30/25 15:00

Client ID: FB-SW-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33 Date Collected: 05/30/25 15:00

Client ID: FB-SW-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	93		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/06/25 09:23
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,07,10,14,21-24,29 Batch: WG2075837-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/06/25 09:23
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,07,10,14,21-24,29 Batch: WG2075837-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/06/25 09:23
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,07,10,14,21-24,29 Batch: WG2075837-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	95		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/07/25 11:09
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG2076493-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.5		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/07/25 11:09
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG2076493-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/07/25 11:09
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG2076493-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	107		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/09/25 08:59
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13,17-20,25 Batch: WG2077166-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/09/25 08:59
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13,17-20,25 Batch: WG2077166-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/09/25 08:59
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13,17-20,25 Batch: WG2077166-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/25 09:05
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26-28,31-33 Batch: WG2077469-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/25 09:05
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26-28,31-33 Batch: WG2077469-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/25 09:05
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26-28,31-33 Batch: WG2077469-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/12/25 09:32
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 08,15 Batch: WG2078539-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.5	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/12/25 09:32
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 08,15 Batch: WG2078539-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/12/25 09:32
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 08,15 Batch: WG2078539-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,07,10,14,21-24,29 Batch: WG2075837-3 WG2075837-4								
Methylene chloride	106		103		70-130	3		30
1,1-Dichloroethane	**131**	Q	126		70-130	4		30
Chloroform	109		111		70-130	2		30
Carbon tetrachloride	113		111		70-130	2		30
1,2-Dichloropropane	124		122		70-130	2		30
Dibromochloromethane	104		105		70-130	1		30
1,1,2-Trichloroethane	109		108		70-130	1		30
Tetrachloroethene	115		109		70-130	5		30
Chlorobenzene	107		102		70-130	5		30
Trichlorofluoromethane	97		93		70-139	4		30
1,2-Dichloroethane	118		120		70-130	2		30
1,1,1-Trichloroethane	112		108		70-130	4		30
Bromodichloromethane	106		105		70-130	1		30
trans-1,3-Dichloropropene	112		109		70-130	3		30
cis-1,3-Dichloropropene	115		114		70-130	1		30
1,1-Dichloropropene	122		120		70-130	2		30
Bromoform	96		99		70-130	3		30
1,1,2,2-Tetrachloroethane	92		100		70-130	8		30
Benzene	114		111		70-130	3		30
Toluene	109		103		70-130	6		30
Ethylbenzene	108		103		70-130	5		30
Chloromethane	**143**	Q	130		52-130	10		30
Bromomethane	128		116		57-147	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,07,10,14,21-24,29 Batch: WG2075837-3 WG2075837-4

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Vinyl chloride	**141**	Q	127		67-130	10		30
Chloroethane	123		103		50-151	18		30
1,1-Dichloroethene	81		78		65-135	4		30
trans-1,2-Dichloroethene	109		106		70-130	3		30
Trichloroethene	107		101		70-130	6		30
1,2-Dichlorobenzene	104		101		70-130	3		30
1,3-Dichlorobenzene	104		101		70-130	3		30
1,4-Dichlorobenzene	103		100		70-130	3		30
Methyl tert butyl ether	117		118		66-130	1		30
p/m-Xylene	105		101		70-130	4		30
o-Xylene	102		99		70-130	3		30
cis-1,2-Dichloroethene	110		106		70-130	4		30
Dibromomethane	99		102		70-130	3		30
Styrene	100		97		70-130	3		30
Dichlorodifluoromethane	129		118		30-146	9		30
Acetone	**141**	Q	**152**	Q	54-140	8		30
Carbon disulfide	91		87		59-130	4		30
2-Butanone	108		122		70-130	12		30
Vinyl acetate	112		123		70-130	9		30
4-Methyl-2-pentanone	103		110		70-130	7		30
1,2,3-Trichloropropane	91		97		68-130	6		30
2-Hexanone	86		96		70-130	11		30
Bromochloromethane	103		103		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,07,10,14,21-24,29 Batch: WG2075837-3 WG2075837-4								
2,2-Dichloropropane	116		111		70-130	4		30
1,2-Dibromoethane	104		105		70-130	1		30
1,3-Dichloropropane	114		112		69-130	2		30
1,1,1,2-Tetrachloroethane	107		104		70-130	3		30
Bromobenzene	101		100		70-130	1		30
n-Butylbenzene	111		106		70-130	5		30
sec-Butylbenzene	105		100		70-130	5		30
tert-Butylbenzene	102		92		70-130	10		30
o-Chlorotoluene	98		101		70-130	3		30
p-Chlorotoluene	95		98		70-130	3		30
1,2-Dibromo-3-chloropropane	86		94		68-130	9		30
Hexachlorobutadiene	128		127		67-130	1		30
Isopropylbenzene	102		98		70-130	4		30
p-Isopropyltoluene	105		100		70-130	5		30
Naphthalene	97		101		70-130	4		30
Acrylonitrile	113		124		70-130	9		30
n-Propylbenzene	102		100		70-130	2		30
1,2,3-Trichlorobenzene	115		112		70-130	3		30
1,2,4-Trichlorobenzene	116		113		70-130	3		30
1,3,5-Trimethylbenzene	94		96		70-130	2		30
1,2,4-Trimethylbenzene	106		100		70-130	6		30
1,4-Dioxane	95		105		65-136	10		30
p-Diethylbenzene	107		101		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,07,10,14,21-24,29 Batch: WG2075837-3 WG2075837-4								
p-Ethyltoluene	98		98		70-130	0		30
1,2,4,5-Tetramethylbenzene	105		102		70-130	3		30
Ethyl ether	94		98		67-130	4		30
trans-1,4-Dichloro-2-butene	90		95		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		109		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	99		103		70-130
Dibromofluoromethane	96		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG2076493-3 WG2076493-4								
Methylene chloride	114		116		70-130	2		30
1,1-Dichloroethane	122		124		70-130	2		30
Chloroform	118		119		70-130	1		30
Carbon tetrachloride	110		109		70-130	1		30
1,2-Dichloropropane	124		127		70-130	2		30
Dibromochloromethane	88		91		70-130	3		30
1,1,2-Trichloroethane	90		93		70-130	3		30
Tetrachloroethene	85		86		70-130	1		30
Chlorobenzene	88		89		70-130	1		30
Trichlorofluoromethane	112		116		70-139	4		30
1,2-Dichloroethane	124		125		70-130	1		30
1,1,1-Trichloroethane	111		114		70-130	3		30
Bromodichloromethane	118		120		70-130	2		30
trans-1,3-Dichloropropene	93		96		70-130	3		30
cis-1,3-Dichloropropene	124		126		70-130	2		30
1,1-Dichloropropene	116		117		70-130	1		30
Bromoform	83		87		70-130	5		30
1,1,2,2-Tetrachloroethane	84		90		70-130	7		30
Benzene	117		119		70-130	2		30
Toluene	85		87		70-130	2		30
Ethylbenzene	84		86		70-130	2		30
Chloromethane	118		118		52-130	0		30
Bromomethane	137		138		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG2076493-3 WG2076493-4								
Vinyl chloride	115		116		67-130	1		30
Chloroethane	122		123		50-151	1		30
1,1-Dichloroethene	108		111		65-135	3		30
trans-1,2-Dichloroethene	112		115		70-130	3		30
Trichloroethene	119		118		70-130	1		30
1,2-Dichlorobenzene	87		89		70-130	2		30
1,3-Dichlorobenzene	86		89		70-130	3		30
1,4-Dichlorobenzene	87		89		70-130	2		30
Methyl tert butyl ether	125		129		66-130	3		30
p/m-Xylene	87		89		70-130	2		30
o-Xylene	88		90		70-130	2		30
cis-1,2-Dichloroethene	114		116		70-130	2		30
Dibromomethane	121		122		70-130	1		30
Styrene	91		92		70-130	1		30
Dichlorodifluoromethane	104		106		30-146	2		30
Acetone	93		97		54-140	4		30
Carbon disulfide	123		125		59-130	2		30
2-Butanone	123		125		70-130	2		30
Vinyl acetate	**171**	Q	**197**	Q	70-130	14		30
4-Methyl-2-pentanone	91		95		70-130	4		30
1,2,3-Trichloropropane	88		89		68-130	1		30
2-Hexanone	86		91		70-130	6		30
Bromochloromethane	119		120		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG2076493-3 WG2076493-4								
2,2-Dichloropropane	114		115		70-130	1		30
1,2-Dibromoethane	90		93		70-130	3		30
1,3-Dichloropropane	93		96		69-130	3		30
1,1,1,2-Tetrachloroethane	89		91		70-130	2		30
Bromobenzene	83		86		70-130	4		30
n-Butylbenzene	87		89		70-130	2		30
sec-Butylbenzene	82		84		70-130	2		30
tert-Butylbenzene	80		82		70-130	2		30
o-Chlorotoluene	84		89		70-130	6		30
p-Chlorotoluene	83		85		70-130	2		30
1,2-Dibromo-3-chloropropane	82		87		68-130	6		30
Hexachlorobutadiene	83		85		67-130	2		30
Isopropylbenzene	80		83		70-130	4		30
p-Isopropyltoluene	83		85		70-130	2		30
Naphthalene	96		99		70-130	3		30
Acrylonitrile	122		123		70-130	1		30
n-Propylbenzene	82		84		70-130	2		30
1,2,3-Trichlorobenzene	94		96		70-130	2		30
1,2,4-Trichlorobenzene	96		98		70-130	2		30
1,3,5-Trimethylbenzene	83		85		70-130	2		30
1,2,4-Trimethylbenzene	85		87		70-130	2		30
1,4-Dioxane	122		126		65-136	3		30
p-Diethylbenzene	86		87		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG2076493-3 WG2076493-4								
p-Ethyltoluene	83		85		70-130	2		30
1,2,4,5-Tetramethylbenzene	96		97		70-130	1		30
Ethyl ether	122		126		67-130	3		30
trans-1,4-Dichloro-2-butene	88		91		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		104		70-130
Toluene-d8	88		88		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	108		107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13,17-20,25 Batch: WG2077166-3 WG2077166-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		120		63-132	9		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	86		88		63-130	2		20
1,1,2-Trichloroethane	90		91		70-130	1		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	99		99		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	99		100		70-130	1		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	96		98		67-130	2		20
trans-1,3-Dichloropropene	92		91		70-130	1		20
cis-1,3-Dichloropropene	97		99		70-130	2		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	76		78		54-136	3		20
1,1,2,2-Tetrachloroethane	81		85		67-130	5		20
Benzene	100		100		70-130	0		20
Toluene	100		99		70-130	1		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	**140**	Q	130		39-139	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13,17-20,25 Batch: WG2077166-3 WG2077166-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	90		93		70-130	3		20
1,3-Dichlorobenzene	93		95		70-130	2		20
1,4-Dichlorobenzene	90		94		70-130	4		20
Methyl tert butyl ether	89		92		63-130	3		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	96		98		70-130	2		20
1,2,3-Trichloropropane	80		86		64-130	7		20
Acrylonitrile	90		88		70-130	2		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	95		92		58-148	3		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	78		87		63-138	11		20
Vinyl acetate	100		110		70-130	10		20
4-Methyl-2-pentanone	78		81		59-130	4		20
2-Hexanone	76		81		57-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13,17-20,25 Batch: WG2077166-3 WG2077166-4								
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	120		110		63-133	9		20
1,2-Dibromoethane	89		91		70-130	2		20
1,3-Dichloropropane	92		94		70-130	2		20
1,1,1,2-Tetrachloroethane	93		94		64-130	1		20
Bromobenzene	94		96		70-130	2		20
n-Butylbenzene	96		99		53-136	3		20
sec-Butylbenzene	98		100		70-130	2		20
tert-Butylbenzene	98		98		70-130	0		20
o-Chlorotoluene	96		95		70-130	1		20
p-Chlorotoluene	94		94		70-130	0		20
1,2-Dibromo-3-chloropropane	68		77		41-144	12		20
Hexachlorobutadiene	95		99		63-130	4		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	97		99		70-130	2		20
Naphthalene	71		82		70-130	14		20
n-Propylbenzene	99		99		69-130	0		20
1,2,3-Trichlorobenzene	76		86		70-130	12		20
1,2,4-Trichlorobenzene	82		89		70-130	8		20
1,3,5-Trimethylbenzene	95		96		64-130	1		20
1,2,4-Trimethylbenzene	94		95		70-130	1		20
1,4-Dioxane	88		98		56-162	11		20
p-Diethylbenzene	94		97		70-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab	Associated sample(s):	13,17-20,25	Batch:	WG2077166-3	WG2077166-4			
p-Ethyltoluene	99		98		70-130	1		20
1,2,4,5-Tetramethylbenzene	88		90		70-130	2		20
Ethyl ether	96		97		59-134	1		20
trans-1,4-Dichloro-2-butene	79		84		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		95		70-130
Toluene-d8	99		97		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28,31-33 Batch: WG2077469-3 WG2077469-4								
Methylene chloride	92		89		70-130	3		20
1,1-Dichloroethane	96		96		70-130	0		20
Chloroform	92		93		70-130	1		20
Carbon tetrachloride	99		97		63-132	2		20
1,2-Dichloropropane	90		92		70-130	2		20
Dibromochloromethane	84		83		63-130	1		20
1,1,2-Trichloroethane	89		88		70-130	1		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	98		98		75-130	0		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	92		91		70-130	1		20
1,1,1-Trichloroethane	96		95		67-130	1		20
Bromodichloromethane	86		86		67-130	0		20
trans-1,3-Dichloropropene	85		84		70-130	1		20
cis-1,3-Dichloropropene	85		84		70-130	1		20
1,1-Dichloropropene	98		97		70-130	1		20
Bromoform	76		74		54-136	3		20
1,1,2,2-Tetrachloroethane	85		84		67-130	1		20
Benzene	96		96		70-130	0		20
Toluene	99		98		70-130	1		20
Ethylbenzene	100		99		70-130	1		20
Chloromethane	94		93		64-130	1		20
Bromomethane	100		110		39-139	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28,31-33 Batch: WG2077469-3 WG2077469-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	100		99		61-145	1		20
trans-1,2-Dichloroethene	96		94		70-130	2		20
Trichloroethene	95		93		70-130	2		20
1,2-Dichlorobenzene	95		95		70-130	0		20
1,3-Dichlorobenzene	98		97		70-130	1		20
1,4-Dichlorobenzene	94		96		70-130	2		20
Methyl tert butyl ether	81		79		63-130	3		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	93		93		70-130	0		20
Dibromomethane	86		83		70-130	4		20
1,2,3-Trichloropropane	88		87		64-130	1		20
Acrylonitrile	83		81		70-130	2		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	74		76		58-148	3		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	74		70		63-138	6		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	79		74		59-130	7		20
2-Hexanone	73		72		57-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28,31-33 Batch: WG2077469-3 WG2077469-4								
Bromochloromethane	93		92		70-130	1		20
2,2-Dichloropropane	100		98		63-133	2		20
1,2-Dibromoethane	89		88		70-130	1		20
1,3-Dichloropropane	94		90		70-130	4		20
1,1,1,2-Tetrachloroethane	92		92		64-130	0		20
Bromobenzene	99		99		70-130	0		20
n-Butylbenzene	99		100		53-136	1		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	99		100		70-130	1		20
o-Chlorotoluene	100		99		70-130	1		20
p-Chlorotoluene	97		99		70-130	2		20
1,2-Dibromo-3-chloropropane	64		68		41-144	6		20
Hexachlorobutadiene	92		97		63-130	5		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	99		100		70-130	1		20
Naphthalene	73		77		70-130	5		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	79		83		70-130	5		20
1,2,4-Trichlorobenzene	85		87		70-130	2		20
1,3,5-Trimethylbenzene	98		99		64-130	1		20
1,2,4-Trimethylbenzene	97		98		70-130	1		20
1,4-Dioxane	58		70		56-162	19		20
p-Diethylbenzene	98		98		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28,31-33 Batch: WG2077469-3 WG2077469-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	89		90		70-130	1		20
Ethyl ether	89		88		59-134	1		20
trans-1,4-Dichloro-2-butene	78		73		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		94		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	98		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 08,15 Batch: WG2078539-3 WG2078539-4								
Methylene chloride	90		91		70-130	1		30
1,1-Dichloroethane	91		93		70-130	2		30
Chloroform	89		91		70-130	2		30
Carbon tetrachloride	85		90		70-130	6		30
1,2-Dichloropropane	90		93		70-130	3		30
Dibromochloromethane	86		87		70-130	1		30
1,1,2-Trichloroethane	86		87		70-130	1		30
Tetrachloroethene	85		91		70-130	7		30
Chlorobenzene	89		92		70-130	3		30
Trichlorofluoromethane	91		93		70-139	2		30
1,2-Dichloroethane	88		89		70-130	1		30
1,1,1-Trichloroethane	88		93		70-130	6		30
Bromodichloromethane	88		91		70-130	3		30
trans-1,3-Dichloropropene	84		84		70-130	0		30
cis-1,3-Dichloropropene	88		90		70-130	2		30
1,1-Dichloropropene	90		95		70-130	5		30
Bromoform	80		83		70-130	4		30
1,1,2,2-Tetrachloroethane	85		85		70-130	0		30
Benzene	91		94		70-130	3		30
Toluene	85		89		70-130	5		30
Ethylbenzene	89		92		70-130	3		30
Chloromethane	96		94		52-130	2		30
Bromomethane	106		103		57-147	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 08,15 Batch: WG2078539-3 WG2078539-4								
Vinyl chloride	91		92		67-130	1		30
Chloroethane	97		96		50-151	1		30
1,1-Dichloroethene	90		92		65-135	2		30
trans-1,2-Dichloroethene	90		93		70-130	3		30
Trichloroethene	89		93		70-130	4		30
1,2-Dichlorobenzene	89		91		70-130	2		30
1,3-Dichlorobenzene	90		92		70-130	2		30
1,4-Dichlorobenzene	89		91		70-130	2		30
Methyl tert butyl ether	92		90		66-130	2		30
p/m-Xylene	90		93		70-130	3		30
o-Xylene	89		92		70-130	3		30
cis-1,2-Dichloroethene	88		90		70-130	2		30
Dibromomethane	85		86		70-130	1		30
Styrene	90		92		70-130	2		30
Dichlorodifluoromethane	82		82		30-146	0		30
Acetone	64		65		54-140	2		30
Carbon disulfide	79		81		59-130	3		30
2-Butanone	76		74		70-130	3		30
Vinyl acetate	**256**	Q	**245**	Q	70-130	4		30
4-Methyl-2-pentanone	80		80		70-130	0		30
1,2,3-Trichloropropane	84		84		68-130	0		30
2-Hexanone	75		72		70-130	4		30
Bromochloromethane	91		91		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 08,15 Batch: WG2078539-3 WG2078539-4								
2,2-Dichloropropane	91		94		70-130	3		30
1,2-Dibromoethane	85		85		70-130	0		30
1,3-Dichloropropane	87		87		69-130	0		30
1,1,1,2-Tetrachloroethane	89		91		70-130	2		30
Bromobenzene	88		90		70-130	2		30
n-Butylbenzene	90		94		70-130	4		30
sec-Butylbenzene	88		94		70-130	7		30
tert-Butylbenzene	88		92		70-130	4		30
o-Chlorotoluene	89		93		70-130	4		30
p-Chlorotoluene	90		93		70-130	3		30
1,2-Dibromo-3-chloropropane	74		74		68-130	0		30
Hexachlorobutadiene	90		94		67-130	4		30
Isopropylbenzene	89		94		70-130	5		30
p-Isopropyltoluene	89		94		70-130	5		30
Naphthalene	84		83		70-130	1		30
Acrylonitrile	87		81		70-130	7		30
n-Propylbenzene	90		95		70-130	5		30
1,2,3-Trichlorobenzene	90		91		70-130	1		30
1,2,4-Trichlorobenzene	95		95		70-130	0		30
1,3,5-Trimethylbenzene	90		93		70-130	3		30
1,2,4-Trimethylbenzene	90		94		70-130	4		30
1,4-Dioxane	68		68		65-136	0		30
p-Diethylbenzene	91		95		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 08,15 Batch: WG2078539-3 WG2078539-4								
p-Ethyltoluene	90		95		70-130	5		30
1,2,4,5-Tetramethylbenzene	94		96		70-130	2		30
Ethyl ether	95		92		67-130	3		30
trans-1,4-Dichloro-2-butene	81		81		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		92		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	97		96		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,07,10,14,21-24,29 QC Batch ID: WG2075837-6 WG2075837-7 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												
Methylene chloride	ND	182	180	100		190	106		70-130	5		30
1,1-Dichloroethane	ND	182	250	**135**	Q	260	**142**	Q	70-130	4		30
Chloroform	ND	182	200	110		210	117		70-130	5		30
Carbon tetrachloride	ND	182	190	102		210	117		70-130	13		30
1,2-Dichloropropane	ND	182	230	124		240	**131**	Q	70-130	5		30
Dibromochloromethane	ND	182	160	88		160	90		70-130	2		30
1,1,2-Trichloroethane	ND	182	180	101		180	101		70-130	1		30
Tetrachloroethene	ND	182	140	78		160	88		70-130	12		30
Chlorobenzene	ND	182	140	76		150	81		70-130	6		30
Trichlorofluoromethane	ND	182	170	96		190	105		70-139	9		30
1,2-Dichloroethane	ND	182	230	124		230	128		70-130	2		30
1,1,1-Trichloroethane	ND	182	200	108		210	118		70-130	8		30
Bromodichloromethane	ND	182	180	100		190	106		70-130	5		30
trans-1,3-Dichloropropene	ND	182	170	91		170	93		70-130	1		30
cis-1,3-Dichloropropene	ND	182	160	87		170	94		70-130	7		30
1,1-Dichloropropene	ND	182	200	110		220	124		70-130	11		30
Bromoform	ND	182	140	77		140	80		70-130	4		30
1,1,2,2-Tetrachloroethane	ND	182	160	88		160	88		70-130	1		30
Benzene	ND	182	190	106		210	115		70-130	8		30
Toluene	ND	182	160	88		170	95		70-130	8		30
Ethylbenzene	ND	182	140	77		150	85		70-130	10		30
Chloromethane	ND	182	290	**159**	Q	300	**167**	Q	52-130	4		30
Bromomethane	ND	182	170	91		180	101		57-147	10		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,07,10,14,21-24,29 QC Batch ID: WG2075837-6 WG2075837-7 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												
Vinyl chloride	ND	182	290	**157**	Q	300	**168**	Q	67-130	6		30
Chloroethane	ND	182	230	124		250	136		50-151	9		30
1,1-Dichloroethene	ND	182	140	79		160	86		65-135	8		30
trans-1,2-Dichloroethene	ND	182	180	96		190	106		70-130	9		30
Trichloroethene	ND	182	160	89		180	98		70-130	9		30
1,2-Dichlorobenzene	ND	182	110	**58**	Q	110	**59**	Q	70-130	1		30
1,3-Dichlorobenzene	ND	182	110	**58**	Q	110	**60**	Q	70-130	3		30
1,4-Dichlorobenzene	ND	182	100	**57**	Q	100	**58**	Q	70-130	0		30
Methyl tert butyl ether	ND	182	210	117		220	121		66-130	3		30
p/m-Xylene	ND	363	260	71		290	79		70-130	10		30
o-Xylene	ND	363	270	73		290	80		70-130	8		30
cis-1,2-Dichloroethene	ND	182	180	101		190	105		70-130	3		30
Dibromomethane	ND	182	180	98		180	100		70-130	2		30
Styrene	ND	363	200	**56**	Q	230	**64**	Q	70-130	12		30
Dichlorodifluoromethane	ND	182	260	142		270	**148**	Q	30-146	3		30
Acetone	10J	182	210	117		210	116		54-140	1		30
Carbon disulfide	ND	182	120	66		140	77		59-130	15		30
2-Butanone	ND	182	170	93		170	95		70-130	1		30
Vinyl acetate	ND	182	40	**22**	Q	40	**22**	Q	70-130	0		30
4-Methyl-2-pentanone	ND	182	170	95		170	92		70-130	4		30
1,2,3-Trichloropropane	ND	182	170	93		160	91		68-130	2		30
2-Hexanone	ND	182	120	**65**	Q	110	**61**	Q	70-130	7		30
Bromochloromethane	ND	182	170	96		180	100		70-130	3		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,07,10,14,21-24,29 QC Batch ID: WG2075837-6 WG2075837-7 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												
2,2-Dichloropropane	ND	182	200	108		210	117		70-130	8		30
1,2-Dibromoethane	ND	182	170	91		160	90		70-130	2		30
1,3-Dichloropropane	ND	182	190	106		190	107		69-130	1		30
1,1,1,2-Tetrachloroethane	ND	182	160	85		160	90		70-130	4		30
Bromobenzene	ND	182	130	70		130	74		70-130	4		30
n-Butylbenzene	ND	182	93	**51**	Q	110	**60**	Q	70-130	15		30
sec-Butylbenzene	ND	182	110	**60**	Q	130	70		70-130	15		30
tert-Butylbenzene	ND	182	110	**62**	Q	130	73		70-130	16		30
o-Chlorotoluene	ND	182	130	72		140	76		70-130	6		30
p-Chlorotoluene	ND	182	120	**68**	Q	130	72		70-130	5		30
1,2-Dibromo-3-chloropropane	ND	182	120	**64**	Q	110	**60**	Q	68-130	7		30
Hexachlorobutadiene	ND	182	62	**34**	Q	81	**45**	Q	67-130	28		30
Isopropylbenzene	ND	182	130	71		150	82		70-130	14		30
p-Isopropyltoluene	1.0J	182	98	**54**	Q	110	**63**	Q	70-130	14		30
Naphthalene	ND	182	65	**36**	Q	66	**36**	Q	70-130	1		30
Acrylonitrile	ND	182	160	89		160	90		70-130	0		30
n-Propylbenzene	ND	182	120	**68**	Q	140	77		70-130	11		30
1,2,3-Trichlorobenzene	ND	182	60	**33**	Q	64	**35**	Q	70-130	6		30
1,2,4-Trichlorobenzene	ND	182	66	**36**	Q	69	**38**	Q	70-130	5		30
1,3,5-Trimethylbenzene	ND	182	120	**64**	Q	130	72		70-130	11		30
1,2,4-Trimethylbenzene	ND	182	120	**64**	Q	130	70		70-130	8		30
1,4-Dioxane	ND	9080	10000	113		9100	101		65-136	12		30
p-Diethylbenzene	ND	182	92	**51**	Q	100	**56**	Q	70-130	11		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,07,10,14,21-24,29 QC Batch ID: WG2075837-6 WG2075837-7 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												
p-Ethyltoluene	ND	182	120	**64**	Q	130	72		70-130	11		30
1,2,4,5-Tetramethylbenzene	ND	182	88	**48**	Q	90	**50**	Q	70-130	2		30
Ethyl ether	ND	182	180	96		180	100		67-130	3		30
trans-1,4-Dichloro-2-butene	ND	182	110	**58**	Q	100	**58**	Q	70-130	2		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		124		70-130
4-Bromofluorobenzene	111		111		70-130
Dibromofluoromethane	104		102		70-130
Toluene-d8	105		102		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28,31-33 QC Batch ID: WG2077469-6 WG2077469-7 QC Sample: L2533649-26 Client ID: SW-08-0-0.5												
Methylene chloride	ND	10	9.8	98		9.7	97		70-130	1		20
1,1-Dichloroethane	ND	10	10	100		10	100		70-130	0		20
Chloroform	ND	10	10	100		9.8	98		70-130	2		20
Carbon tetrachloride	ND	10	11	110		10	100		63-132	10		20
1,2-Dichloropropane	ND	10	9.9	99		9.8	98		70-130	1		20
Dibromochloromethane	ND	10	8.2	82		8.4	84		63-130	2		20
1,1,2-Trichloroethane	ND	10	9.2	92		9.4	94		70-130	2		20
Tetrachloroethene	ND	10	11	110		10	100		70-130	10		20
Chlorobenzene	ND	10	10	100		10	100		75-130	0		20
Trichlorofluoromethane	ND	10	12	120		12	120		62-150	0		20
1,2-Dichloroethane	ND	10	9.6	96		9.9	99		70-130	3		20
1,1,1-Trichloroethane	ND	10	11	110		10	100		67-130	10		20
Bromodichloromethane	ND	10	8.9	89		9.0	90		67-130	1		20
trans-1,3-Dichloropropene	ND	10	8.2	82		8.4	84		70-130	2		20
cis-1,3-Dichloropropene	ND	10	8.1	81		8.3	83		70-130	2		20
1,1-Dichloropropene	ND	10	11	110		10	100		70-130	10		20
Bromoform	ND	10	7.2	72		7.3	73		54-136	1		20
1,1,2,2-Tetrachloroethane	ND	10	8.7	87		8.8	88		67-130	1		20
Benzene	ND	10	10	100		10	100		70-130	0		20
Toluene	ND	10	10	100		10	100		70-130	0		20
Ethylbenzene	ND	10	10	100		10	100		70-130	0		20
Chloromethane	ND	10	11	110		11	110		64-130	0		20
Bromomethane	ND	10	11	110		12	120		39-139	9		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28,31-33 QC Batch ID: WG2077469-6 WG2077469-7 QC Sample: L2533649-26 Client ID: SW-08-0-0.5												
Vinyl chloride	ND	10	12	120		12	120		55-140	0		20
Chloroethane	ND	10	12	120		12	120		55-138	0		20
1,1-Dichloroethene	ND	10	11	110		11	110		61-145	0		20
trans-1,2-Dichloroethene	ND	10	10	100		10	100		70-130	0		20
Trichloroethene	ND	10	9.9	99		9.7	97		70-130	2		20
1,2-Dichlorobenzene	ND	10	9.7	97		9.6	96		70-130	1		20
1,3-Dichlorobenzene	ND	10	10	100		9.8	98		70-130	2		20
1,4-Dichlorobenzene	ND	10	9.7	97		9.6	96		70-130	1		20
Methyl tert butyl ether	ND	10	8.2	82		8.3	83		63-130	1		20
p/m-Xylene	ND	20	21	105		20	100		70-130	5		20
o-Xylene	ND	20	20	100		20	100		70-130	0		20
cis-1,2-Dichloroethene	ND	10	10	100		9.9	99		70-130	1		20
Dibromomethane	ND	10	8.7	87		8.8	88		70-130	1		20
1,2,3-Trichloropropane	ND	10	8.1	81		8.3	83		64-130	2		20
Acrylonitrile	ND	10	8.1	81		8.5	85		70-130	5		20
Styrene	ND	20	19	95		19	95		70-130	0		20
Dichlorodifluoromethane	ND	10	12	120		12	120		36-147	0		20
Acetone	1.7J	10	9.6	96		8.3	83		58-148	15		20
Carbon disulfide	ND	10	11	110		11	110		51-130	0		20
2-Butanone	ND	10	7.3	73		8.0	80		63-138	9		20
Vinyl acetate	ND	10	8.6	86		8.9	89		70-130	3		20
4-Methyl-2-pentanone	ND	10	7.7	77		7.8	78		59-130	1		20
2-Hexanone	ND	10	7.0	70		6.6	66		57-130	6		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28,31-33 QC Batch ID: WG2077469-6 WG2077469-7 QC Sample: L2533649-26 Client ID: SW-08-0-0.5												
Bromochloromethane	ND	10	9.7	97		9.7	97		70-130	0		20
2,2-Dichloropropane	ND	10	9.5	95		9.3	93		63-133	2		20
1,2-Dibromoethane	ND	10	8.9	89		9.0	90		70-130	1		20
1,3-Dichloropropane	ND	10	9.5	95		9.7	97		70-130	2		20
1,1,1,2-Tetrachloroethane	ND	10	9.4	94		9.3	93		64-130	1		20
Bromobenzene	ND	10	10	100		9.9	99		70-130	1		20
n-Butylbenzene	ND	10	10	100		10	100		53-136	0		20
sec-Butylbenzene	ND	10	11	110		10	100		70-130	10		20
tert-Butylbenzene	ND	10	10	100		10	100		70-130	0		20
o-Chlorotoluene	ND	10	10	100		10	100		70-130	0		20
p-Chlorotoluene	ND	10	10	100		10	100		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	10	6.2	62		6.8	68		41-144	9		20
Hexachlorobutadiene	ND	10	8.8	88		8.8	88		63-130	0		20
Isopropylbenzene	ND	10	11	110		10	100		70-130	10		20
p-Isopropyltoluene	ND	10	10	100		9.9	99		70-130	1		20
Naphthalene	ND	10	8.2	82		7.8	78		70-130	5		20
n-Propylbenzene	ND	10	11	110		10	100		69-130	10		20
1,2,3-Trichlorobenzene	ND	10	7.5	75		8.1	81		70-130	8		20
1,2,4-Trichlorobenzene	ND	10	8.2	82		8.4	84		70-130	2		20
1,3,5-Trimethylbenzene	ND	10	10	100		10	100		64-130	0		20
1,2,4-Trimethylbenzene	ND	10	11	110		10	100		70-130	10		20
1,4-Dioxane	ND	500	130J	**26**	Q	250	**50**	Q	56-162	**63**	Q	20
p-Diethylbenzene	ND	10	9.9	99		9.6	96		70-130	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28,31-33 QC Batch ID: WG2077469-6 WG2077469-7 QC Sample: L2533649-26 Client ID: SW-08-0-0.5												
p-Ethyltoluene	ND	10	11	110		10	100		70-130	10		20
1,2,4,5-Tetramethylbenzene	ND	10	9.2	92		9.1	91		70-130	1		20
Ethyl ether	ND	10	9.2	92		9.4	94		59-134	2		20
trans-1,4-Dichloro-2-butene	ND	10	6.2	**62**	Q	7.0	70		70-130	12		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		96		70-130
4-Bromofluorobenzene	104		101		70-130
Dibromofluoromethane	96		97		70-130
Toluene-d8	105		104		70-130

SEMIVOLATILES

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-01
Client ID: SS-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 09:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8270E
Analytical Date: 06/02/25 17:38
Analyst: SMZ
Percent Solids: 17%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 17:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	790	100	1
1,2,4-Trichlorobenzene	ND		ug/kg	980	110	1
Hexachlorobenzene	ND		ug/kg	590	110	1
Bis(2-chloroethyl)ether	ND		ug/kg	890	130	1
2-Chloronaphthalene	ND		ug/kg	980	98.	1
1,2-Dichlorobenzene	ND		ug/kg	980	180	1
1,3-Dichlorobenzene	ND		ug/kg	980	170	1
1,4-Dichlorobenzene	ND		ug/kg	980	170	1
3,3'-Dichlorobenzidine	ND		ug/kg	980	260	1
2,4-Dinitrotoluene	ND		ug/kg	980	200	1
2,6-Dinitrotoluene	ND		ug/kg	980	170	1
Fluoranthene	ND		ug/kg	590	110	1
4-Chlorophenyl phenyl ether	ND		ug/kg	980	100	1
4-Bromophenyl phenyl ether	ND		ug/kg	980	150	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	170	1
Bis(2-chloroethoxy)methane	ND		ug/kg	1100	99.	1
Hexachlorobutadiene	ND		ug/kg	980	140	1
Hexachlorocyclopentadiene	ND		ug/kg	2800	890	1
Hexachloroethane	ND		ug/kg	790	160	1
Isophorone	ND		ug/kg	890	130	1
Naphthalene	ND		ug/kg	980	120	1
Nitrobenzene	ND		ug/kg	890	140	1
NDPA/DPA	ND		ug/kg	790	110	1
n-Nitrosodi-n-propylamine	ND		ug/kg	980	150	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	980	340	1
Butyl benzyl phthalate	ND		ug/kg	980	250	1
Di-n-butylphthalate	ND		ug/kg	980	190	1
Di-n-octylphthalate	ND		ug/kg	980	330	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-01 Date Collected: 05/29/25 09:55

Client ID: SS-01R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	980	91.	1
Dimethyl phthalate	ND		ug/kg	980	210	1
Benzo(a)anthracene	ND		ug/kg	590	110	1
Benzo(a)pyrene	ND		ug/kg	790	240	1
Benzo(b)fluoranthene	ND		ug/kg	590	160	1
Benzo(k)fluoranthene	ND		ug/kg	590	160	1
Chrysene	ND		ug/kg	590	100	1
Acenaphthylene	ND		ug/kg	790	150	1
Anthracene	ND		ug/kg	590	190	1
Benzo(ghi)perylene	ND		ug/kg	790	120	1
Fluorene	ND		ug/kg	980	96.	1
Phenanthrene	ND		ug/kg	590	120	1
Dibenzo(a,h)anthracene	ND		ug/kg	590	110	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	790	140	1
Pyrene	ND		ug/kg	590	98.	1
Biphenyl	ND		ug/kg	2200	130	1
4-Chloroaniline	ND		ug/kg	980	180	1
2-Nitroaniline	ND		ug/kg	980	190	1
3-Nitroaniline	ND		ug/kg	980	180	1
4-Nitroaniline	ND		ug/kg	980	410	1
Dibenzofuran	ND		ug/kg	980	93.	1
2-Methylnaphthalene	ND		ug/kg	1200	120	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	980	100	1
Acetophenone	ND		ug/kg	980	120	1
2,4,6-Trichlorophenol	ND		ug/kg	590	190	1
p-Chloro-m-cresol	ND		ug/kg	980	150	1
2-Chlorophenol	ND		ug/kg	980	120	1
2,4-Dichlorophenol	ND		ug/kg	890	160	1
2,4-Dimethylphenol	ND		ug/kg	980	320	1
2-Nitrophenol	ND		ug/kg	2100	370	1
4-Nitrophenol	ND		ug/kg	1400	400	1
2,4-Dinitrophenol	ND		ug/kg	4700	460	1
4,6-Dinitro-o-cresol	ND		ug/kg	2600	470	1
Pentachlorophenol	ND		ug/kg	790	220	1
Phenol	ND		ug/kg	980	150	1
2-Methylphenol	ND		ug/kg	980	150	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-01 Date Collected: 05/29/25 09:55

Client ID: SS-01R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	980	190	1
Benzoic Acid	1200	J	ug/kg	3200	1000	1
Benzyl Alcohol	ND		ug/kg	980	300	1
Carbazole	ND		ug/kg	980	96.	1
1,4-Dioxane	ND		ug/kg	150	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	48		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-01
Client ID: SS-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 09:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 144,1633
Analytical Date: 06/12/25 14:18
Analyst: AC
Percent Solids: 17%

Extraction Method: EPA 1633
Extraction Date: 06/10/25 13:05
Cleanup Method: EPA 1633
Cleanup Date: 06/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	1.92	0.067	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.962	0.092	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.481	0.048	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	1.92	0.186	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.481	0.037	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.481	0.064	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.481	0.029	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.481	0.048	1
Perfluorooctanoic Acid (PFOA)	0.085	J	ng/g	0.481	0.064	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	1.92	0.356	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.481	0.108	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.481	0.031	1
Perfluorooctanesulfonic Acid (PFOS)	0.290	J	ng/g	0.481	0.075	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.481	0.085	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	1.92	0.623	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.481	0.071	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.481	0.206	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.481	0.031	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.481	0.035	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.481	0.025	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.481	0.106	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.481	0.050	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.481	0.039	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.481	0.058	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	1.92	0.092	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	1.92	0.071	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.481	0.052	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-01 Date Collected: 05/29/25 09:55

Client ID: SS-01R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	1.92	0.071	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	1.92	0.096	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.481	0.064	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.481	0.052	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	4.81	0.292	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	4.81	0.196	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.962	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.962	0.058	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.962	0.112	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.962	0.198	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	2.40	0.221	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	12.0	0.567	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	12.0	0.879	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-01 Date Collected: 05/29/25 09:55

Client ID: SS-01R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**175**	Q	40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	62		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	70		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	114		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**248**	Q	40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	97		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	97		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	85		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**295**	Q	40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**182**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	81		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**167**	Q	40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	54		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	61		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	68		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	67		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	75		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	85		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-04
Client ID: SS-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 10:30
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8270E
Analytical Date: 06/02/25 17:56
Analyst: SMZ
Percent Solids: 68%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 17:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	190	25.	1
1,2,4-Trichlorobenzene	ND		ug/kg	240	27.	1
Hexachlorobenzene	ND		ug/kg	140	27.	1
Bis(2-chloroethyl)ether	ND		ug/kg	220	32.	1
2-Chloronaphthalene	ND		ug/kg	240	24.	1
1,2-Dichlorobenzene	ND		ug/kg	240	43.	1
1,3-Dichlorobenzene	ND		ug/kg	240	41.	1
1,4-Dichlorobenzene	ND		ug/kg	240	42.	1
3,3'-Dichlorobenzidine	ND		ug/kg	240	64.	1
2,4-Dinitrotoluene	ND		ug/kg	240	48.	1
2,6-Dinitrotoluene	ND		ug/kg	240	41.	1
Fluoranthene	ND		ug/kg	140	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	240	26.	1
4-Bromophenyl phenyl ether	ND		ug/kg	240	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	290	41.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	260	24.	1
Hexachlorobutadiene	ND		ug/kg	240	35.	1
Hexachlorocyclopentadiene	ND		ug/kg	680	220	1
Hexachloroethane	ND		ug/kg	190	39.	1
Isophorone	ND		ug/kg	220	31.	1
Naphthalene	ND		ug/kg	240	29.	1
Nitrobenzene	ND		ug/kg	220	35.	1
NDPA/DPA	ND		ug/kg	190	27.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	240	37.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	240	83.	1
Butyl benzyl phthalate	ND		ug/kg	240	60.	1
Di-n-butylphthalate	ND		ug/kg	240	45.	1
Di-n-octylphthalate	ND		ug/kg	240	81.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-04 Date Collected: 05/29/25 10:30

Client ID: SS-02R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	240	22.	1
Dimethyl phthalate	ND		ug/kg	240	50.	1
Benzo(a)anthracene	ND		ug/kg	140	27.	1
Benzo(a)pyrene	ND		ug/kg	190	58.	1
Benzo(b)fluoranthene	ND		ug/kg	140	40.	1
Benzo(k)fluoranthene	ND		ug/kg	140	38.	1
Chrysene	ND		ug/kg	140	25.	1
Acenaphthylene	ND		ug/kg	190	37.	1
Anthracene	ND		ug/kg	140	47.	1
Benzo(ghi)perylene	ND		ug/kg	190	28.	1
Fluorene	ND		ug/kg	240	23.	1
Phenanthrene	ND		ug/kg	140	29.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	28.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	190	33.	1
Pyrene	ND		ug/kg	140	24.	1
Biphenyl	ND		ug/kg	540	31.	1
4-Chloroaniline	ND		ug/kg	240	44.	1
2-Nitroaniline	ND		ug/kg	240	46.	1
3-Nitroaniline	ND		ug/kg	240	45.	1
4-Nitroaniline	ND		ug/kg	240	99.	1
Dibenzofuran	ND		ug/kg	240	23.	1
2-Methylnaphthalene	ND		ug/kg	290	29.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	240	25.	1
Acetophenone	ND		ug/kg	240	30.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	45.	1
p-Chloro-m-cresol	ND		ug/kg	240	36.	1
2-Chlorophenol	ND		ug/kg	240	28.	1
2,4-Dichlorophenol	ND		ug/kg	220	38.	1
2,4-Dimethylphenol	ND		ug/kg	240	79.	1
2-Nitrophenol	ND		ug/kg	520	90.	1
4-Nitrophenol	ND		ug/kg	330	98.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	620	110	1
Pentachlorophenol	ND		ug/kg	190	53.	1
Phenol	ND		ug/kg	240	36.	1
2-Methylphenol	ND		ug/kg	240	37.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	340	37.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-04 Date Collected: 05/29/25 10:30

Client ID: SS-02R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	240	46.	1
Benzoic Acid	ND		ug/kg	780	240	1
Benzyl Alcohol	ND		ug/kg	240	73.	1
Carbazole	ND		ug/kg	240	23.	1
1,4-Dioxane	ND		ug/kg	36	11.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	101		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	89		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-04
Client ID: SS-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 10:30
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 144,1633
Analytical Date: 06/12/25 14:27
Analyst: AC
Percent Solids: 68%

Extraction Method: EPA 1633
Extraction Date: 06/10/25 13:05
Cleanup Method: EPA 1633
Cleanup Date: 06/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.796	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.796	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.088	J	ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.796	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.068	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.334		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	0.038	J	ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.796	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.796	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.796	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-04 Date Collected: 05/29/25 10:30

Client ID: SS-02R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.796	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.796	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.995	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-04 Date Collected: 05/29/25 10:30

Client ID: SS-02R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	110		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	126		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	118		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	157		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	95		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	113		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	107		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	155		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	103		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	114		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	183		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**139**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	110		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	94		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	138		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	76		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	81		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	83		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	83		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	83		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	104		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-07
Client ID: SS-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 11:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8270E
Analytical Date: 06/02/25 18:13
Analyst: SMZ
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 17:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-07 Date Collected: 05/29/25 11:15

Client ID: SS-03R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-07 Date Collected: 05/29/25 11:15

Client ID: SS-03R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	77		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-07
Client ID: SS-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 11:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 144,1633
Analytical Date: 06/12/25 14:36
Analyst: AC
Percent Solids: 81%

Extraction Method: EPA 1633
Extraction Date: 06/10/25 13:05
Cleanup Method: EPA 1633
Cleanup Date: 06/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.799	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.070	JF	ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-07 Date Collected: 05/29/25 11:15

Client ID: SS-03R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.998	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-07 Date Collected: 05/29/25 11:15

Client ID: SS-03R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	102		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	105		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	109		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	141		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	104		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	105		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	139		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	102		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	104		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	110		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	157		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	131		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	111		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	100		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	136		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	72		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	83		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	80		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	90		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	91		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	86		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	109		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-08
Client ID: SS-03R-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 11:25
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8270E
Analytical Date: 06/13/25 17:31
Analyst: ALS
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/12/25 11:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-08 Date Collected: 05/29/25 11:25

Client ID: SS-03R-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-08 Date Collected: 05/29/25 11:25

Client ID: SS-03R-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	61		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-08
Client ID: SS-03R-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 11:25
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 144,1633
Analytical Date: 06/21/25 15:13
Analyst: SL
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 06/19/25 13:15
Cleanup Method: EPA 1633
Cleanup Date: 06/19/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-08 Date Collected: 05/29/25 11:25

Client ID: SS-03R-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-08 Date Collected: 05/29/25 11:25

Client ID: SS-03R-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	86		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	72		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	82		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	71		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	90		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	70		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	107		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	80		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	67		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	66		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	90		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	80		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	79		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	86		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	84		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	95		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-10
Client ID: SS-04-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8270E
Analytical Date: 06/02/25 18:31
Analyst: SMZ
Percent Solids: 12%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 17:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1100	140	1
1,2,4-Trichlorobenzene	ND		ug/kg	1400	160	1
Hexachlorobenzene	ND		ug/kg	840	160	1
Bis(2-chloroethyl)ether	ND		ug/kg	1300	190	1
2-Chloronaphthalene	ND		ug/kg	1400	140	1
1,2-Dichlorobenzene	ND		ug/kg	1400	250	1
1,3-Dichlorobenzene	ND		ug/kg	1400	240	1
1,4-Dichlorobenzene	ND		ug/kg	1400	240	1
3,3'-Dichlorobenzidine	ND		ug/kg	1400	370	1
2,4-Dinitrotoluene	ND		ug/kg	1400	280	1
2,6-Dinitrotoluene	ND		ug/kg	1400	240	1
Fluoranthene	160	J	ug/kg	840	160	1
4-Chlorophenyl phenyl ether	ND		ug/kg	1400	150	1
4-Bromophenyl phenyl ether	ND		ug/kg	1400	210	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	1700	240	1
Bis(2-chloroethoxy)methane	ND		ug/kg	1500	140	1
Hexachlorobutadiene	ND		ug/kg	1400	200	1
Hexachlorocyclopentadiene	ND		ug/kg	4000	1300	1
Hexachloroethane	ND		ug/kg	1100	230	1
Isophorone	ND		ug/kg	1300	180	1
Naphthalene	ND		ug/kg	1400	170	1
Nitrobenzene	ND		ug/kg	1300	210	1
NDPA/DPA	ND		ug/kg	1100	160	1
n-Nitrosodi-n-propylamine	ND		ug/kg	1400	220	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1400	480	1
Butyl benzyl phthalate	ND		ug/kg	1400	350	1
Di-n-butylphthalate	ND		ug/kg	1400	260	1
Di-n-octylphthalate	ND		ug/kg	1400	480	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-10 Date Collected: 05/29/25 12:15

Client ID: SS-04-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1400	130	1
Dimethyl phthalate	ND		ug/kg	1400	290	1
Benzo(a)anthracene	ND		ug/kg	840	160	1
Benzo(a)pyrene	ND		ug/kg	1100	340	1
Benzo(b)fluoranthene	ND		ug/kg	840	240	1
Benzo(k)fluoranthene	ND		ug/kg	840	220	1
Chrysene	ND		ug/kg	840	140	1
Acenaphthylene	ND		ug/kg	1100	220	1
Anthracene	ND		ug/kg	840	270	1
Benzo(ghi)perylene	ND		ug/kg	1100	160	1
Fluorene	ND		ug/kg	1400	140	1
Phenanthrene	ND		ug/kg	840	170	1
Dibenzo(a,h)anthracene	ND		ug/kg	840	160	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1100	200	1
Pyrene	ND		ug/kg	840	140	1
Biphenyl	ND		ug/kg	3200	180	1
4-Chloroaniline	ND		ug/kg	1400	250	1
2-Nitroaniline	ND		ug/kg	1400	270	1
3-Nitroaniline	ND		ug/kg	1400	260	1
4-Nitroaniline	ND		ug/kg	1400	580	1
Dibenzofuran	ND		ug/kg	1400	130	1
2-Methylnaphthalene	ND		ug/kg	1700	170	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1400	150	1
Acetophenone	ND		ug/kg	1400	170	1
2,4,6-Trichlorophenol	ND		ug/kg	840	260	1
p-Chloro-m-cresol	ND		ug/kg	1400	210	1
2-Chlorophenol	ND		ug/kg	1400	160	1
2,4-Dichlorophenol	ND		ug/kg	1300	220	1
2,4-Dimethylphenol	ND		ug/kg	1400	460	1
2-Nitrophenol	ND		ug/kg	3000	530	1
4-Nitrophenol	ND		ug/kg	2000	570	1
2,4-Dinitrophenol	ND		ug/kg	6700	650	1
4,6-Dinitro-o-cresol	ND		ug/kg	3600	670	1
Pentachlorophenol	ND		ug/kg	1100	310	1
Phenol	ND		ug/kg	1400	210	1
2-Methylphenol	ND		ug/kg	1400	220	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	2000	220	1

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-10
Client ID: SS-04-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1400	270	1
Benzoic Acid	ND		ug/kg	4500	1400	1
Benzyl Alcohol	ND		ug/kg	1400	430	1
Carbazole	ND		ug/kg	1400	140	1
1,4-Dioxane	ND		ug/kg	210	64.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	29		25-120
Phenol-d6	38		10-120
Nitrobenzene-d5	25		23-120
2-Fluorobiphenyl	**20**	Q	30-120
2,4,6-Tribromophenol	32		10-136
4-Terphenyl-d14	25		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-10
Client ID: SS-04-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 144,1633
Analytical Date: 06/12/25 15:49
Analyst: AC
Percent Solids: 12%

Extraction Method: EPA 1633
Extraction Date: 06/10/25 13:05
Cleanup Method: EPA 1633
Cleanup Date: 06/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	2.75	0.096	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	1.38	0.132	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.688	0.069	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	2.75	0.267	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.688	0.052	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.688	0.091	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.688	0.041	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.688	0.069	1
Perfluorooctanoic Acid (PFOA)	0.289	J	ng/g	0.688	0.091	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	2.75	0.510	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.688	0.154	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.688	0.044	1
Perfluorooctanesulfonic Acid (PFOS)	0.683	J	ng/g	0.688	0.107	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.688	0.121	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	2.75	0.892	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.688	0.102	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.476	J	ng/g	0.688	0.295	1
Perfluoroundecanoic Acid (PFUnA)	0.201	J	ng/g	0.688	0.044	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.688	0.050	1
Perfluorooctanesulfonamide (PFOSA)	0.091	JF	ng/g	0.688	0.036	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.427	J	ng/g	0.688	0.151	1
Perfluorododecanoic Acid (PFDoA)	0.322	J	ng/g	0.688	0.072	1
Perfluorotridecanoic Acid (PFTrDA)	0.490	J	ng/g	0.688	0.055	1
Perfluorotetradecanoic Acid (PFTeDA)	0.342	J	ng/g	0.688	0.083	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	2.75	0.132	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	2.75	0.102	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.688	0.074	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-10 Date Collected: 05/29/25 12:15

Client ID: SS-04-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	2.75	0.102	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	2.75	0.138	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.688	0.091	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.688	0.074	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	6.88	0.419	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	6.88	0.281	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	1.38	0.058	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	1.38	0.083	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	1.38	0.160	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	1.38	0.284	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	3.44	0.317	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	17.2	0.812	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	17.2	1.26	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-10 Date Collected: 05/29/25 12:15

Client ID: SS-04-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	101		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	**138**	Q	35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	121		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	163		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	129		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	105		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	109		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	213		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	107		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	108		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**324**	Q	40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**210**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	105		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	93		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**197**	Q	40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	84		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	81		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	88		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	92		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13
Client ID: SW-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:40
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/01/25 14:57
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 05:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13 Date Collected: 05/29/25 12:40

Client ID: SW-01R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	88		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13
Client ID: SW-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:40
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/25 22:30
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 05:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.44		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.08	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13 Date Collected: 05/29/25 12:40

Client ID: SW-01R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	80		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13
Client ID: SW-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:40
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/06/25 15:44
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.34	J	ng/l	6.11	0.504	1
Perfluoropentanoic Acid (PFPeA)	1.54	J	ng/l	3.06	0.344	1
Perfluorobutanesulfonic Acid (PFBS)	1.12	J	ng/l	1.53	0.382	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.11	0.871	1
Perfluorohexanoic Acid (PFHxA)	1.89		ng/l	1.53	0.237	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.53	0.199	1
Perfluoroheptanoic Acid (PFHpA)	1.65		ng/l	1.53	0.229	1
Perfluorohexanesulfonic Acid (PFHxS)	0.962	J	ng/l	1.53	0.130	1
Perfluorooctanoic Acid (PFOA)	7.41		ng/l	1.53	0.252	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.11	4.60	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.53	0.191	1
Perfluorononanoic Acid (PFNA)	0.649	J	ng/l	1.53	0.252	1
Perfluorooctanesulfonic Acid (PFOS)	6.20		ng/l	1.53	0.252	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.53	0.199	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.11	1.17	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.53	0.191	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.53	0.458	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.53	0.168	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.53	0.130	1
Perfluorooctanesulfonamide (PFOSA)	0.397	J	ng/l	1.53	0.092	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.53	0.458	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.53	0.206	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.53	0.176	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.53	0.153	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.11	1.53	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.11	0.359	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.53	0.229	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13 Date Collected: 05/29/25 12:40

Client ID: SW-01R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.11	0.420	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.11	0.428	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.53	0.214	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.53	0.336	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.3	1.24	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.3	1.05	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.06	0.237	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.06	0.344	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.06	0.313	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.06	0.519	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.64	0.512	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	38.2	4.06	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	38.2	3.04	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13 Date Collected: 05/29/25 12:40

Client ID: SW-01R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	102		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**275**	Q	40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	95		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	100		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	102		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**211**	Q	40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	107		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	94		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	79		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	59		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	61		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	65		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	53		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	56		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-14
Client ID: SS-05-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8270E
Analytical Date: 06/02/25 18:49
Analyst: SMZ
Percent Solids: 11%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 17:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1200	160	1
1,2,4-Trichlorobenzene	ND		ug/kg	1500	170	1
Hexachlorobenzene	ND		ug/kg	900	170	1
Bis(2-chloroethyl)ether	ND		ug/kg	1300	200	1
2-Chloronaphthalene	ND		ug/kg	1500	150	1
1,2-Dichlorobenzene	ND		ug/kg	1500	270	1
1,3-Dichlorobenzene	ND		ug/kg	1500	260	1
1,4-Dichlorobenzene	ND		ug/kg	1500	260	1
3,3'-Dichlorobenzidine	ND		ug/kg	1500	400	1
2,4-Dinitrotoluene	ND		ug/kg	1500	300	1
2,6-Dinitrotoluene	ND		ug/kg	1500	260	1
Fluoranthene	ND		ug/kg	900	170	1
4-Chlorophenyl phenyl ether	ND		ug/kg	1500	160	1
4-Bromophenyl phenyl ether	ND		ug/kg	1500	230	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	1800	260	1
Bis(2-chloroethoxy)methane	ND		ug/kg	1600	150	1
Hexachlorobutadiene	ND		ug/kg	1500	220	1
Hexachlorocyclopentadiene	ND		ug/kg	4300	1400	1
Hexachloroethane	ND		ug/kg	1200	240	1
Isophorone	ND		ug/kg	1300	190	1
Naphthalene	ND		ug/kg	1500	180	1
Nitrobenzene	ND		ug/kg	1300	220	1
NDPA/DPA	ND		ug/kg	1200	170	1
n-Nitrosodi-n-propylamine	ND		ug/kg	1500	230	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1500	520	1
Butyl benzyl phthalate	ND		ug/kg	1500	380	1
Di-n-butylphthalate	ND		ug/kg	1500	280	1
Di-n-octylphthalate	ND		ug/kg	1500	510	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-14 Date Collected: 05/29/25 12:45

Client ID: SS-05-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1500	140	1
Dimethyl phthalate	ND		ug/kg	1500	310	1
Benzo(a)anthracene	ND		ug/kg	900	170	1
Benzo(a)pyrene	ND		ug/kg	1200	360	1
Benzo(b)fluoranthene	ND		ug/kg	900	250	1
Benzo(k)fluoranthene	ND		ug/kg	900	240	1
Chrysene	ND		ug/kg	900	160	1
Acenaphthylene	ND		ug/kg	1200	230	1
Anthracene	ND		ug/kg	900	290	1
Benzo(ghi)perylene	ND		ug/kg	1200	180	1
Fluorene	ND		ug/kg	1500	140	1
Phenanthrene	ND		ug/kg	900	180	1
Dibenzo(a,h)anthracene	ND		ug/kg	900	170	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1200	210	1
Pyrene	150	J	ug/kg	900	150	1
Biphenyl	ND		ug/kg	3400	190	1
4-Chloroaniline	ND		ug/kg	1500	270	1
2-Nitroaniline	ND		ug/kg	1500	290	1
3-Nitroaniline	ND		ug/kg	1500	280	1
4-Nitroaniline	ND		ug/kg	1500	620	1
Dibenzofuran	ND		ug/kg	1500	140	1
2-Methylnaphthalene	ND		ug/kg	1800	180	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1500	160	1
Acetophenone	ND		ug/kg	1500	180	1
2,4,6-Trichlorophenol	ND		ug/kg	900	280	1
p-Chloro-m-cresol	ND		ug/kg	1500	220	1
2-Chlorophenol	ND		ug/kg	1500	180	1
2,4-Dichlorophenol	ND		ug/kg	1300	240	1
2,4-Dimethylphenol	ND		ug/kg	1500	490	1
2-Nitrophenol	ND		ug/kg	3200	560	1
4-Nitrophenol	ND		ug/kg	2100	610	1
2,4-Dinitrophenol	ND		ug/kg	7200	700	1
4,6-Dinitro-o-cresol	ND		ug/kg	3900	720	1
Pentachlorophenol	ND		ug/kg	1200	330	1
Phenol	800	J	ug/kg	1500	230	1
2-Methylphenol	ND		ug/kg	1500	230	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	2200	230	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-14 Date Collected: 05/29/25 12:45

Client ID: SS-05-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1500	290	1
Benzoic Acid	2800	J	ug/kg	4800	1500	1
Benzyl Alcohol	ND		ug/kg	1500	460	1
Carbazole	ND		ug/kg	1500	140	1
1,4-Dioxane	ND		ug/kg	220	69.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		25-120
Phenol-d6	37		10-120
Nitrobenzene-d5	27		23-120
2-Fluorobiphenyl	**23**	Q	30-120
2,4,6-Tribromophenol	36		10-136
4-Terphenyl-d14	31		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-14
Client ID: SS-05-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 144,1633
Analytical Date: 06/12/25 15:58
Analyst: AC
Percent Solids: 11%

Extraction Method: EPA 1633
Extraction Date: 06/10/25 13:05
Cleanup Method: EPA 1633
Cleanup Date: 06/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	2.93	0.102	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	1.46	0.141	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.733	0.073	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	2.93	0.284	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.733	0.056	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.733	0.097	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.733	0.044	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.733	0.073	1
Perfluorooctanoic Acid (PFOA)	0.325	J	ng/g	0.733	0.097	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	2.93	0.542	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.733	0.164	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.733	0.047	1
Perfluorooctanesulfonic Acid (PFOS)	1.32		ng/g	0.733	0.114	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.733	0.129	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	2.93	0.950	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.733	0.108	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.733	0.314	1
Perfluoroundecanoic Acid (PFUnA)	0.276	J	ng/g	0.733	0.047	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.733	0.053	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.733	0.038	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.360	J	ng/g	0.733	0.161	1
Perfluorododecanoic Acid (PFDoA)	0.355	J	ng/g	0.733	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	0.378	J	ng/g	0.733	0.059	1
Perfluorotetradecanoic Acid (PFTeDA)	0.243	J	ng/g	0.733	0.088	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	2.93	0.141	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	2.93	0.108	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.733	0.079	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-14 Date Collected: 05/29/25 12:45

Client ID: SS-05-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	2.93	0.108	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	2.93	0.146	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.733	0.097	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.733	0.079	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	7.33	0.446	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	7.33	0.299	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	1.46	0.062	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	1.46	0.088	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	1.46	0.170	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	1.46	0.302	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	3.66	0.337	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	18.3	0.865	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	18.3	1.34	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-14 Date Collected: 05/29/25 12:45

Client ID: SS-05-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	109		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**179**	Q	40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**280**	Q	40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	110		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	99		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**303**	Q	40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**202**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	93		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	91		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**188**	Q	40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	60		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	69		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	73		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	80		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	78		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	82		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	91		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-15
Client ID: SS-05-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8270E
Analytical Date: 06/13/25 17:55
Analyst: ALS
Percent Solids: 14%

Extraction Method: EPA 3546
Extraction Date: 06/12/25 11:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	900	120	1
1,2,4-Trichlorobenzene	ND		ug/kg	1100	130	1
Hexachlorobenzene	ND		ug/kg	680	130	1
Bis(2-chloroethyl)ether	ND		ug/kg	1000	150	1
2-Chloronaphthalene	ND		ug/kg	1100	110	1
1,2-Dichlorobenzene	ND		ug/kg	1100	200	1
1,3-Dichlorobenzene	ND		ug/kg	1100	190	1
1,4-Dichlorobenzene	ND		ug/kg	1100	200	1
3,3'-Dichlorobenzidine	ND		ug/kg	1100	300	1
2,4-Dinitrotoluene	ND		ug/kg	1100	230	1
2,6-Dinitrotoluene	ND		ug/kg	1100	190	1
Fluoranthene	180	J	ug/kg	680	130	1
4-Chlorophenyl phenyl ether	ND		ug/kg	1100	120	1
4-Bromophenyl phenyl ether	ND		ug/kg	1100	170	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	1400	190	1
Bis(2-chloroethoxy)methane	ND		ug/kg	1200	110	1
Hexachlorobutadiene	ND		ug/kg	1100	160	1
Hexachlorocyclopentadiene	ND		ug/kg	3200	1000	1
Hexachloroethane	ND		ug/kg	900	180	1
Isophorone	ND		ug/kg	1000	150	1
Naphthalene	ND		ug/kg	1100	140	1
Nitrobenzene	ND		ug/kg	1000	170	1
NDPA/DPA	ND		ug/kg	900	130	1
n-Nitrosodi-n-propylamine	ND		ug/kg	1100	170	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1100	390	1
Butyl benzyl phthalate	ND		ug/kg	1100	280	1
Di-n-butylphthalate	ND		ug/kg	1100	210	1
Di-n-octylphthalate	ND		ug/kg	1100	380	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-15 Date Collected: 05/29/25 12:55

Client ID: SS-05-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1100	100	1
Dimethyl phthalate	ND		ug/kg	1100	240	1
Benzo(a)anthracene	ND		ug/kg	680	130	1
Benzo(a)pyrene	ND		ug/kg	900	280	1
Benzo(b)fluoranthene	ND		ug/kg	680	190	1
Benzo(k)fluoranthene	ND		ug/kg	680	180	1
Chrysene	ND		ug/kg	680	120	1
Acenaphthylene	ND		ug/kg	900	170	1
Anthracene	ND		ug/kg	680	220	1
Benzo(ghi)perylene	ND		ug/kg	900	130	1
Fluorene	ND		ug/kg	1100	110	1
Phenanthrene	ND		ug/kg	680	140	1
Dibenzo(a,h)anthracene	ND		ug/kg	680	130	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	900	160	1
Pyrene	150	J	ug/kg	680	110	1
Biphenyl	ND		ug/kg	2600	150	1
4-Chloroaniline	ND		ug/kg	1100	200	1
2-Nitroaniline	ND		ug/kg	1100	220	1
3-Nitroaniline	ND		ug/kg	1100	210	1
4-Nitroaniline	ND		ug/kg	1100	470	1
Dibenzofuran	ND		ug/kg	1100	110	1
2-Methylnaphthalene	ND		ug/kg	1400	140	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1100	120	1
Acetophenone	ND		ug/kg	1100	140	1
2,4,6-Trichlorophenol	ND		ug/kg	680	210	1
p-Chloro-m-cresol	ND		ug/kg	1100	170	1
2-Chlorophenol	ND		ug/kg	1100	130	1
2,4-Dichlorophenol	ND		ug/kg	1000	180	1
2,4-Dimethylphenol	ND		ug/kg	1100	370	1
2-Nitrophenol	ND		ug/kg	2400	420	1
4-Nitrophenol	ND		ug/kg	1600	460	1
2,4-Dinitrophenol	ND		ug/kg	5400	530	1
4,6-Dinitro-o-cresol	ND		ug/kg	2900	540	1
Pentachlorophenol	ND		ug/kg	900	250	1
Phenol	ND		ug/kg	1100	170	1
2-Methylphenol	ND		ug/kg	1100	180	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	1600	180	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-15 Date Collected: 05/29/25 12:55

Client ID: SS-05-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1100	220	1
Benzoic Acid	ND		ug/kg	3700	1100	1
Benzyl Alcohol	ND		ug/kg	1100	340	1
Carbazole	ND		ug/kg	1100	110	1
1,4-Dioxane	ND		ug/kg	170	52.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	44		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	30		30-120
2,4,6-Tribromophenol	44		10-136
4-Terphenyl-d14	22		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-15
Client ID: SS-05-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 144,1633
Analytical Date: 06/24/25 11:24
Analyst: CAP
Percent Solids: 14%

Extraction Method: EPA 1633
Extraction Date: 06/23/25 17:30
Cleanup Method: EPA 1633
Cleanup Date: 06/23/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	2.22	0.078	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	1.11	0.106	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.555	0.056	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	2.22	0.215	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.555	0.042	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.555	0.073	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.555	0.033	1
Perfluorohexanesulfonic Acid (PFHxS)	0.122	JF	ng/g	0.555	0.056	1
Perfluorooctanoic Acid (PFOA)	0.351	J	ng/g	0.555	0.073	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	2.22	0.411	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.555	0.124	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.555	0.036	1
Perfluorooctanesulfonic Acid (PFOS)	0.952		ng/g	0.555	0.087	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.555	0.098	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	2.22	0.719	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.555	0.082	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.555	0.238	1
Perfluoroundecanoic Acid (PFUnA)	0.235	JF	ng/g	0.555	0.036	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.555	0.040	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.555	0.029	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.351	J	ng/g	0.555	0.122	1
Perfluorododecanoic Acid (PFDoA)	0.122	J	ng/g	0.555	0.058	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.555	0.044	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.555	0.067	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	2.22	0.106	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	2.22	0.082	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.555	0.060	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-15 Date Collected: 05/29/25 12:55

Client ID: SS-05-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	2.22	0.082	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	2.22	0.111	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.555	0.073	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.555	0.060	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	5.55	0.338	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	5.55	0.226	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	1.11	0.047	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	1.11	0.067	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	1.11	0.129	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	1.11	0.229	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	2.78	0.255	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	13.9	0.655	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	13.9	1.01	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-15 Date Collected: 05/29/25 12:55

Client ID: SS-05-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	77		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	73		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	118		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	100		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	74		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	187		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	74		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	232		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**145**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	142		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	76		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	59		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	84		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	59		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	67		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	61		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	53		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17
Client ID: SW-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/01/25 15:20
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 05:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17 Date Collected: 05/29/25 13:15

Client ID: SW-02R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	84		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17
Client ID: SW-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/25 22:47
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 05:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17 Date Collected: 05/29/25 13:15

Client ID: SW-02R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	82		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17
Client ID: SW-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/06/25 15:53
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.32	J	ng/l	5.88	0.485	1
Perfluoropentanoic Acid (PFPeA)	1.69	J	ng/l	2.94	0.331	1
Perfluorobutanesulfonic Acid (PFBS)	0.904	J	ng/l	1.47	0.368	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.88	0.838	1
Perfluorohexanoic Acid (PFHxA)	1.60		ng/l	1.47	0.228	1
Perfluoropentanesulfonic Acid (PFPeS)	0.220	J	ng/l	1.47	0.191	1
Perfluoroheptanoic Acid (PFHpA)	1.62		ng/l	1.47	0.220	1
Perfluorohexanesulfonic Acid (PFHxS)	0.860	J	ng/l	1.47	0.125	1
Perfluorooctanoic Acid (PFOA)	7.42		ng/l	1.47	0.243	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.88	4.43	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.220	J	ng/l	1.47	0.184	1
Perfluorononanoic Acid (PFNA)	0.588	J	ng/l	1.47	0.243	1
Perfluorooctanesulfonic Acid (PFOS)	6.44		ng/l	1.47	0.243	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.47	0.191	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.88	1.12	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.47	0.184	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.47	0.441	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.47	0.162	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.47	0.125	1
Perfluorooctanesulfonamide (PFOSA)	0.338	J	ng/l	1.47	0.088	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.47	0.441	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.47	0.198	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.47	0.169	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.47	0.147	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.88	1.47	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.88	0.346	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.47	0.220	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17 Date Collected: 05/29/25 13:15

Client ID: SW-02R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.88	0.404	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.88	0.412	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.47	0.206	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.47	0.324	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.7	1.20	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.7	1.01	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.94	0.228	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.94	0.331	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.94	0.301	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.94	0.500	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.35	0.493	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.8	3.91	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.8	2.93	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17 Date Collected: 05/29/25 13:15

Client ID: SW-02R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	106		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**267**	Q	40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	103		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	95		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	100		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**205**	Q	40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	104		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	111		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	100		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	59		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	59		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	49		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	52		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18
Client ID: SW-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/01/25 15:42
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 05:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18 Date Collected: 05/29/25 13:45

Client ID: SW-03R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	77		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18
Client ID: SW-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/25 23:04
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 05:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18 Date Collected: 05/29/25 13:45

Client ID: SW-03R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	71		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18
Client ID: SW-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/06/25 16:02
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.02	J	ng/l	5.88	0.485	1
Perfluoropentanoic Acid (PFPeA)	1.64	J	ng/l	2.94	0.330	1
Perfluorobutanesulfonic Acid (PFBS)	1.05	J	ng/l	1.47	0.367	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.88	0.837	1
Perfluorohexanoic Acid (PFHxA)	1.94		ng/l	1.47	0.228	1
Perfluoropentanesulfonic Acid (PFPeS)	0.198	J	ng/l	1.47	0.191	1
Perfluoroheptanoic Acid (PFHpA)	1.60		ng/l	1.47	0.220	1
Perfluorohexanesulfonic Acid (PFHxS)	0.874	J	ng/l	1.47	0.125	1
Perfluorooctanoic Acid (PFOA)	6.78		ng/l	1.47	0.242	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.88	4.42	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.220	J	ng/l	1.47	0.184	1
Perfluorononanoic Acid (PFNA)	0.632	J	ng/l	1.47	0.242	1
Perfluorooctanesulfonic Acid (PFOS)	5.89		ng/l	1.47	0.242	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.47	0.191	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.88	1.12	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.47	0.184	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.47	0.441	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.47	0.162	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.47	0.125	1
Perfluorooctanesulfonamide (PFOSA)	0.272	J	ng/l	1.47	0.088	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.47	0.441	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.47	0.198	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.47	0.169	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.47	0.147	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.88	1.47	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.88	0.345	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.47	0.220	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18 Date Collected: 05/29/25 13:45

Client ID: SW-03R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.88	0.404	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.88	0.411	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.47	0.206	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.47	0.323	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.7	1.20	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.7	1.01	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.94	0.228	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.94	0.330	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.94	0.301	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.94	0.500	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.34	0.492	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.7	3.91	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.7	2.92	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18 Date Collected: 05/29/25 13:45

Client ID: SW-03R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**252**	Q	40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	98		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	98		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	104		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**236**	Q	40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	103		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	116		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	97		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	51		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	38		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	86		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	54		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	46		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	46		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19
Client ID: SW-04-4-5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 14:00
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/01/25 17:36
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 05:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19 Date Collected: 05/29/25 14:00

Client ID: SW-04-4-5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	74		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19
Client ID: SW-04-4-5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 14:00
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/25 23:21
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 05:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19 Date Collected: 05/29/25 14:00

Client ID: SW-04-4-5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	72		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19
Client ID: SW-04-4-5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 14:00
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/06/25 16:11
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.90	J	ng/l	5.89	0.486	1
Perfluoropentanoic Acid (PFPeA)	1.49	J	ng/l	2.94	0.331	1
Perfluorobutanesulfonic Acid (PFBS)	1.03	J	ng/l	1.47	0.368	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.89	0.839	1
Perfluorohexanoic Acid (PFHxA)	1.84		ng/l	1.47	0.228	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.47	0.191	1
Perfluoroheptanoic Acid (PFHpA)	1.75		ng/l	1.47	0.221	1
Perfluorohexanesulfonic Acid (PFHxS)	0.935	J	ng/l	1.47	0.125	1
Perfluorooctanoic Acid (PFOA)	7.73		ng/l	1.47	0.243	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.89	4.43	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.47	0.184	1
Perfluorononanoic Acid (PFNA)	0.611	J	ng/l	1.47	0.243	1
Perfluorooctanesulfonic Acid (PFOS)	6.24		ng/l	1.47	0.243	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.47	0.191	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.89	1.13	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.47	0.184	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.47	0.442	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.47	0.162	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.47	0.125	1
Perfluorooctanesulfonamide (PFOSA)	0.280	J	ng/l	1.47	0.088	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.47	0.442	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.47	0.199	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.47	0.169	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.47	0.147	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.89	1.47	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.89	0.346	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.47	0.221	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19 Date Collected: 05/29/25 14:00

Client ID: SW-04-4-5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.89	0.405	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.89	0.412	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.47	0.206	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.47	0.324	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.7	1.20	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.7	1.02	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.94	0.228	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.94	0.331	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.94	0.302	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.94	0.500	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.36	0.493	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.8	3.92	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.8	2.93	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19 Date Collected: 05/29/25 14:00

Client ID: SW-04-4-5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**256**	Q	40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	191		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	100		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	97		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	64		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	79		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	54		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	39		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	75		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	58		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	55		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	50		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	51		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20
Client ID: SW-05-4-5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 14:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/01/25 17:59
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 05:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20 Date Collected: 05/29/25 14:15

Client ID: SW-05-4-5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	81		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20
Client ID: SW-05-4-5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 14:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/25 23:39
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 05:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20 Date Collected: 05/29/25 14:15

Client ID: SW-05-4-5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	74		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20
Client ID: SW-05-4-5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 14:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/06/25 16:20
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.36	J	ng/l	5.98	0.493	1
Perfluoropentanoic Acid (PFPeA)	1.66	J	ng/l	2.99	0.336	1
Perfluorobutanesulfonic Acid (PFBS)	1.14	J	ng/l	1.49	0.373	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.98	0.852	1
Perfluorohexanoic Acid (PFHxA)	1.87		ng/l	1.49	0.232	1
Perfluoropentanesulfonic Acid (PFPeS)	0.209	J	ng/l	1.49	0.194	1
Perfluoroheptanoic Acid (PFHpA)	1.42	J	ng/l	1.49	0.224	1
Perfluorohexanesulfonic Acid (PFHxS)	0.971	J	ng/l	1.49	0.127	1
Perfluorooctanoic Acid (PFOA)	8.17		ng/l	1.49	0.246	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.98	4.50	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.202	J	ng/l	1.49	0.187	1
Perfluorononanoic Acid (PFNA)	0.650	J	ng/l	1.49	0.246	1
Perfluorooctanesulfonic Acid (PFOS)	5.92		ng/l	1.49	0.246	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.49	0.194	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.98	1.14	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.49	0.187	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.49	0.448	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.49	0.164	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.49	0.127	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.49	0.090	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.49	0.448	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.49	0.202	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.49	0.172	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.49	0.149	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.98	1.49	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.98	0.351	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.49	0.224	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20 Date Collected: 05/29/25 14:15

Client ID: SW-05-4-5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.98	0.411	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.98	0.418	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.49	0.209	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.49	0.329	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.9	1.22	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.9	1.03	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.99	0.232	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.99	0.336	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.99	0.306	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.99	0.508	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.47	0.500	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.3	3.97	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.3	2.97	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20 Date Collected: 05/29/25 14:15

Client ID: SW-05-4-5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**246**	Q	40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	102		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	193		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	102		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	92		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	63		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	59		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	41		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	59		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	57		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	51		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	54		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-21
Client ID: SS-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 16:20
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8270E
Analytical Date: 06/02/25 19:06
Analyst: SMZ
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 17:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	190	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	27.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	32.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
1,2-Dichlorobenzene	ND		ug/kg	230	42.	1
1,3-Dichlorobenzene	ND		ug/kg	230	40.	1
1,4-Dichlorobenzene	ND		ug/kg	230	41.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	62.	1
2,4-Dinitrotoluene	ND		ug/kg	230	47.	1
2,6-Dinitrotoluene	ND		ug/kg	230	40.	1
Fluoranthene	ND		ug/kg	140	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	40.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	670	210	1
Hexachloroethane	ND		ug/kg	190	38.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	ND		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	35.	1
NDPA/DPA	ND		ug/kg	190	27.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	36.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	81.	1
Butyl benzyl phthalate	ND		ug/kg	230	59.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	80.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-21 Date Collected: 05/29/25 16:20

Client ID: SS-07-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	230	22.	1
Dimethyl phthalate	ND		ug/kg	230	49.	1
Benzo(a)anthracene	ND		ug/kg	140	26.	1
Benzo(a)pyrene	ND		ug/kg	190	57.	1
Benzo(b)fluoranthene	ND		ug/kg	140	39.	1
Benzo(k)fluoranthene	ND		ug/kg	140	37.	1
Chrysene	ND		ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	190	36.	1
Anthracene	ND		ug/kg	140	46.	1
Benzo(ghi)perylene	ND		ug/kg	190	28.	1
Fluorene	ND		ug/kg	230	23.	1
Phenanthrene	ND		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	27.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	190	33.	1
Pyrene	ND		ug/kg	140	23.	1
Biphenyl	ND		ug/kg	530	30.	1
4-Chloroaniline	ND		ug/kg	230	43.	1
2-Nitroaniline	ND		ug/kg	230	45.	1
3-Nitroaniline	ND		ug/kg	230	44.	1
4-Nitroaniline	ND		ug/kg	230	97.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	ND		ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	29.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	35.	1
2-Chlorophenol	ND		ug/kg	230	28.	1
2,4-Dichlorophenol	ND		ug/kg	210	38.	1
2,4-Dimethylphenol	ND		ug/kg	230	77.	1
2-Nitrophenol	ND		ug/kg	500	88.	1
4-Nitrophenol	ND		ug/kg	330	96.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	610	110	1
Pentachlorophenol	ND		ug/kg	190	52.	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	340	37.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-21 Date Collected: 05/29/25 16:20

Client ID: SS-07-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	230	45.	1
Benzoic Acid	ND		ug/kg	760	240	1
Benzyl Alcohol	ND		ug/kg	230	72.	1
Carbazole	ND		ug/kg	230	23.	1
1,4-Dioxane	ND		ug/kg	35	11.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	56		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-21
Client ID: SS-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 16:20
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 144,1633
Analytical Date: 06/12/25 14:45
Analyst: AC
Percent Solids: 71%

Extraction Method: EPA 1633
Extraction Date: 06/10/25 13:05
Cleanup Method: EPA 1633
Cleanup Date: 06/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.035	J	ng/g	0.798	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.798	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.027	J	ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.346		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.035	JF	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.484		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.798	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.798	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.798	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-21 Date Collected: 05/29/25 16:20

Client ID: SS-07-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.798	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.798	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-21 Date Collected: 05/29/25 16:20

Client ID: SS-07-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	100		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	117		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	149		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	107		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	166		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	112		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	103		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	106		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	226		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	132		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	99		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	88		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	134		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	87		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	95		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	82		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	87		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	100		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-22
Client ID: SS-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8270E
Analytical Date: 06/02/25 19:24
Analyst: SMZ
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 17:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-22 Date Collected: 05/29/25 17:35

Client ID: SS-08-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	28.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-22 Date Collected: 05/29/25 17:35

Client ID: SS-08-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Benzoic Acid	ND		ug/kg	690	210	1
Benzyl Alcohol	ND		ug/kg	210	65.	1
Carbazole	ND		ug/kg	210	21.	1
1,4-Dioxane	ND		ug/kg	32	9.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	69		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-22
Client ID: SS-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 144,1633
Analytical Date: 06/12/25 14:54
Analyst: AC
Percent Solids: 77%

Extraction Method: EPA 1633
Extraction Date: 06/10/25 13:05
Cleanup Method: EPA 1633
Cleanup Date: 06/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.031	J	ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.194	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.320		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-22 Date Collected: 05/29/25 17:35

Client ID: SS-08-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.999	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.365	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-22 Date Collected: 05/29/25 17:35

Client ID: SS-08-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	103		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	108		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	105		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	154		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	100		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	99		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	102		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	165		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	108		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	101		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	107		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	169		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	120		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	101		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	96		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	117		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	80		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	75		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	88		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	90		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	78		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	98		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-23
Client ID: DUP-01-250529
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8270E
Analytical Date: 06/02/25 15:16
Analyst: SMZ
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 18:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	26.	1
Hexachlorobenzene	ND		ug/kg	140	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	31.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	40.	1
1,3-Dichlorobenzene	ND		ug/kg	220	39.	1
1,4-Dichlorobenzene	ND		ug/kg	220	39.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	60.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	39.	1
Fluoranthene	ND		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	23.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	78.	1
Butyl benzyl phthalate	ND		ug/kg	220	57.	1
Di-n-butylphthalate	ND		ug/kg	220	43.	1
Di-n-octylphthalate	ND		ug/kg	220	77.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-23 Date Collected: 05/29/25 17:35

Client ID: DUP-01-250529 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	ND		ug/kg	140	25.	1
Benzo(a)pyrene	ND		ug/kg	180	55.	1
Benzo(b)fluoranthene	ND		ug/kg	140	38.	1
Benzo(k)fluoranthene	ND		ug/kg	140	36.	1
Chrysene	ND		ug/kg	140	23.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	ND		ug/kg	140	44.	1
Benzo(ghi)perylene	66	J	ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	140	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	42	J	ug/kg	180	31.	1
Pyrene	ND		ug/kg	140	22.	1
Biphenyl	ND		ug/kg	510	29.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	44.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	93.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	24.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	220	34.	1
2-Chlorophenol	ND		ug/kg	220	27.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	490	85.	1
4-Nitrophenol	ND		ug/kg	320	92.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	590	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-23 Date Collected: 05/29/25 17:35

Client ID: DUP-01-250529 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Benzoic Acid	ND		ug/kg	730	230	1
Benzyl Alcohol	ND		ug/kg	220	69.	1
Carbazole	ND		ug/kg	220	22.	1
1,4-Dioxane	ND		ug/kg	34	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	78		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-23
Client ID: DUP-01-250529
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 144,1633
Analytical Date: 06/12/25 16:07
Analyst: AC
Percent Solids: 72%

Extraction Method: EPA 1633
Extraction Date: 06/10/25 13:05
Cleanup Method: EPA 1633
Cleanup Date: 06/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.031	J	ng/g	0.796	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.796	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.130	J	ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.796	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.341		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.796	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.796	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.796	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-23 Date Collected: 05/29/25 17:35

Client ID: DUP-01-250529 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.796	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.796	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.995	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.97	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.97	0.364	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-23 Date Collected: 05/29/25 17:35

Client ID: DUP-01-250529 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	105		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	112		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	106		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	136		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	77		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	89		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	107		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	144		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	108		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	110		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	118		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	186		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**142**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	114		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	101		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**160**	Q	40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	91		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	72		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	96		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	90		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	95		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	110		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-24
Client ID: SS-08-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8270E
Analytical Date: 06/02/25 15:34
Analyst: SMZ
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 18:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	37.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	43.	1
2,6-Dinitrotoluene	ND		ug/kg	210	37.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	41.	1
Di-n-octylphthalate	ND		ug/kg	210	73.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-24 Date Collected: 05/29/25 17:55

Client ID: SS-08-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	89.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	71.	1
2-Nitrophenol	ND		ug/kg	460	81.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-24 Date Collected: 05/29/25 17:55

Client ID: SS-08-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Benzoic Acid	ND		ug/kg	700	220	1
Benzyl Alcohol	ND		ug/kg	210	66.	1
Carbazole	ND		ug/kg	210	21.	1
1,4-Dioxane	ND		ug/kg	32	9.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	104		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	89		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-24
Client ID: SS-08-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 144,1633
Analytical Date: 06/12/25 16:16
Analyst: AC
Percent Solids: 76%

Extraction Method: EPA 1633
Extraction Date: 06/10/25 13:05
Cleanup Method: EPA 1633
Cleanup Date: 06/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.029	J	ng/g	0.796	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.796	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.239		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.796	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.030	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.326		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.796	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.796	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.796	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-24 Date Collected: 05/29/25 17:55

Client ID: SS-08-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.796	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.796	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.996	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-24 Date Collected: 05/29/25 17:55

Client ID: SS-08-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	116		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	**134**	Q	35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	116		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	163		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	104		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	118		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	112		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	112		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	152		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	102		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	120		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	119		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	182		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**153**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	126		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	121		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**167**	Q	40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	83		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	98		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	119		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	93		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	96		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	104		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	126		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26
Client ID: SW-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 10:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/01/25 18:12
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 12:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26 Date Collected: 05/30/25 10:45

Client ID: SW-08-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	74		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26
Client ID: SW-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 10:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/25 19:55
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 12:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26 Date Collected: 05/30/25 10:45

Client ID: SW-08-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	91		15-120
2,4,6-Tribromophenol	**125**	Q	10-120
4-Terphenyl-d14	93		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26
Client ID: SW-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 10:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/06/25 16:29
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.66	J	ng/l	6.05	0.499	1
Perfluoropentanoic Acid (PFPeA)	0.726	J	ng/l	3.02	0.340	1
Perfluorobutanesulfonic Acid (PFBS)	1.14	J	ng/l	1.51	0.378	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.05	0.862	1
Perfluorohexanoic Acid (PFHxA)	0.945	J	ng/l	1.51	0.234	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.51	0.197	1
Perfluoroheptanoic Acid (PFHpA)	1.13	J	ng/l	1.51	0.227	1
Perfluorohexanesulfonic Acid (PFHxS)	0.922	J	ng/l	1.51	0.128	1
Perfluorooctanoic Acid (PFOA)	10.5		ng/l	1.51	0.250	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.05	4.55	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.295	JF	ng/l	1.51	0.189	1
Perfluorononanoic Acid (PFNA)	0.423	J	ng/l	1.51	0.250	1
Perfluorooctanesulfonic Acid (PFOS)	7.88		ng/l	1.51	0.250	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.51	0.197	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.05	1.16	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.51	0.189	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.51	0.454	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.51	0.166	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.51	0.128	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.51	0.091	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.51	0.454	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.51	0.204	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.51	0.174	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.51	0.151	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.05	1.51	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.05	0.355	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.51	0.227	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26 Date Collected: 05/30/25 10:45

Client ID: SW-08-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.05	0.416	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.05	0.423	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.51	0.212	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.51	0.333	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.1	1.23	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.1	1.04	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.02	0.234	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.02	0.340	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.02	0.310	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.02	0.514	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.56	0.507	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.8	4.02	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.8	3.01	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26 Date Collected: 05/30/25 10:45

Client ID: SW-08-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	120		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	72		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	120		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	116		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	95		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	96		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	101		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	76		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	65		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	66		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	56		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	62		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	100		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	68		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	56		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	63		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27
Client ID: SW-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 11:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/01/25 19:19
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 12:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	2.3	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27 Date Collected: 05/30/25 11:45

Client ID: SW-07-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	70		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27
Client ID: SW-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 11:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/25 20:11
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 12:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27 Date Collected: 05/30/25 11:45

Client ID: SW-07-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	73		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27
Client ID: SW-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 11:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/06/25 16:55
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.68	J	ng/l	5.77	0.476	1
Perfluoropentanoic Acid (PFPeA)	0.823	J	ng/l	2.89	0.325	1
Perfluorobutanesulfonic Acid (PFBS)	1.21	J	ng/l	1.44	0.361	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.77	0.823	1
Perfluorohexanoic Acid (PFHxA)	1.17	J	ng/l	1.44	0.224	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.44	0.188	1
Perfluoroheptanoic Acid (PFHpA)	1.26	J	ng/l	1.44	0.216	1
Perfluorohexanesulfonic Acid (PFHxS)	1.00	J	ng/l	1.44	0.123	1
Perfluorooctanoic Acid (PFOA)	10.0		ng/l	1.44	0.238	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.77	4.34	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.404	J	ng/l	1.44	0.180	1
Perfluorononanoic Acid (PFNA)	0.570	J	ng/l	1.44	0.238	1
Perfluorooctanesulfonic Acid (PFOS)	9.16		ng/l	1.44	0.238	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.44	0.188	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.77	1.10	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.44	0.180	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.44	0.433	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.44	0.159	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.44	0.123	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.44	0.087	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.44	0.433	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.44	0.195	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.44	0.166	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.44	0.144	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.77	1.44	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.77	0.339	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.44	0.216	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27 Date Collected: 05/30/25 11:45

Client ID: SW-07-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.77	0.397	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.77	0.404	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.44	0.202	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.44	0.318	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.4	1.18	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.4	0.996	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.89	0.224	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.89	0.325	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.89	0.296	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.89	0.491	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.22	0.484	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.1	3.84	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.1	2.87	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27 Date Collected: 05/30/25 11:45

Client ID: SW-07-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	120		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	74		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	115		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	100		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	115		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	97		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	90		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	67		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	79		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	55		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	64		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	112		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	65		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	71		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	59		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	69		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28
Client ID: DUP-02-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 12:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/01/25 19:42
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 12:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28 Date Collected: 05/30/25 12:00

Client ID: DUP-02-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	69		41-149

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28
Client ID: DUP-02-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 12:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/25 20:28
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 12:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28 Date Collected: 05/30/25 12:00

Client ID: DUP-02-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	65		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28
Client ID: DUP-02-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 12:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/06/25 17:04
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.69	J	ng/l	5.67	0.468	1
Perfluoropentanoic Acid (PFPeA)	0.865	J	ng/l	2.84	0.319	1
Perfluorobutanesulfonic Acid (PFBS)	1.15	J	ng/l	1.42	0.354	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.67	0.808	1
Perfluorohexanoic Acid (PFHxA)	1.16	J	ng/l	1.42	0.220	1
Perfluoropentanesulfonic Acid (PFPeS)	0.220	J	ng/l	1.42	0.184	1
Perfluoroheptanoic Acid (PFHpA)	1.31	J	ng/l	1.42	0.213	1
Perfluorohexanesulfonic Acid (PFHxS)	1.04	J	ng/l	1.42	0.120	1
Perfluorooctanoic Acid (PFOA)	10.5		ng/l	1.42	0.234	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.67	4.27	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.340	J	ng/l	1.42	0.177	1
Perfluorononanoic Acid (PFNA)	0.418	J	ng/l	1.42	0.234	1
Perfluorooctanesulfonic Acid (PFOS)	8.16		ng/l	1.42	0.234	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.42	0.184	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.67	1.08	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.42	0.177	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.42	0.425	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.42	0.156	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.42	0.120	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.42	0.085	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.42	0.425	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.42	0.191	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.42	0.163	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.42	0.142	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.67	1.42	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.67	0.333	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.42	0.213	1

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28
Client ID: DUP-02-250530
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/30/25 12:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.67	0.390	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.67	0.397	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.42	0.198	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.42	0.312	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.2	1.16	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.2	0.978	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.84	0.220	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.84	0.319	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.84	0.291	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.84	0.482	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.09	0.475	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	35.4	3.77	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	35.4	2.82	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28 Date Collected: 05/30/25 12:00

Client ID: DUP-02-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	96		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	110		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	112		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	107		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	99		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	87		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	99		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	98		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	82		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	88		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	69		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	98		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	74		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	65		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	73		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-29
Client ID: SS-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 13:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8270E
Analytical Date: 06/01/25 22:57
Analyst: JG
Percent Solids: 51%

Extraction Method: EPA 3546
Extraction Date: 05/31/25 10:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	260	33.	1
1,2,4-Trichlorobenzene	ND		ug/kg	320	36.	1
Hexachlorobenzene	ND		ug/kg	190	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	290	43.	1
2-Chloronaphthalene	ND		ug/kg	320	32.	1
1,2-Dichlorobenzene	ND		ug/kg	320	57.	1
1,3-Dichlorobenzene	ND		ug/kg	320	55.	1
1,4-Dichlorobenzene	ND		ug/kg	320	56.	1
3,3'-Dichlorobenzidine	ND		ug/kg	320	85.	1
2,4-Dinitrotoluene	ND		ug/kg	320	64.	1
2,6-Dinitrotoluene	ND		ug/kg	320	55.	1
Fluoranthene	ND		ug/kg	190	37.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	320	34.	1
4-Bromophenyl phenyl ether	ND		ug/kg	320	49.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	380	54.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	340	32.	1
Hexachlorobutadiene	ND		ug/kg	320	47.	1
Hexachlorocyclopentadiene	ND		ug/kg	910	290	1
Hexachloroethane	ND		ug/kg	260	52.	1
Isophorone	ND		ug/kg	290	41.	1
Naphthalene	ND		ug/kg	320	39.	1
Nitrobenzene	ND		ug/kg	290	47.	1
NDPA/DPA	ND		ug/kg	260	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	320	49.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	320	110	1
Butyl benzyl phthalate	ND		ug/kg	320	80.	1
Di-n-butylphthalate	ND		ug/kg	320	60.	1
Di-n-octylphthalate	ND		ug/kg	320	110	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-29 Date Collected: 05/30/25 13:00

Client ID: SS-06-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	320	30.	1
Dimethyl phthalate	ND		ug/kg	320	67.	1
Benzo(a)anthracene	ND		ug/kg	190	36.	1
Benzo(a)pyrene	ND		ug/kg	260	78.	1
Benzo(b)fluoranthene	ND		ug/kg	190	54.	1
Benzo(k)fluoranthene	ND		ug/kg	190	51.	1
Chrysene	ND		ug/kg	190	33.	1
Acenaphthylene	ND		ug/kg	260	49.	1
Anthracene	ND		ug/kg	190	62.	1
Benzo(ghi)perylene	ND		ug/kg	260	38.	1
Fluorene	ND		ug/kg	320	31.	1
Phenanthrene	ND		ug/kg	190	39.	1
Dibenzo(a,h)anthracene	ND		ug/kg	190	37.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	260	44.	1
Pyrene	ND		ug/kg	190	32.	1
Biphenyl	ND		ug/kg	730	42.	1
4-Chloroaniline	ND		ug/kg	320	58.	1
2-Nitroaniline	ND		ug/kg	320	62.	1
3-Nitroaniline	ND		ug/kg	320	60.	1
4-Nitroaniline	ND		ug/kg	320	130	1
Dibenzofuran	ND		ug/kg	320	30.	1
2-Methylnaphthalene	ND		ug/kg	380	39.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	320	33.	1
Acetophenone	ND		ug/kg	320	40.	1
2,4,6-Trichlorophenol	ND		ug/kg	190	60.	1
p-Chloro-m-cresol	ND		ug/kg	320	48.	1
2-Chlorophenol	ND		ug/kg	320	38.	1
2,4-Dichlorophenol	ND		ug/kg	290	51.	1
2,4-Dimethylphenol	ND		ug/kg	320	100	1
2-Nitrophenol	ND		ug/kg	690	120	1
4-Nitrophenol	ND		ug/kg	450	130	1
2,4-Dinitrophenol	ND		ug/kg	1500	150	1
4,6-Dinitro-o-cresol	ND		ug/kg	830	150	1
Pentachlorophenol	ND		ug/kg	260	70.	1
Phenol	ND		ug/kg	320	48.	1
2-Methylphenol	ND		ug/kg	320	50.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	460	50.	1

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-29
Client ID: SS-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 13:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	320	61.	1
Benzoic Acid	ND		ug/kg	1000	320	1
Benzyl Alcohol	ND		ug/kg	320	98.	1
Carbazole	ND		ug/kg	320	31.	1
1,4-Dioxane	ND		ug/kg	48	15.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	41		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-29
Client ID: SS-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 13:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 144,1633
Analytical Date: 06/12/25 16:25
Analyst: AC
Percent Solids: 51%

Extraction Method: EPA 1633
Extraction Date: 06/10/25 13:05
Cleanup Method: EPA 1633
Cleanup Date: 06/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.136	J	ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.074	J	ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.085	J	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.083	J	ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.722		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.086	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	1.24		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-29 Date Collected: 05/30/25 13:00

Client ID: SS-06-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.996	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-29 Date Collected: 05/30/25 13:00

Client ID: SS-06-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	106		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	122		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**172**	Q	40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	110		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	104		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	128		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	189		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	112		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	94		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	103		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	234		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	134		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	97		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	50		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	136		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	88		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	73		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	71		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	83		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	93		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31
Client ID: SW-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 13:30
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/01/25 20:04
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 12:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31 Date Collected: 05/30/25 13:30

Client ID: SW-06-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	76		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31
Client ID: SW-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 13:30
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/25 20:45
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 12:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31 Date Collected: 05/30/25 13:30

Client ID: SW-06-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	78		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31
Client ID: SW-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 13:30
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/06/25 17:13
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.81	J	ng/l	6.06	0.500	1
Perfluoropentanoic Acid (PFPeA)	0.659	J	ng/l	3.03	0.341	1
Perfluorobutanesulfonic Acid (PFBS)	1.15	J	ng/l	1.52	0.379	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.06	0.864	1
Perfluorohexanoic Acid (PFHxA)	1.08	J	ng/l	1.52	0.235	1
Perfluoropentanesulfonic Acid (PFPeS)	0.197	J	ng/l	1.52	0.197	1
Perfluoroheptanoic Acid (PFHpA)	1.30	J	ng/l	1.52	0.227	1
Perfluorohexanesulfonic Acid (PFHxS)	1.23	J	ng/l	1.52	0.129	1
Perfluorooctanoic Acid (PFOA)	11.4		ng/l	1.52	0.250	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.06	4.56	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.310	J	ng/l	1.52	0.189	1
Perfluorononanoic Acid (PFNA)	0.470	J	ng/l	1.52	0.250	1
Perfluorooctanesulfonic Acid (PFOS)	8.13		ng/l	1.52	0.250	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.52	0.197	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.06	1.16	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.52	0.189	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.52	0.454	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.52	0.167	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.52	0.129	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.52	0.091	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.52	0.454	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.52	0.204	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.52	0.174	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.52	0.152	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.06	1.52	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.06	0.356	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.52	0.227	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31 Date Collected: 05/30/25 13:30

Client ID: SW-06-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.06	0.417	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.06	0.424	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.52	0.212	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.52	0.333	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.2	1.23	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.2	1.04	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.03	0.235	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.03	0.341	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.03	0.310	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.03	0.515	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.58	0.508	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.9	4.03	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.9	3.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31 Date Collected: 05/30/25 13:30

Client ID: SW-06-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	109		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	98		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	95		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	109		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	94		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	63		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	64		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	57		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	51		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	88		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	61		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	66		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	55		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	64		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32
Client ID: FB-SED-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 14:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/01/25 20:27
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 12:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32 Date Collected: 05/30/25 14:45

Client ID: FB-SED-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	91		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32
Client ID: FB-SED-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 14:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/25 21:02
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 12:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32 Date Collected: 05/30/25 14:45

Client ID: FB-SED-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	109		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	**126**	Q	10-120
4-Terphenyl-d14	102		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32
Client ID: FB-SED-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 14:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/06/25 18:15
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.62	0.546	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.31	0.372	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.65	0.413	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.62	0.943	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.65	0.256	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.65	0.215	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.65	0.248	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.65	0.140	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.65	0.273	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.62	4.98	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.65	0.207	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.65	0.273	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.65	0.273	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.65	0.215	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.62	1.26	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.65	0.207	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.65	0.496	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.65	0.182	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.65	0.140	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.65	0.099	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.65	0.496	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.65	0.223	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.65	0.190	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.65	0.165	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.62	1.65	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.62	0.389	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.65	0.248	1

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32
Client ID: FB-SED-250530
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/30/25 14:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.62	0.455	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.62	0.463	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.65	0.232	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.65	0.364	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.5	1.35	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.5	1.14	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.31	0.256	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.31	0.372	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.31	0.339	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.31	0.562	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.27	0.554	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	41.3	4.40	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	41.3	3.29	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32 Date Collected: 05/30/25 14:45

Client ID: FB-SED-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	80		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	76		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	113		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	77		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	85		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	72		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	62		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	54		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	59		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	65		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	70		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33
Client ID: FB-SW-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 15:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/01/25 20:49
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 12:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33 Date Collected: 05/30/25 15:00

Client ID: FB-SW-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	95		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33
Client ID: FB-SW-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 15:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/25 21:18
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 12:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33 Date Collected: 05/30/25 15:00

Client ID: FB-SW-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	84		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33
Client ID: FB-SW-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 15:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/06/25 18:24
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.26	0.517	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.13	0.352	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.56	0.391	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.26	0.893	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.56	0.243	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.56	0.204	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.56	0.235	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.56	0.133	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.56	0.258	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.26	4.71	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.56	0.196	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.56	0.258	1
Perfluorooctanesulfonic Acid (PFOS)	0.274	J	ng/l	1.56	0.258	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.56	0.204	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.26	1.20	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.56	0.196	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.56	0.470	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.56	0.172	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.56	0.133	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.56	0.094	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.56	0.470	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.56	0.211	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.56	0.180	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.56	0.156	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.26	1.56	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.26	0.368	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.56	0.235	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33 Date Collected: 05/30/25 15:00

Client ID: FB-SW-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.26	0.431	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.26	0.438	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.56	0.219	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.56	0.344	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.6	1.28	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.6	1.08	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.13	0.243	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.13	0.352	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.13	0.321	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.13	0.532	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.83	0.525	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.1	4.16	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.1	3.12	1

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33 Date Collected: 05/30/25 15:00

Client ID: FB-SW-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	84		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	93		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	102		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	95		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	65		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	88		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	72		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	71		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	68		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	70		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	74		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	86		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/30/25 22:09
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 05/30/25 01:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 23-24 Batch: WG2072873-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/30/25 22:09
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 05/30/25 01:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 23-24 Batch: WG2072873-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/30/25 22:09
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 05/30/25 01:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 23-24 Batch: WG2072873-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	66		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/31/25 08:09
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/30/25 16:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26-28,31-33 Batch: WG2073247-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/31/25 08:09
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/30/25 16:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26-28,31-33 Batch: WG2073247-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/31/25 08:09
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/30/25 16:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26-28,31-33 Batch: WG2073247-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	40		15-120
2,4,6-Tribromophenol	40		10-120
4-Terphenyl-d14	42		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/25 15:40
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 05/30/25 16:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 26-28,31-33 Batch: WG2073248-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	0.12	J	ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/25 15:40
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 05/30/25 16:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 26-28,31-33 Batch: WG2073248-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	67		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/31/25 02:01
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 05/30/25 16:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,07,10,14,21-22 Batch: WG2073264-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/31/25 02:01
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 05/30/25 16:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,07,10,14,21-22 Batch: WG2073264-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/31/25 02:01
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 05/30/25 16:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,07,10,14,21-22 Batch: WG2073264-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	44		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	56		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/01/25 11:54
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 05:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13,17-20 Batch: WG2073333-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/01/25 11:54
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 05:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13,17-20 Batch: WG2073333-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/01/25 11:54
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 05:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13,17-20 Batch: WG2073333-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	76		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/25 20:30
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 05:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 13,17-20 Batch: WG2073334-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.05	J	ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/31/25 20:30
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 05:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 13,17-20 Batch: WG2073334-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	88		41-149

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/01/25 14:18
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/31/25 10:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 29 Batch: WG2073421-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/01/25 14:18
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/31/25 10:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 29 Batch: WG2073421-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/01/25 14:18
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/31/25 10:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 29 Batch: WG2073421-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	72		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/06/25 06:21
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 13,17-20,26-28,31-33 Batch: WG2075441-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	0.528
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.360
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	0.912
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.248
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.208
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.240
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.136
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.264
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	4.82
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.200
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.264
Perfluorooctanesulfonic Acid (PFOS)	0.352	J	ng/l	1.60	0.264
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.208
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	1.22
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.200
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.480
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.176
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.136
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.096
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.480
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.216
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.184
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	1.60
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	0.376

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/06/25 06:21
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 13,17-20,26-28,31-33 Batch: WG2075441-1					
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.240
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	0.440
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	0.448
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.224
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.352
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.10
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.248
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.360
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.328
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.544
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	0.536
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	4.26
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	3.18

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/06/25 06:21
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/05/25 18:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 13,17-20,26-28,31-33 Batch: WG2075441-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	93		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	104		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	93		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	99		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	98		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	80		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	92		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	76		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	87		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	65		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	82		10-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/12/25 13:06
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/10/25 13:05
Cleanup Method: EPA 1633
Cleanup Date: 06/10/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,04,07,10,14,21-24,29 Batch: WG2077073-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	0.033	JF	ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/12/25 13:06
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/10/25 13:05
Cleanup Method: EPA 1633
Cleanup Date: 06/10/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,04,07,10,14,21-24,29 Batch: WG2077073-1					
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/12/25 13:06
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/10/25 13:05
Cleanup Method: EPA 1633
Cleanup Date: 06/10/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,04,07,10,14,21-24,29 Batch: WG2077073-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	**132**	Q	35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	116		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	142		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	100		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	97		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	107		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	128		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	114		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	102		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	128		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	129		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	111		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	108		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	143		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	76		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	95		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	100		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	93		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	120		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/12/25 23:24
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 06/12/25 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08,15 Batch: WG2078109-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/12/25 23:24
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 06/12/25 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08,15 Batch: WG2078109-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/12/25 23:24
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 06/12/25 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08,15 Batch: WG2078109-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	60		18-120

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/21/25 14:46
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/19/25 13:15
Cleanup Method: EPA 1633
Cleanup Date: 06/19/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 08 Batch: WG2080974-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/21/25 14:46
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/19/25 13:15
Cleanup Method: EPA 1633
Cleanup Date: 06/19/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 08 Batch: WG2080974-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/21/25 14:46
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/19/25 13:15
Cleanup Method: EPA 1633
Cleanup Date: 06/19/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 08 Batch: WG2080974-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	54		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	55		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	76		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	56		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	62		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	70		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	64		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	92		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	86		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	75		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	84		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	91		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	89		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	92		15-130

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/24/25 10:57
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 06/23/25 17:30
Cleanup Method: EPA 1633
Cleanup Date: 06/23/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 15 Batch: WG2082404-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	0.145	J	ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/24/25 10:57
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 06/23/25 17:30
Cleanup Method: EPA 1633
Cleanup Date: 06/23/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 15 Batch: WG2082404-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/24/25 10:57
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 06/23/25 17:30
Cleanup Method: EPA 1633
Cleanup Date: 06/23/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 15 Batch: WG2082404-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	86		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	81		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	91		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	88		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	77		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	73		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	79		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	75		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	74		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	78		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	60		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 23-24 Batch: WG2072873-2 WG2072873-3								
Acenaphthene	72		53		31-137	30		50
1,2,4-Trichlorobenzene	65		46		38-107	34		50
Hexachlorobenzene	72		50		40-140	36		50
Bis(2-chloroethyl)ether	69		54		40-140	24		50
2-Chloronaphthalene	60		47		40-140	24		50
1,2-Dichlorobenzene	69		51		40-140	30		50
1,3-Dichlorobenzene	69		53		40-140	26		50
1,4-Dichlorobenzene	68		49		28-104	32		50
3,3'-Dichlorobenzidine	69		52		40-140	28		50
2,4-Dinitrotoluene	76		58		40-132	27		50
2,6-Dinitrotoluene	62		48		40-140	25		50
Fluoranthene	68		50		40-140	31		50
4-Chlorophenyl phenyl ether	63		47		40-140	29		50
4-Bromophenyl phenyl ether	69		49		40-140	34		50
Bis(2-chloroisopropyl)ether	67		52		40-140	25		50
Bis(2-chloroethoxy)methane	69		50		40-117	32		50
Hexachlorobutadiene	53		**38**	Q	40-140	33		50
Hexachlorocyclopentadiene	57		42		40-140	30		50
Hexachloroethane	72		50		40-140	36		50
Isophorone	64		44		40-140	37		50
Naphthalene	67		50		40-140	29		50
Nitrobenzene	69		47		40-140	38		50
NDPA/DPA	75		52		36-157	36		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 23-24 Batch: WG2072873-2 WG2072873-3								
n-Nitrosodi-n-propylamine	64		46		32-121	33		50
Bis(2-ethylhexyl)phthalate	103		69		40-140	40		50
Butyl benzyl phthalate	87		68		40-140	25		50
Di-n-butylphthalate	83		62		40-140	29		50
Di-n-octylphthalate	104		73		40-140	35		50
Diethyl phthalate	73		54		40-140	30		50
Dimethyl phthalate	58		46		40-140	23		50
Benzo(a)anthracene	71		51		40-140	33		50
Benzo(a)pyrene	74		56		40-140	28		50
Benzo(b)fluoranthene	79		53		40-140	39		50
Benzo(k)fluoranthene	77		57		40-140	30		50
Chrysene	67		50		40-140	29		50
Acenaphthylene	63		51		40-140	21		50
Anthracene	71		54		40-140	27		50
Benzo(ghi)perylene	81		54		40-140	40		50
Fluorene	68		52		40-140	27		50
Phenanthrene	72		52		40-140	32		50
Dibenzo(a,h)anthracene	77		51		40-140	41		50
Indeno(1,2,3-cd)pyrene	78		50		40-140	44		50
Pyrene	62		50		35-142	21		50
Biphenyl	59		48		37-127	21		50
4-Chloroaniline	50		40		40-140	22		50
2-Nitroaniline	75		58		47-134	26		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 23-24 Batch: WG2072873-2 WG2072873-3								
3-Nitroaniline	64		53		26-129	19		50
4-Nitroaniline	77		59		41-125	26		50
Dibenzofuran	68		51		40-140	29		50
2-Methylnaphthalene	61		46		40-140	28		50
1,2,4,5-Tetrachlorobenzene	57		43		40-117	28		50
Acetophenone	69		55		14-144	23		50
2,4,6-Trichlorophenol	62		44		30-130	34		50
p-Chloro-m-cresol	64		50		26-103	25		50
2-Chlorophenol	80		61		25-102	27		50
2,4-Dichlorophenol	69		51		30-130	30		50
2,4-Dimethylphenol	75		56		30-130	29		50
2-Nitrophenol	87		62		30-130	34		50
4-Nitrophenol	76		58		11-114	27		50
2,4-Dinitrophenol	78		56		4-130	33		50
4,6-Dinitro-o-cresol	95		66		10-130	36		50
Pentachlorophenol	66		44		17-109	40		50
Phenol	68		53		26-90	25		50
2-Methylphenol	73		56		30-130.	26		50
3-Methylphenol/4-Methylphenol	81		56		30-130	36		50
2,4,5-Trichlorophenol	66		49		30-130	30		50
Benzoic Acid	27		21		10-110	25		50
Benzyl Alcohol	68		48		40-140	34		50
Carbazole	75		54		54-128	33		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 23-24 Batch: WG2072873-2 WG2072873-3								
1,4-Dioxane	60		48		40-140	22		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		58		25-120
Phenol-d6	78		58		10-120
Nitrobenzene-d5	72		50		23-120
2-Fluorobiphenyl	60		44		30-120
2,4,6-Tribromophenol	78		52		10-136
4-Terphenyl-d14	63		51		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28,31-33 Batch: WG2073247-2 WG2073247-3								
Acenaphthene	54		49		37-111	10		30
1,2,4-Trichlorobenzene	49		46		39-98	6		30
Hexachlorobenzene	57		52		40-140	9		30
Bis(2-chloroethyl)ether	58		54		40-140	7		30
2-Chloronaphthalene	55		51		40-140	8		30
1,2-Dichlorobenzene	49		46		40-140	6		30
1,3-Dichlorobenzene	49		46		40-140	6		30
1,4-Dichlorobenzene	45		43		36-97	5		30
3,3'-Dichlorobenzidine	50		49		40-140	2		30
2,4-Dinitrotoluene	56		51		48-143	9		30
2,6-Dinitrotoluene	60		57		40-140	5		30
Fluoranthene	60		57		40-140	5		30
4-Chlorophenyl phenyl ether	56		49		40-140	13		30
4-Bromophenyl phenyl ether	56		48		40-140	15		30
Bis(2-chloroisopropyl)ether	60		54		40-140	11		30
Bis(2-chloroethoxy)methane	57		50		40-140	13		30
Hexachlorobutadiene	45		44		40-140	2		30
Hexachlorocyclopentadiene	44		40		40-140	10		30
Hexachloroethane	45		46		40-140	2		30
Isophorone	55		50		40-140	10		30
Naphthalene	53		48		40-140	10		30
Nitrobenzene	56		53		40-140	6		30
NDPA/DPA	56		52		40-140	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28,31-33 Batch: WG2073247-2 WG2073247-3								
n-Nitrosodi-n-propylamine	56		52		29-132	7		30
Bis(2-ethylhexyl)phthalate	58		58		40-140	0		30
Butyl benzyl phthalate	61		57		40-140	7		30
Di-n-butylphthalate	56		54		40-140	4		30
Di-n-octylphthalate	61		60		40-140	2		30
Diethyl phthalate	54		48		40-140	12		30
Dimethyl phthalate	56		52		40-140	7		30
Benzo(a)anthracene	60		59		40-140	2		30
Benzo(a)pyrene	65		61		40-140	6		30
Benzo(b)fluoranthene	62		66		40-140	6		30
Benzo(k)fluoranthene	66		53		40-140	22		30
Chrysene	59		56		40-140	5		30
Acenaphthylene	58		51		45-123	13		30
Anthracene	59		55		40-140	7		30
Benzo(ghi)perylene	60		58		40-140	3		30
Fluorene	55		50		40-140	10		30
Phenanthrene	57		52		40-140	9		30
Dibenzo(a,h)anthracene	62		62		40-140	0		30
Indeno(1,2,3-cd)pyrene	58		57		40-140	2		30
Pyrene	60		56		26-127	7		30
Biphenyl	59		52		40-140	13		30
4-Chloroaniline	48		**39**	Q	40-140	21		30
2-Nitroaniline	65		58		52-143	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28,31-33 Batch: WG2073247-2 WG2073247-3								
3-Nitroaniline	55		48		25-145	14		30
4-Nitroaniline	55		**49**	Q	51-143	12		30
Dibenzofuran	54		50		40-140	8		30
2-Methylnaphthalene	54		50		40-140	8		30
1,2,4,5-Tetrachlorobenzene	56		49		2-134	13		30
Acetophenone	60		55		39-129	9		30
2,4,6-Trichlorophenol	61		55		30-130	10		30
p-Chloro-m-cresol	63		56		23-97	12		30
2-Chlorophenol	58		51		27-123	13		30
2,4-Dichlorophenol	62		56		30-130	10		30
2,4-Dimethylphenol	54		39		30-130	**32**	Q	30
2-Nitrophenol	62		56		30-130	10		30
4-Nitrophenol	44		42		10-80	5		30
2,4-Dinitrophenol	46		41		20-130	11		30
4,6-Dinitro-o-cresol	58		52		20-164	11		30
Pentachlorophenol	64		61		9-103	5		30
Phenol	30		27		12-110	11		30
2-Methylphenol	56		49		30-130	13		30
3-Methylphenol/4-Methylphenol	53		45		30-130	16		30
2,4,5-Trichlorophenol	68		63		30-130	8		30
Benzoic Acid	45		38		10-164	17		30
Benzyl Alcohol	57		50		26-116	13		30
Carbazole	60		56		55-144	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28,31-33 Batch: WG2073247-2 WG2073247-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	42		38		21-120
Phenol-d6	32		28		10-120
Nitrobenzene-d5	57		53		23-120
2-Fluorobiphenyl	53		47		15-120
2,4,6-Tribromophenol	57		55		10-120
4-Terphenyl-d14	57		54		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 26-28,31-33 Batch: WG2073248-2 WG2073248-3								
Acenaphthene	60		54		40-140	11		40
2-Chloronaphthalene	62		56		40-140	10		40
Fluoranthene	70		65		40-140	7		40
Hexachlorobutadiene	45		43		40-140	5		40
Naphthalene	56		50		40-140	11		40
Benzo(a)anthracene	65		61		40-140	6		40
Benzo(a)pyrene	77		72		40-140	7		40
Benzo(b)fluoranthene	70		64		40-140	9		40
Benzo(k)fluoranthene	75		72		40-140	4		40
Chrysene	68		62		40-140	9		40
Acenaphthylene	72		65		40-140	10		40
Anthracene	67		62		40-140	8		40
Benzo(ghi)perylene	82		78		40-140	5		40
Fluorene	65		59		40-140	10		40
Phenanthrene	64		58		40-140	10		40
Dibenzo(a,h)anthracene	84		79		40-140	6		40
Indeno(1,2,3-cd)pyrene	83		77		40-140	8		40
Pyrene	69		64		40-140	8		40
2-Methylnaphthalene	60		54		40-140	11		40
Pentachlorophenol	69		62		40-140	11		40
Hexachlorobenzene	60		55		40-140	9		40
Hexachloroethane	51		48		40-140	6		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab	Associated sample(s):	26-28,31-33	Batch:	WG2073248-2	WG2073248-3			

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	47		41		21-120
Phenol-d6	38		33		10-120
Nitrobenzene-d5	66		58		23-120
2-Fluorobiphenyl	61		56		15-120
2,4,6-Tribromophenol	65		59		10-120
4-Terphenyl-d14	65		61		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10,14,21-22 Batch: WG2073264-2 WG2073264-3								
Acenaphthene	61		78		31-137	24		50
1,2,4-Trichlorobenzene	58		70		38-107	19		50
Hexachlorobenzene	57		74		40-140	26		50
Bis(2-chloroethyl)ether	71		91		40-140	25		50
2-Chloronaphthalene	60		75		40-140	22		50
1,2-Dichlorobenzene	58		72		40-140	22		50
1,3-Dichlorobenzene	54		70		40-140	26		50
1,4-Dichlorobenzene	57		70		28-104	20		50
3,3'-Dichlorobenzidine	57		70		40-140	20		50
2,4-Dinitrotoluene	69		85		40-132	21		50
2,6-Dinitrotoluene	68		87		40-140	25		50
Fluoranthene	66		84		40-140	24		50
4-Chlorophenyl phenyl ether	61		77		40-140	23		50
4-Bromophenyl phenyl ether	57		74		40-140	26		50
Bis(2-chloroisopropyl)ether	74		95		40-140	25		50
Bis(2-chloroethoxy)methane	82		105		40-117	25		50
Hexachlorobutadiene	46		59		40-140	25		50
Hexachlorocyclopentadiene	66		82		40-140	22		50
Hexachloroethane	65		78		40-140	18		50
Isophorone	77		100		40-140	26		50
Naphthalene	59		74		40-140	23		50
Nitrobenzene	74		92		40-140	22		50
NDPA/DPA	67		83		36-157	21		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10,14,21-22 Batch: WG2073264-2 WG2073264-3								
n-Nitrosodi-n-propylamine	82		100		32-121	20		50
Bis(2-ethylhexyl)phthalate	84		102		40-140	19		50
Butyl benzyl phthalate	84		106		40-140	23		50
Di-n-butylphthalate	76		98		40-140	25		50
Di-n-octylphthalate	86		105		40-140	20		50
Diethyl phthalate	70		89		40-140	24		50
Dimethyl phthalate	64		80		40-140	22		50
Benzo(a)anthracene	62		77		40-140	22		50
Benzo(a)pyrene	68		78		40-140	14		50
Benzo(b)fluoranthene	66		80		40-140	19		50
Benzo(k)fluoranthene	64		77		40-140	18		50
Chrysene	59		77		40-140	26		50
Acenaphthylene	70		89		40-140	24		50
Anthracene	64		80		40-140	22		50
Benzo(ghi)perylene	58		80		40-140	32		50
Fluorene	66		83		40-140	23		50
Phenanthrene	63		79		40-140	23		50
Dibenzo(a,h)anthracene	54		74		40-140	31		50
Indeno(1,2,3-cd)pyrene	56		76		40-140	30		50
Pyrene	66		81		35-142	20		50
Biphenyl	63		80		37-127	24		50
4-Chloroaniline	62		80		40-140	25		50
2-Nitroaniline	80		101		47-134	23		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10,14,21-22 Batch: WG2073264-2 WG2073264-3								
3-Nitroaniline	65		76		26-129	16		50
4-Nitroaniline	75		97		41-125	26		50
Dibenzofuran	63		77		40-140	20		50
2-Methylnaphthalene	56		72		40-140	25		50
1,2,4,5-Tetrachlorobenzene	56		72		40-117	25		50
Acetophenone	77		97		14-144	23		50
2,4,6-Trichlorophenol	60		77		30-130	25		50
p-Chloro-m-cresol	74		94		26-103	24		50
2-Chlorophenol	67		88		25-102	27		50
2,4-Dichlorophenol	71		90		30-130	24		50
2,4-Dimethylphenol	84		112		30-130	29		50
2-Nitrophenol	72		93		30-130	25		50
4-Nitrophenol	101		**127**	Q	11-114	23		50
2,4-Dinitrophenol	61		75		4-130	21		50
4,6-Dinitro-o-cresol	57		72		10-130	23		50
Pentachlorophenol	58		74		17-109	24		50
Phenol	71		**93**	Q	26-90	27		50
2-Methylphenol	79		103		30-130.	26		50
3-Methylphenol/4-Methylphenol	82		103		30-130	23		50
2,4,5-Trichlorophenol	67		85		30-130	24		50
Benzoic Acid	26		44		10-110	**51**	Q	50
Benzyl Alcohol	82		105		40-140	25		50
Carbazole	68		86		54-128	23		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10,14,21-22 Batch: WG2073264-2 WG2073264-3								
1,4-Dioxane	54		60		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		89		25-120
Phenol-d6	81		103		10-120
Nitrobenzene-d5	78		94		23-120
2-Fluorobiphenyl	59		71		30-120
2,4,6-Tribromophenol	64		80		10-136
4-Terphenyl-d14	64		79		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13,17-20 Batch: WG2073333-2 WG2073333-3								
Acenaphthene	71		75		37-111	5		30
1,2,4-Trichlorobenzene	46		60		39-98	26		30
Hexachlorobenzene	78		81		40-140	4		30
Bis(2-chloroethyl)ether	73		75		40-140	3		30
2-Chloronaphthalene	67		72		40-140	7		30
1,2-Dichlorobenzene	46		59		40-140	25		30
1,3-Dichlorobenzene	43		58		40-140	30		30
1,4-Dichlorobenzene	43		57		36-97	28		30
3,3'-Dichlorobenzidine	62		64		40-140	3		30
2,4-Dinitrotoluene	77		80		48-143	4		30
2,6-Dinitrotoluene	77		78		40-140	1		30
Fluoranthene	84		86		40-140	2		30
4-Chlorophenyl phenyl ether	74		78		40-140	5		30
4-Bromophenyl phenyl ether	75		79		40-140	5		30
Bis(2-chloroisopropyl)ether	74		79		40-140	7		30
Bis(2-chloroethoxy)methane	72		74		40-140	3		30
Hexachlorobutadiene	**36**	Q	55		40-140	**42**	Q	30
Hexachlorocyclopentadiene	**37**	Q	49		40-140	28		30
Hexachloroethane	**37**	Q	52		40-140	**34**	Q	30
Isophorone	70		70		40-140	0		30
Naphthalene	60		68		40-140	13		30
Nitrobenzene	71		71		40-140	0		30
NDPA/DPA	75		79		40-140	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13,17-20 Batch: WG2073333-2 WG2073333-3								
n-Nitrosodi-n-propylamine	72		72		29-132	0		30
Bis(2-ethylhexyl)phthalate	88		88		40-140	0		30
Butyl benzyl phthalate	87		88		40-140	1		30
Di-n-butylphthalate	82		85		40-140	4		30
Di-n-octylphthalate	93		93		40-140	0		30
Diethyl phthalate	74		78		40-140	5		30
Dimethyl phthalate	74		74		40-140	0		30
Benzo(a)anthracene	84		86		40-140	2		30
Benzo(a)pyrene	92		93		40-140	1		30
Benzo(b)fluoranthene	93		94		40-140	1		30
Benzo(k)fluoranthene	89		90		40-140	1		30
Chrysene	86		89		40-140	3		30
Acenaphthylene	72		74		45-123	3		30
Anthracene	83		87		40-140	5		30
Benzo(ghi)perylene	86		89		40-140	3		30
Fluorene	75		78		40-140	4		30
Phenanthrene	80		82		40-140	2		30
Dibenzo(a,h)anthracene	88		92		40-140	4		30
Indeno(1,2,3-cd)pyrene	86		88		40-140	2		30
Pyrene	85		88		26-127	3		30
Biphenyl	70		77		40-140	10		30
4-Chloroaniline	**34**	Q	**27**	Q	40-140	23		30
2-Nitroaniline	82		82		52-143	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13,17-20 Batch: WG2073333-2 WG2073333-3								
3-Nitroaniline	69		71		25-145	3		30
4-Nitroaniline	75		78		51-143	4		30
Dibenzofuran	73		77		40-140	5		30
2-Methylnaphthalene	64		69		40-140	8		30
1,2,4,5-Tetrachlorobenzene	62		71		2-134	14		30
Acetophenone	75		77		39-129	3		30
2,4,6-Trichlorophenol	80		81		30-130	1		30
p-Chloro-m-cresol	82		84		23-97	2		30
2-Chlorophenol	72		73		27-123	1		30
2,4-Dichlorophenol	77		78		30-130	1		30
2,4-Dimethylphenol	50		54		30-130	8		30
2-Nitrophenol	79		79		30-130	0		30
4-Nitrophenol	61		69		10-80	12		30
2,4-Dinitrophenol	62		64		20-130	3		30
4,6-Dinitro-o-cresol	78		84		20-164	7		30
Pentachlorophenol	87		90		9-103	3		30
Phenol	41		42		12-110	2		30
2-Methylphenol	70		71		30-130	1		30
3-Methylphenol/4-Methylphenol	67		67		30-130	0		30
2,4,5-Trichlorophenol	86		90		30-130	5		30
Benzoic Acid	63		62		10-164	2		30
Benzyl Alcohol	72		74		26-116	3		30
Carbazole	83		87		55-144	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13,17-20 Batch: WG2073333-2 WG2073333-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		57		21-120
Phenol-d6	42		43		10-120
Nitrobenzene-d5	68		70		23-120
2-Fluorobiphenyl	56		60		15-120
2,4,6-Tribromophenol	76		83		10-120
4-Terphenyl-d14	83		84		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 13,17-20 Batch: WG2073334-2 WG2073334-3								
Acenaphthene	73		75		40-140	3		40
2-Chloronaphthalene	70		72		40-140	3		40
Fluoranthene	84		86		40-140	2		40
Hexachlorobutadiene	**35**	Q	50		40-140	35		40
Naphthalene	58		63		40-140	8		40
Benzo(a)anthracene	81		83		40-140	2		40
Benzo(a)pyrene	94		95		40-140	1		40
Benzo(b)fluoranthene	84		86		40-140	2		40
Benzo(k)fluoranthene	96		97		40-140	1		40
Chrysene	85		86		40-140	1		40
Acenaphthylene	84		85		40-140	1		40
Anthracene	86		86		40-140	0		40
Benzo(ghi)perylene	108		109		40-140	1		40
Fluorene	80		82		40-140	2		40
Phenanthrene	81		82		40-140	1		40
Dibenzo(a,h)anthracene	107		110		40-140	3		40
Indeno(1,2,3-cd)pyrene	101		104		40-140	3		40
Pyrene	82		84		40-140	2		40
2-Methylnaphthalene	64		69		40-140	8		40
Pentachlorophenol	81		80		40-140	1		40
Hexachlorobenzene	78		77		40-140	1		40
Hexachloroethane	**38**	Q	55		40-140	37		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 13,17-20 Batch: WG2073334-2 WG2073334-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	57		57		21-120
Phenol-d6	48		47		10-120
Nitrobenzene-d5	75		75		23-120
2-Fluorobiphenyl	61		65		15-120
2,4,6-Tribromophenol	74		77		10-120
4-Terphenyl-d14	78		79		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29 Batch: WG2073421-2 WG2073421-3								
Acenaphthene	60		64		31-137	6		50
1,2,4-Trichlorobenzene	68		73		38-107	7		50
Hexachlorobenzene	66		69		40-140	4		50
Bis(2-chloroethyl)ether	58		63		40-140	8		50
2-Chloronaphthalene	69		73		40-140	6		50
1,2-Dichlorobenzene	58		60		40-140	3		50
1,3-Dichlorobenzene	57		59		40-140	3		50
1,4-Dichlorobenzene	57		60		28-104	5		50
3,3'-Dichlorobenzidine	59		67		40-140	13		50
2,4-Dinitrotoluene	70		75		40-132	7		50
2,6-Dinitrotoluene	78		84		40-140	7		50
Fluoranthene	62		68		40-140	9		50
4-Chlorophenyl phenyl ether	72		78		40-140	8		50
4-Bromophenyl phenyl ether	76		77		40-140	1		50
Bis(2-chloroisopropyl)ether	55		60		40-140	9		50
Bis(2-chloroethoxy)methane	61		66		40-117	8		50
Hexachlorobutadiene	80		86		40-140	7		50
Hexachlorocyclopentadiene	105		116		40-140	10		50
Hexachloroethane	61		64		40-140	5		50
Isophorone	60		64		40-140	6		50
Naphthalene	66		70		40-140	6		50
Nitrobenzene	59		64		40-140	8		50
NDPA/DPA	66		67		36-157	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29 Batch: WG2073421-2 WG2073421-3								
n-Nitrosodi-n-propylamine	56		62		32-121	10		50
Bis(2-ethylhexyl)phthalate	58		61		40-140	5		50
Butyl benzyl phthalate	63		66		40-140	5		50
Di-n-butylphthalate	61		64		40-140	5		50
Di-n-octylphthalate	64		67		40-140	5		50
Diethyl phthalate	63		66		40-140	5		50
Dimethyl phthalate	74		77		40-140	4		50
Benzo(a)anthracene	67		72		40-140	7		50
Benzo(a)pyrene	78		85		40-140	9		50
Benzo(b)fluoranthene	73		78		40-140	7		50
Benzo(k)fluoranthene	74		83		40-140	11		50
Chrysene	66		69		40-140	4		50
Acenaphthylene	75		80		40-140	6		50
Anthracene	62		68		40-140	9		50
Benzo(ghi)perylene	69		75		40-140	8		50
Fluorene	67		69		40-140	3		50
Phenanthrene	61		65		40-140	6		50
Dibenzo(a,h)anthracene	65		72		40-140	10		50
Indeno(1,2,3-cd)pyrene	66		72		40-140	9		50
Pyrene	63		69		35-142	9		50
Biphenyl	68		73		37-127	7		50
4-Chloroaniline	57		53		40-140	7		50
2-Nitroaniline	68		75		47-134	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29 Batch: WG2073421-2 WG2073421-3								
3-Nitroaniline	42		49		26-129	15		50
4-Nitroaniline	58		64		41-125	10		50
Dibenzofuran	65		71		40-140	9		50
2-Methylnaphthalene	63		66		40-140	5		50
1,2,4,5-Tetrachlorobenzene	85		92		40-117	8		50
Acetophenone	62		67		14-144	8		50
2,4,6-Trichlorophenol	89		93		30-130	4		50
p-Chloro-m-cresol	75		79		26-103	5		50
2-Chlorophenol	63		64		25-102	2		50
2,4-Dichlorophenol	65		70		30-130	7		50
2,4-Dimethylphenol	68		74		30-130	8		50
2-Nitrophenol	68		73		30-130	7		50
4-Nitrophenol	72		72		11-114	0		50
2,4-Dinitrophenol	61		64		4-130	5		50
4,6-Dinitro-o-cresol	70		73		10-130	4		50
Pentachlorophenol	64		65		17-109	2		50
Phenol	65		65		26-90	0		50
2-Methylphenol	63		67		30-130.	6		50
3-Methylphenol/4-Methylphenol	62		66		30-130	6		50
2,4,5-Trichlorophenol	87		92		30-130	6		50
Benzoic Acid	46		47		10-110	2		50
Benzyl Alcohol	62		67		40-140	8		50
Carbazole	61		66		54-128	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29 Batch: WG2073421-2 WG2073421-3								
1,4-Dioxane	58		65		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		64		25-120
Phenol-d6	62		66		10-120
Nitrobenzene-d5	59		63		23-120
2-Fluorobiphenyl	76		79		30-120
2,4,6-Tribromophenol	67		72		10-136
4-Terphenyl-d14	61		66		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 Batch: WG2075441-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	102		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	106		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	94		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	101		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	96		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	100		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	104		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	100		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	100		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	100		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	101		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	98		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	98		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	89		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	91		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	76		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	92		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	100		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	80		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	87		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	101		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 Batch: WG2075441-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	98		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	103		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	88		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	99		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	112		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	74		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	101		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	95		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	92		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	90		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	92		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	96		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	90		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	103		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	102		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	80		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	104		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	91		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	81		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 Batch: WG2075441-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	113				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	102				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	105				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	99				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	109				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	102				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	101				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	79				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	89				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	81				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	85				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	84				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	65				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	69				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	69				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 Batch: WG2075441-3								
Perfluorobutanoic Acid (PFBA)	95		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	100		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	90		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	107		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	95		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	92		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	96		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	91		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	91		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	93		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	90		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	102		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	90		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	93		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	93		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	77		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	97		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	96		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	75		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	80		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	94		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 Batch: WG2075441-3								
Perfluorododecanoic Acid (PFDoA)	99		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	106		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	90		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	95		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	108		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	72		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	94		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	93		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	86		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	88		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	90		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	96		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	88		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	96		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	99		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	87		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	100		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	82		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	82		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 Batch: WG2075441-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	83				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	92				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	89				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	68				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	88				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	71				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	80				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	64				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	69				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,04,07,10,14,21-24,29 Batch: WG2077073-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	107		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	116		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	99		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	126		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	127		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	112		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	141		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	102		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	102		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	121		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	100		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	127		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	98		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	98		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	127		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	98		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	105		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	98		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	88		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	95		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	124		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,04,07,10,14,21-24,29 Batch: WG2077073-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	121		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	115		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	113		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	112		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	**162**	Q	-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	94		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	135		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	124		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	108		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	105		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	111		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	112		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	98		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	91		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	133		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	132		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	116		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	**139**	Q	-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	117		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,04,07,10,14,21-24,29 Batch: WG2077073-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	111				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	113				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	121				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	151				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	105				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	118				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	149				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	126				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	113				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	126				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	152				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	130				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	121				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	99				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	129				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	76				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	84				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	105				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	103				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	89				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	119				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,04,07,10,14,21-24,29 Batch: WG2077073-3								
Perfluorobutanoic Acid (PFBA)	108		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	110		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	106		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	120		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	101		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	109		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	106		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	99		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	112		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	123		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	92		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	137		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	102		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	119		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	123		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	95		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	105		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	99		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	93		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	93		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	109		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,04,07,10,14,21-24,29 Batch: WG2077073-3								
Perfluorododecanoic Acid (PFDoA)	110		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	103		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	132		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	98		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	131		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	96		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	134		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	127		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	104		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	106		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	113		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	111		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	96		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	88		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	103		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	106		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	101		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	117		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	111		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,04,07,10,14,21-24,29 Batch: WG2077073-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	71				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	71				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	108				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	94				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	100				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	60				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	71				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	71				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	66				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	88				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08,15 Batch: WG2078109-2 WG2078109-3								
Acenaphthene	65		73		31-137	12		50
1,2,4-Trichlorobenzene	55		65		38-107	17		50
Hexachlorobenzene	63		70		40-140	11		50
Bis(2-chloroethyl)ether	57		69		40-140	19		50
2-Chloronaphthalene	58		67		40-140	14		50
1,2-Dichlorobenzene	59		70		40-140	17		50
1,3-Dichlorobenzene	59		70		40-140	17		50
1,4-Dichlorobenzene	58		68		28-104	16		50
3,3'-Dichlorobenzidine	55		61		40-140	10		50
2,4-Dinitrotoluene	73		81		40-132	10		50
2,6-Dinitrotoluene	62		74		40-140	18		50
Fluoranthene	65		75		40-140	14		50
4-Chlorophenyl phenyl ether	60		68		40-140	13		50
4-Bromophenyl phenyl ether	60		68		40-140	13		50
Bis(2-chloroisopropyl)ether	53		63		40-140	17		50
Bis(2-chloroethoxy)methane	59		69		40-117	16		50
Hexachlorobutadiene	48		55		40-140	14		50
Hexachlorocyclopentadiene	66		75		40-140	13		50
Hexachloroethane	59		72		40-140	20		50
Isophorone	53		64		40-140	19		50
Naphthalene	61		70		40-140	14		50
Nitrobenzene	55		64		40-140	15		50
NDPA/DPA	66		74		36-157	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08,15 Batch: WG2078109-2 WG2078109-3								
n-Nitrosodi-n-propylamine	54		64		32-121	17		50
Bis(2-ethylhexyl)phthalate	87		99		40-140	13		50
Butyl benzyl phthalate	89		102		40-140	14		50
Di-n-butylphthalate	77		89		40-140	14		50
Di-n-octylphthalate	91		106		40-140	15		50
Diethyl phthalate	68		74		40-140	8		50
Dimethyl phthalate	56		65		40-140	15		50
Benzo(a)anthracene	65		74		40-140	13		50
Benzo(a)pyrene	73		83		40-140	13		50
Benzo(b)fluoranthene	67		77		40-140	14		50
Benzo(k)fluoranthene	73		84		40-140	14		50
Chrysene	64		73		40-140	13		50
Acenaphthylene	65		73		40-140	12		50
Anthracene	68		78		40-140	14		50
Benzo(ghi)perylene	72		82		40-140	13		50
Fluorene	64		73		40-140	13		50
Phenanthrene	66		76		40-140	14		50
Dibenzo(a,h)anthracene	69		77		40-140	11		50
Indeno(1,2,3-cd)pyrene	68		80		40-140	16		50
Pyrene	65		76		35-142	16		50
Biphenyl	60		69		37-127	14		50
4-Chloroaniline	46		54		40-140	16		50
2-Nitroaniline	69		84		47-134	20		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08,15 Batch: WG2078109-2 WG2078109-3								
3-Nitroaniline	54		56		26-129	4		50
4-Nitroaniline	68		77		41-125	12		50
Dibenzofuran	64		72		40-140	12		50
2-Methylnaphthalene	57		66		40-140	15		50
1,2,4,5-Tetrachlorobenzene	54		61		40-117	12		50
Acetophenone	61		72		14-144	17		50
2,4,6-Trichlorophenol	58		67		30-130	14		50
p-Chloro-m-cresol	63		72		26-103	13		50
2-Chlorophenol	68		82		25-102	19		50
2,4-Dichlorophenol	62		75		30-130	19		50
2,4-Dimethylphenol	68		80		30-130	16		50
2-Nitrophenol	72		88		30-130	20		50
4-Nitrophenol	71		79		11-114	11		50
2,4-Dinitrophenol	92		99		4-130	7		50
4,6-Dinitro-o-cresol	86		99		10-130	14		50
Pentachlorophenol	69		73		17-109	6		50
Phenol	57		69		26-90	19		50
2-Methylphenol	64		78		30-130.	20		50
3-Methylphenol/4-Methylphenol	64		78		30-130	20		50
2,4,5-Trichlorophenol	60		70		30-130	15		50
Benzoic Acid	83		100		10-110	19		50
Benzyl Alcohol	56		66		40-140	16		50
Carbazole	69		81		54-128	16		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08,15 Batch: WG2078109-2 WG2078109-3								
1,4-Dioxane	50		54		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		81		25-120
Phenol-d6	63		76		10-120
Nitrobenzene-d5	57		66		23-120
2-Fluorobiphenyl	55		64		30-120
2,4,6-Tribromophenol	67		75		10-136
4-Terphenyl-d14	68		78		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 08 Batch: WG2080974-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	118		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	110		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	109		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	92		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	101		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	117		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	98		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	128		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	106		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	102		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	100		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	115		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	114		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	95		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	119		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	92		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	80		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	106		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	86		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	101		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	100		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 08 Batch: WG2080974-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	106		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	100		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	125		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	122		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	118		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	84		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	93		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	99		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	92		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	103		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	99		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	103		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	102		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	98		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	90		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	126		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	90		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	94		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	120		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 08 Batch: WG2080974-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	95				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	68				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	96				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	111				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	95				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	99				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	85				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	91				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	79				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	84				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	96				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	99				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	89				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	100				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 08 Batch: WG2080974-3								
Perfluorobutanoic Acid (PFBA)	123		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	131		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	115		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	105		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	118		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	118		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	112		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	106		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	131		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	107		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	112		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	109		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	103		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	97		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	115		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	104		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	126		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	104		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	103		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	105		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	119		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 08 Batch: WG2080974-3								
Perfluorododecanoic Acid (PFDoA)	103		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	117		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	113		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	129		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	128		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	101		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	117		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	120		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	108		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	100		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	110		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	108		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	113		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	120		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	111		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	154		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	101		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	102		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	108		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 08 Batch: WG2080974-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	94				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	109				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	119				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	72				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	106				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	88				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	74				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	108				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	89				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	97				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	89				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	98				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	93				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	101				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 15 Batch: WG2082404-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	139		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	117		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	124		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	102		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	138		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	140		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	117		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	126		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	116		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	104		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	117		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	111		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	107		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	111		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	118		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	96		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	114		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	105		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	96		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	108		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	115		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 15 Batch: WG2082404-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	105		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	84		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	103		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	129		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	134		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	94		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	119		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	119		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	104		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	102		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	100		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	107		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	122		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	103		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	135		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	134		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	107		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	109		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	128		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 15 Batch: WG2082404-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	61				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	77				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	81				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	56				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	61				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	72				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	72				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	68				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	56				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	77				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	81				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	62				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 15 Batch: WG2082404-3								
Perfluorobutanoic Acid (PFBA)	138		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	123		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	111		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	105		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	122		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	130		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	118		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	120		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	123		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	102		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	138		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	102		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	101		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	105		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	125		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	102		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	119		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	125		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	99		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	111		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	108		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 15 Batch: WG2082404-3								
Perfluorododecanoic Acid (PFDoA)	112		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	100		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	104		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	116		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	131		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	92		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	122		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	121		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	115		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	109		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	119		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	111		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	126		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	114		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	126		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	126		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	118		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	109		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	108		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 15 Batch: WG2082404-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	95				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	92				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	90				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	95				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	112				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	94				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	102				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	77				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	83				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	81				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	84				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	93				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	76				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	82				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	60				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	65				15-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28,31-33 QC Batch ID: WG2073247-4 WG2073247-5 QC Sample: L2533649-26 Client ID: SW-08-0-0.5												
1,2,4-Trichlorobenzene	ND	20	13	65		14	70		39-98	7		30
Bis(2-chloroethyl)ether	ND	20	14	70		14	70		40-140	0		30
1,2-Dichlorobenzene	ND	20	12	60		13	65		40-140	8		30
1,3-Dichlorobenzene	ND	20	12	60		12	60		40-140	0		30
1,4-Dichlorobenzene	ND	20	12	60		12	60		36-97	0		30
3,3'-Dichlorobenzidine	ND	20	8.4	42		9.1	46		40-140	8		30
2,4-Dinitrotoluene	ND	20	14	70		15	75		48-143	7		30
2,6-Dinitrotoluene	ND	20	15	75		16	80		40-140	6		30
4-Chlorophenyl phenyl ether	ND	20	15	75		16	80		40-140	6		30
4-Bromophenyl phenyl ether	ND	20	15	75		17	85		40-140	13		30
Bis(2-chloroisopropyl)ether	ND	20	13	65		14	70		40-140	7		30
Bis(2-chloroethoxy)methane	ND	20	14	70		14	70		40-140	0		30
Hexachlorocyclopentadiene	ND	20	12.J	60		12.J	60		40-140	0		30
Isophorone	ND	20	13	65		13	65		40-140	0		30
Nitrobenzene	ND	20	14	70		13	65		40-140	7		30
NDPA/DPA	ND	20	14	70		15	75		40-140	7		30
n-Nitrosodi-n-propylamine	ND	20	15	75		15	75		29-132	0		30
Bis(2-ethylhexyl)phthalate	ND	20	14	70		15	75		40-140	7		30
Butyl benzyl phthalate	ND	20	14	70		15	75		40-140	7		30
Di-n-butylphthalate	ND	20	14	70		14	70		40-140	0		30
Di-n-octylphthalate	ND	20	14	70		15	75		40-140	7		30
Diethyl phthalate	ND	20	14	70		15	75		40-140	7		30
Dimethyl phthalate	ND	20	15	75		16	80		40-140	6		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28,31-33 QC Batch ID: WG2073247-4 WG2073247-5 QC Sample: L2533649-26 Client ID: SW-08-0-0.5												
Biphenyl	ND	20	16	80		16	80		40-140	0		30
4-Chloroaniline	ND	20	8.9	45		9.4	47		40-140	5		30
2-Nitroaniline	ND	20	15	75		16	80		52-143	6		30
3-Nitroaniline	ND	20	14	70		14	70		25-145	0		30
4-Nitroaniline	ND	20	14	70		17	85		51-143	19		30
Dibenzofuran	ND	20	14	70		15	75		40-140	7		30
1,2,4,5-Tetrachlorobenzene	ND	20	16	80		16	80		2-134	0		30
Acetophenone	ND	20	16	80		15	75		39-129	6		30
2,4,6-Trichlorophenol	ND	20	16	80		17	85		30-130	6		30
p-Chloro-m-cresol	ND	20	15	75		16	80		23-97	6		30
2-Chlorophenol	ND	20	13	65		14	70		27-123	7		30
2,4-Dichlorophenol	ND	20	16	80		16	80		30-130	0		30
2,4-Dimethylphenol	ND	20	9.3	47		9.8	49		30-130	5		30
2-Nitrophenol	ND	20	14	70		15	75		30-130	7		30
4-Nitrophenol	ND	20	8.6J	43		14	70		10-80	**48**	Q	30
2,4-Dinitrophenol	ND	20	12.J	60		11.J	55		20-130	9		30
4,6-Dinitro-o-cresol	ND	20	11	55		13	65		20-164	17		30
Phenol	ND	20	7.2	36		7.0	35		12-110	3		30
2-Methylphenol	ND	20	12	60		13	65		30-130	8		30
3-Methylphenol/4-Methylphenol	ND	20	12	60		12	60		30-130	0		30
2,4,5-Trichlorophenol	ND	20	18	90		18	90		30-130	0		30
Benzoic Acid	ND	20	18.J	90		16.J	80		10-164	12		30
Benzyl Alcohol	ND	20	13	65		13	65		26-116	0		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28,31-33 QC Batch ID: WG2073247-4 WG2073247-5 QC Sample: L2533649-26 Client ID: SW-08-0-0.5												
Carbazole	ND	20	15	75		15	75		55-144	0		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	81		94		10-120
2-Fluorobiphenyl	64		69		15-120
2-Fluorophenol	41		44		21-120
4-Terphenyl-d14	67		72		41-149
Nitrobenzene-d5	65		67		23-120
Phenol-d6	31		34		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 26-28,31-33 QC Batch ID: WG2073248-4 WG2073248-5 QC Sample: L2533649-26 Client ID: SW-08-0-0.5												
Acenaphthene	ND	20	15	75		16	80		40-140	6		40
2-Chloronaphthalene	ND	20	16	80		17	85		40-140	6		40
Fluoranthene	ND	20	15	75		16	80		40-140	6		40
Hexachlorobutadiene	ND	20	15	75		15	75		40-140	0		40
Naphthalene	ND	20	14	70		14	70		40-140	0		40
Benzo(a)anthracene	ND	20	17	85		18	90		40-140	6		40
Benzo(a)pyrene	ND	20	18	90		20	100		40-140	11		40
Benzo(b)fluoranthene	ND	20	18	90		18	90		40-140	0		40
Benzo(k)fluoranthene	ND	20	17	85		18	90		40-140	6		40
Chrysene	ND	20	16	80		17	85		40-140	6		40
Acenaphthylene	ND	20	17	85		18	90		40-140	6		40
Anthracene	ND	20	16	80		17	85		40-140	6		40
Benzo(ghi)perylene	ND	20	18	90		19	95		40-140	5		40
Fluorene	ND	20	16	80		18	90		40-140	12		40
Phenanthrene	ND	20	16	80		17	85		40-140	6		40
Dibenzo(a,h)anthracene	ND	20	18	90		19	95		40-140	5		40
Indeno(1,2,3-cd)pyrene	ND	20	18	90		19	95		40-140	5		40
Pyrene	ND	20	15	75		16	80		40-140	6		40
2-Methylnaphthalene	ND	20	13	65		14	70		40-140	7		40
Pentachlorophenol	ND	20	23	120		23	120		40-140	0		40
Hexachlorobenzene	ND	20	18	90		19	95		40-140	5		40
Hexachloroethane	ND	20	14	70		14	70		40-140	0		40

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 26-28,31-33 QC Batch ID: WG2073248-4 WG2073248-5 QC Sample: L2533649-26 Client ID: SW-08-0-0.5

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	103		111		10-120
2-Fluorobiphenyl	70		74		15-120
2-Fluorophenol	52		57		21-120
4-Terphenyl-d14	69		74		41-149
Nitrobenzene-d5	82		88		23-120
Phenol-d6	38		43		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29 QC Batch ID: WG2073421-4 WG2073421-5 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												
Acenaphthene	ND	2560	1400	55		1300	51		31-137	7		50
1,2,4-Trichlorobenzene	ND	2560	1600	62		1700	67		38-107	6		50
Hexachlorobenzene	ND	2560	1500	59		1400	55		40-140	7		50
Bis(2-chloroethyl)ether	ND	2560	1600	62		1700	67		40-140	6		50
2-Chloronaphthalene	ND	2560	1600	62		1600	63		40-140	0		50
1,2-Dichlorobenzene	ND	2560	1400	55		1600	63		40-140	13		50
1,3-Dichlorobenzene	ND	2560	1400	55		1500	59		40-140	7		50
1,4-Dichlorobenzene	ND	2560	1400	55		1500	59		28-104	7		50
3,3'-Dichlorobenzidine	ND	2560	1100	43		890	**35**	Q	40-140	21		50
2,4-Dinitrotoluene	ND	2560	1000	**39**	Q	1100	43		40-132	10		50
2,6-Dinitrotoluene	ND	2560	1200	47		1300	51		40-140	8		50
Fluoranthene	ND	2560	1400	55		1400	55		40-140	0		50
4-Chlorophenyl phenyl ether	ND	2560	1600	62		1600	63		40-140	0		50
4-Bromophenyl phenyl ether	ND	2560	1700	66		1600	63		40-140	6		50
Bis(2-chloroisopropyl)ether	ND	2560	1400	55		1600	63		40-140	13		50
Bis(2-chloroethoxy)methane	ND	2560	1600	62		1700	67		40-117	6		50
Hexachlorobutadiene	ND	2560	1800	70		2000	79		40-140	11		50
Hexachlorocyclopentadiene	ND	2560	350J	**14**	Q	310J	**12**	Q	40-140	12		50
Hexachloroethane	ND	2560	1000	**39**	Q	1100	43		40-140	10		50
Isophorone	ND	2560	1600	62		1700	67		40-140	6		50
Naphthalene	ND	2560	1500	59		1600	63		40-140	6		50
Nitrobenzene	ND	2560	1500	59		1600	63		40-140	6		50
NDPA/DPA	ND	2560	1500	59		1500	59		36-157	0		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29 QC Batch ID: WG2073421-4 WG2073421-5 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												
n-Nitrosodi-n-propylamine	ND	2560	1500	59		1600	63		32-121	6		50
Bis(2-ethylhexyl)phthalate	ND	2560	1400	55		1400	55		40-140	0		50
Butyl benzyl phthalate	ND	2560	1400	55		1400	55		40-140	0		50
Di-n-butylphthalate	ND	2560	1300	51		1400	55		40-140	7		50
Di-n-octylphthalate	ND	2560	1500	59		1500	59		40-140	0		50
Diethyl phthalate	ND	2560	1500	59		1500	59		40-140	0		50
Dimethyl phthalate	ND	2560	1800	70		2000	79		40-140	11		50
Benzo(a)anthracene	ND	2560	1400	55		1300	51		40-140	7		50
Benzo(a)pyrene	ND	2560	1400	55		1500	59		40-140	7		50
Benzo(b)fluoranthene	ND	2560	1400	55		1400	55		40-140	0		50
Benzo(k)fluoranthene	ND	2560	1600	62		1600	63		40-140	0		50
Chrysene	ND	2560	1400	55		1400	55		40-140	0		50
Acenaphthylene	ND	2560	1700	66		1700	67		40-140	0		50
Anthracene	ND	2560	1300	51		1400	55		40-140	7		50
Benzo(ghi)perylene	ND	2560	950	**37**	Q	1200	47		40-140	23		50
Fluorene	ND	2560	1400	55		1400	55		40-140	0		50
Phenanthrene	ND	2560	1300	51		1300	51		40-140	0		50
Dibenzo(a,h)anthracene	ND	2560	1100	43		1200	47		40-140	9		50
Indeno(1,2,3-cd)pyrene	ND	2560	1000	**39**	Q	1200	47		40-140	18		50
Pyrene	ND	2560	1400	55		1300	51		35-142	7		50
Biphenyl	ND	2560	1500	59		1600	63		37-127	6		50
4-Chloroaniline	ND	2560	1200	47		1100	43		40-140	9		50
2-Nitroaniline	ND	2560	1900	74		2000	79		47-134	5		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29 QC Batch ID: WG2073421-4 WG2073421-5 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												
3-Nitroaniline	ND	2560	1700	66		1600	63		26-129	6		50
4-Nitroaniline	ND	2560	1700	66		1700	67		41-125	0		50
Dibenzofuran	ND	2560	1400	55		1400	55		40-140	0		50
2-Methylnaphthalene	ND	2560	1400	55		1500	59		40-140	7		50
1,2,4,5-Tetrachlorobenzene	ND	2560	1900	74		2100	83		40-117	10		50
Acetophenone	ND	2560	1700	66		1700	67		14-144	0		50
2,4,6-Trichlorophenol	ND	2560	2300	90		2400	94		30-130	4		50
p-Chloro-m-cresol	ND	2560	1800	70		1900	75		26-103	5		50
2-Chlorophenol	ND	2560	1600	62		1700	67		25-102	6		50
2,4-Dichlorophenol	ND	2560	1700	66		1800	71		30-130	6		50
2,4-Dimethylphenol	ND	2560	1800	70		1800	71		30-130	0		50
2-Nitrophenol	ND	2560	780	30		950	37		30-130	20		50
4-Nitrophenol	ND	2560	1300	51		1500	59		11-114	14		50
2,4-Dinitrophenol	ND	2560	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	2560	180J	**7**	Q	180J	**7**	Q	10-130	0		50
Pentachlorophenol	ND	2560	1600	62		1700	67		17-109	6		50
Phenol	ND	2560	1600	62		1700	67		26-90	6		50
2-Methylphenol	ND	2560	1600	62		1700	67		30-130.	6		50
3-Methylphenol/4-Methylphenol	ND	2560	1600	62		1700	67		30-130	6		50
2,4,5-Trichlorophenol	ND	2560	2100	82		2200	86		30-130	5		50
Benzoic Acid	ND	2560	400J	16		390J	15		10-110	3		50
Benzyl Alcohol	ND	2560	1500	59		1700	67		40-140	13		50
Carbazole	ND	2560	1400	55		1500	59		54-128	7		50

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29 QC Batch ID: WG2073421-4 WG2073421-5 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												
1,4-Dioxane	ND	2560	1600	62		1600	63		40-140	0		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	64		64		10-136
2-Fluorobiphenyl	57		59		30-120
2-Fluorophenol	60		66		25-120
4-Terphenyl-d14	44		43		18-120
Nitrobenzene-d5	57		62		23-120
Phenol-d6	60		64		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 QC Batch ID: WG2075441-4 WG2075441-5 QC Sample: L2533649-26 Client ID: SW-08-0-0.5												
Perfluorobutanoic Acid (PFBA)	1.66J	76.5	79.5	102		77.8	99		70-140	2		30
Perfluoropentanoic Acid (PFPeA)	0.726J	38.3	41.3	106		41.0	104		65-135	1		30
Perfluorobutanesulfonic Acid (PFBS)	1.14J	17	17.4	96		17.7	97		60-145	2		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	71.7	75.0	105		71.9	100		70-145	4		30
Perfluorohexanoic Acid (PFHxA)	0.945J	19.1	19.4	96		19.4	96		70-145	0		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	18	19.4	108		20.4	113		65-140	5		30
Perfluoroheptanoic Acid (PFHpA)	1.13J	19.1	21.5	106		20.6	101		70-150	4		30
Perfluorohexanesulfonic Acid (PFHxS)	0.922J	17.5	20.2	110		19.4	105		65-145	4		30
Perfluorooctanoic Acid (PFOA)	10.5	19.1	27.1	87		30.4	103		70-150	11		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	72.8	76.8	106		75.6	103		65-155	2		30
Perfluoroheptanesulfonic Acid (PFHpS)	0.295JF	18.2	19.5	105		19.8	106		70-150	2		30
Perfluorononanoic Acid (PFNA)	0.423J	19.1	20.0	102		19.8	100		70-150	1		30
Perfluorooctanesulfonic Acid (PFOS)	7.88	17.8	23.3	87		25.7	100		55-150	10		30
Perfluorodecanoic Acid (PFDA)	ND	19.1	19.2	100		19.9	103		70-140	4		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	73.5	81.2	111		73.1	99		60-150	10		30
Perfluorononanesulfonic Acid (PFNS)	ND	18.4	14.3	78		14.5	78		65-145	1		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	19.1	17.3	90		18.9	98		50-140	9		30
Perfluoroundecanoic Acid (PFUnA)	ND	19.1	19.8	103		19.3	100		70-145	3		30
Perfluorodecanesulfonic Acid (PFDS)	ND	18.4	14.0	76		14.4	78		60-145	3		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 QC Batch ID: WG2075441-4 WG2075441-5 QC Sample: L2533649-26 Client ID: SW-08-0-0.5												
Perfluorooctanesulfonamide (PFOSA)	ND	19.1	18.2	95		18.1	94		70-145	1		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	19.1	19.1	100		19.0	98		70-145	1		30
Perfluorododecanoic Acid (PFDoA)	ND	19.1	20.3	106		18.7	97		70-140	8		30
Perfluorotridecanoic Acid (PFTrDA)	ND	19.1	22.1	116		20.7	107		65-140	7		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	19.1	18.8	98		20.3	105		60-140	8		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	76.5	79.2	103		78.5	102		70-140	1		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	72.3	82.9	115		80.4	110		65-145	3		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	18.6	12.9	69		13.6	73		50-145	5		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	71.4	69.4	97		71.0	99		70-155	2		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	72.2	62.8	87		63.1	87		55-160	0		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	19.1	17.5	92		18.4	95		60-150	5		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	19.1	17.8	93		19.5	101		65-145	9		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	191	169	88		187	97		70-145	10		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	191	182	95		187	97		70-135	3		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	38.3	36.0	94		37.1	96		55-140	3		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	38.3	37.7	98		36.7	95		60-150	3		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	34.1	38.2	112		44.4	129		70-140	15		30
Nonafluoro-3,6-Dioxaheptanoic	ND	38.3	38.3	100		44.9	116		50-150	16		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 QC Batch ID: WG2075441-4 WG2075441-5 QC Sample: L2533649-26 Client ID: SW-08-0-0.5												
Acid (NFDHA)												
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	95.6	106	111		102	106		65-130	4		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	478	529	111		618	128		70-135	16		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	478	516	108		540	112		50-145	5		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	67		76		40-300
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	103		117		40-200
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91		98		40-200
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	65		62		10-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	65		70		25-135
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	64		65		10-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62		61		10-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	74		81		40-170
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	59		57		10-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		89		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73		78		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		87		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84		69		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	59		65		30-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	72		82		40-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96		97		40-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 QC Batch ID: WG2075441-4 WG2075441-5 QC Sample: L2533649-26 Client ID: SW-08-0-0.5

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	99		122		40-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	49		58		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		61		10-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		95		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	102		125		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98		85		40-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84		85		40-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	93		108		40-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,04,07,10,14,21-24,29 QC Batch ID: WG2077073-4 WG2077073-5 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												
Perfluorobutanoic Acid (PFBA)	0.136J	8	8.65	106		8.81	108		70-140	2		30
Perfluoropentanoic Acid (PFPeA)	0.074J	4	4.74	117		4.73	116		60-150	0		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.78	1.82	103		1.97	111		65-145	8		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	7.49	7.47	100		7.09	95		60-150	5		30
Perfluorohexanoic Acid (PFHxA)	0.085J	2	2.32	112		2.51	121		65-140	8		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.88	2.18	116		2.01	107		55-160	8		30
Perfluoroheptanoic Acid (PFHpA)	0.083J	2	2.66	129		2.34	113		65-145	13		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.83	1.75	96		1.98	108		60-150	12		30
Perfluorooctanoic Acid (PFOA)	0.722	2	3.49	138		3.13	120		70-150	11		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	7.6	9.06	119		8.99	118		55-200	1		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.9	2.02	106		1.85	97		65-155	9		30
Perfluorononanoic Acid (PFNA)	0.086J	2	2.43	117		2.53	122		70-155	4		30
Perfluorooctanesulfonic Acid (PFOS)	1.24	1.86	3.42	118		3.05	98		65-160	11		30
Perfluorodecanoic Acid (PFDA)	ND	2	2.08	104		2.15	108		70-155	3		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.68	8.88	116		9.06	118		70-150	2		30
Perfluorononanesulfonic Acid (PFNS)	ND	1.93	1.75	91		1.64	85		55-140	6		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	2	2.33	117		2.21	111		65-155	5		30
Perfluoroundecanoic Acid (PFUnA)	ND	2	2.08	104		2.07	104		70-155	0		30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.93	1.81	94		1.68	87		40-155	7		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,04,07,10,14,21-24,29 QC Batch ID: WG2077073-4 WG2077073-5 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												
Perfluorooctanesulfonamide (PFOSA)	ND	2	2.43	122		2.73	137		70-140	12		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2	2.19	110		2.07	104		65-165	6		30
Perfluorododecanoic Acid (PFDoA)	ND	2	2.11	106		2.16	108		70-150	2		30
Perfluorotridecanoic Acid (PFTrDA)	ND	2	2.56	128		2.36	118		65-150	8		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	2	2.50	125		2.18	109		65-150	14		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	8	8.35	104		8.26	103		70-145	1		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	7.56	11.7	155		9.63	127		70-160	19		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	1.94	2.00	103		1.84	95		25-160	8		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	7.46	10.2	137		9.77	131		70-150	4		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	7.54	9.59	127		9.28	123		45-160	3		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	2	2.14	107		2.14	107		70-155	0		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	2	2.20	110		2.23	112		70-140	1		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	20	21.7	109		22.6	113		70-140	4		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	20	23.3	117		21.9	110		70-135	6		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	4	3.91	98		3.71	93		30-140	5		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	4	3.63	91		3.76	94		60-150	4		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.57	3.86	108		4.53	127		70-140	16		30
Nonafluoro-3,6-Dioxaheptanoic	ND	4	4.24	106		4.98	125		60-155	16		30

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,04,07,10,14,21-24,29 QC Batch ID: WG2077073-4 WG2077073-5 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												
Acid (NFDHA)												
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	10	10.1	101		11.2	112		45-130	10		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	50	66.0	**132**	Q	71.4	**143**	Q	60-130	8		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	50	55.9	112		58.3	117		60-150	4		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	244		236		40-275
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	150		**169**	Q	40-165
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	195		184		40-215
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	81		75		10-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**176**	Q	**164**	Q	40-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	100		91		15-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	88		83		10-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**161**	Q	**156**	Q	40-135
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	97		88		20-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	97		102		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	60		45		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	106		102		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	104		104		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	108		103		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	112		111		40-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	98		83		40-130

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,04,07,10,14,21-24,29 QC Batch ID: WG2077073-4 WG2077073-5 QC Sample: L2533649-29 Client ID: SS-06-0-0.5

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	97		105		40-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	68		72		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	87		89		20-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	106		98		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	122		113		35-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94		101		40-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	105		100		40-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	86		79		40-130

PCBS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-01
Client ID: SS-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 09:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8082A
Analytical Date: 05/31/25 12:49
Analyst: MEO
Percent Solids: 17%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 19:53
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	294	26.1	1	A
Aroclor 1221	ND		ug/kg	294	29.4	1	A
Aroclor 1232	ND		ug/kg	294	62.3	1	A
Aroclor 1242	ND		ug/kg	294	39.6	1	A
Aroclor 1248	ND		ug/kg	294	44.1	1	A
Aroclor 1254	ND		ug/kg	294	32.1	1	A
Aroclor 1260	ND		ug/kg	294	54.3	1	B
Aroclor 1262	ND		ug/kg	294	37.3	1	A
Aroclor 1268	ND		ug/kg	294	30.4	1	A
PCBs, Total	ND		ug/kg	294	26.1	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-04
Client ID: SS-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 10:30
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8082A
Analytical Date: 05/31/25 12:57
Analyst: MEO
Percent Solids: 68%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 19:53
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	71.1	6.32	1	A
Aroclor 1221	ND		ug/kg	71.1	7.12	1	A
Aroclor 1232	ND		ug/kg	71.1	15.1	1	A
Aroclor 1242	ND		ug/kg	71.1	9.59	1	A
Aroclor 1248	ND		ug/kg	71.1	10.7	1	A
Aroclor 1254	ND		ug/kg	71.1	7.78	1	A
Aroclor 1260	ND		ug/kg	71.1	13.1	1	A
Aroclor 1262	ND		ug/kg	71.1	9.03	1	A
Aroclor 1268	ND		ug/kg	71.1	7.37	1	A
PCBs, Total	ND		ug/kg	71.1	6.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	112		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-07
Client ID: SS-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 11:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8082A
Analytical Date: 05/31/25 13:05
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 19:53
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.9	5.23	1	A
Aroclor 1221	ND		ug/kg	58.9	5.90	1	A
Aroclor 1232	ND		ug/kg	58.9	12.5	1	A
Aroclor 1242	ND		ug/kg	58.9	7.94	1	A
Aroclor 1248	ND		ug/kg	58.9	8.83	1	A
Aroclor 1254	ND		ug/kg	58.9	6.44	1	A
Aroclor 1260	ND		ug/kg	58.9	10.9	1	A
Aroclor 1262	ND		ug/kg	58.9	7.48	1	A
Aroclor 1268	ND		ug/kg	58.9	6.10	1	A
PCBs, Total	ND		ug/kg	58.9	5.23	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	112		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-08
Client ID: SS-03R-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 11:25
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8082A
Analytical Date: 06/14/25 15:00
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/14/25 03:07
Cleanup Method: EPA 3665A
Cleanup Date: 06/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.6	5.02	1	A
Aroclor 1221	ND		ug/kg	56.6	5.67	1	A
Aroclor 1232	ND		ug/kg	56.6	12.0	1	A
Aroclor 1242	ND		ug/kg	56.6	7.63	1	A
Aroclor 1248	ND		ug/kg	56.6	8.49	1	A
Aroclor 1254	ND		ug/kg	56.6	6.19	1	A
Aroclor 1260	ND		ug/kg	56.6	10.4	1	A
Aroclor 1262	ND		ug/kg	56.6	7.18	1	A
Aroclor 1268	ND		ug/kg	56.6	5.86	1	A
PCBs, Total	ND		ug/kg	56.6	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-10
Client ID: SS-04-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8082A
Analytical Date: 05/31/25 13:13
Analyst: MEO
Percent Solids: 12%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 19:53
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	422	37.5	1	A
Aroclor 1221	ND		ug/kg	422	42.3	1	A
Aroclor 1232	ND		ug/kg	422	89.5	1	A
Aroclor 1242	ND		ug/kg	422	56.9	1	A
Aroclor 1248	ND		ug/kg	422	63.3	1	A
Aroclor 1254	ND		ug/kg	422	46.2	1	A
Aroclor 1260	ND		ug/kg	422	78.0	1	A
Aroclor 1262	ND		ug/kg	422	53.6	1	A
Aroclor 1268	ND		ug/kg	422	43.7	1	A
PCBs, Total	ND		ug/kg	422	37.5	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13
Client ID: SW-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:40
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/01/25 14:02
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 17:10
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**219**	Q	30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-14
Client ID: SS-05-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8082A
Analytical Date: 05/31/25 13:04
Analyst: MEO
Percent Solids: 11%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 19:43
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	429	38.1	1	A
Aroclor 1221	ND		ug/kg	429	43.0	1	A
Aroclor 1232	ND		ug/kg	429	91.0	1	A
Aroclor 1242	ND		ug/kg	429	57.8	1	A
Aroclor 1248	ND		ug/kg	429	64.4	1	A
Aroclor 1254	ND		ug/kg	429	46.9	1	A
Aroclor 1260	ND		ug/kg	429	79.3	1	A
Aroclor 1262	ND		ug/kg	429	54.5	1	A
Aroclor 1268	ND		ug/kg	429	44.4	1	A
PCBs, Total	ND		ug/kg	429	38.1	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-15
Client ID: SS-05-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8082A
Analytical Date: 06/14/25 15:07
Analyst: MEO
Percent Solids: 14%

Extraction Method: EPA 3546
Extraction Date: 06/14/25 03:07
Cleanup Method: EPA 3665A
Cleanup Date: 06/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	343	30.5	1	A
Aroclor 1221	ND		ug/kg	343	34.4	1	A
Aroclor 1232	ND		ug/kg	343	72.8	1	A
Aroclor 1242	ND		ug/kg	343	46.3	1	A
Aroclor 1248	ND		ug/kg	343	51.5	1	A
Aroclor 1254	ND		ug/kg	343	37.6	1	A
Aroclor 1260	ND		ug/kg	343	63.5	1	A
Aroclor 1262	ND		ug/kg	343	43.6	1	A
Aroclor 1268	ND		ug/kg	343	35.6	1	A
PCBs, Total	ND		ug/kg	343	30.5	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17
Client ID: SW-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/01/25 14:11
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 17:10
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	119		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18
Client ID: SW-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/01/25 14:20
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 17:10
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	119		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19
Client ID: SW-04-4-5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 14:00
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/01/25 14:29
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 17:10
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**179**	Q	30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20
Client ID: SW-05-4-5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 14:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/01/25 14:38
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 17:10
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**160**	Q	30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	111		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-21
Client ID: SS-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 16:20
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8082A
Analytical Date: 05/31/25 13:12
Analyst: MEO
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 19:43
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	66.8	5.94	1	A
Aroclor 1221	ND		ug/kg	66.8	6.70	1	A
Aroclor 1232	ND		ug/kg	66.8	14.2	1	A
Aroclor 1242	ND		ug/kg	66.8	9.01	1	A
Aroclor 1248	ND		ug/kg	66.8	10.0	1	A
Aroclor 1254	ND		ug/kg	66.8	7.31	1	A
Aroclor 1260	ND		ug/kg	66.8	12.4	1	A
Aroclor 1262	ND		ug/kg	66.8	8.49	1	A
Aroclor 1268	ND		ug/kg	66.8	6.92	1	A
PCBs, Total	ND		ug/kg	66.8	5.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-22
Client ID: SS-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8082A
Analytical Date: 05/31/25 13:19
Analyst: MEO
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 19:43
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.0	5.32	1	A
Aroclor 1221	ND		ug/kg	60.0	6.01	1	A
Aroclor 1232	ND		ug/kg	60.0	12.7	1	A
Aroclor 1242	ND		ug/kg	60.0	8.08	1	A
Aroclor 1248	ND		ug/kg	60.0	8.99	1	A
Aroclor 1254	ND		ug/kg	60.0	6.56	1	A
Aroclor 1260	ND		ug/kg	60.0	11.1	1	A
Aroclor 1262	ND		ug/kg	60.0	7.62	1	A
Aroclor 1268	ND		ug/kg	60.0	6.21	1	A
PCBs, Total	ND		ug/kg	60.0	5.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-23
Client ID: DUP-01-250529
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8082A
Analytical Date: 05/31/25 13:27
Analyst: MEO
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 19:43
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	64.4	5.72	1	A
Aroclor 1221	ND		ug/kg	64.4	6.45	1	A
Aroclor 1232	ND		ug/kg	64.4	13.6	1	A
Aroclor 1242	ND		ug/kg	64.4	8.68	1	A
Aroclor 1248	ND		ug/kg	64.4	9.66	1	A
Aroclor 1254	ND		ug/kg	64.4	7.04	1	A
Aroclor 1260	ND		ug/kg	64.4	11.9	1	A
Aroclor 1262	ND		ug/kg	64.4	8.18	1	A
Aroclor 1268	ND		ug/kg	64.4	6.67	1	A
PCBs, Total	ND		ug/kg	64.4	5.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-24
Client ID: SS-08-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8082A
Analytical Date: 05/31/25 13:34
Analyst: MEO
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 19:43
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.9	5.50	1	A
Aroclor 1221	ND		ug/kg	61.9	6.20	1	A
Aroclor 1232	ND		ug/kg	61.9	13.1	1	A
Aroclor 1242	ND		ug/kg	61.9	8.34	1	A
Aroclor 1248	ND		ug/kg	61.9	9.28	1	A
Aroclor 1254	ND		ug/kg	61.9	6.77	1	A
Aroclor 1260	ND		ug/kg	61.9	11.4	1	A
Aroclor 1262	ND		ug/kg	61.9	7.86	1	A
Aroclor 1268	ND		ug/kg	61.9	6.41	1	A
PCBs, Total	ND		ug/kg	61.9	5.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26
Client ID: SW-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 10:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/01/25 14:47
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 13:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27
Client ID: SW-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 11:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/01/25 15:14
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 13:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28
Client ID: DUP-02-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 12:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/01/25 15:23
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 13:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	109		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-29
Client ID: SS-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 13:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8082A
Analytical Date: 06/02/25 12:18
Analyst: EMR
Percent Solids: 51%

Extraction Method: EPA 3546
Extraction Date: 05/31/25 13:14
Cleanup Method: EPA 3665A
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	93.5	8.31	1	A
Aroclor 1221	ND		ug/kg	93.5	9.37	1	A
Aroclor 1232	ND		ug/kg	93.5	19.8	1	A
Aroclor 1242	ND		ug/kg	93.5	12.6	1	A
Aroclor 1248	ND		ug/kg	93.5	14.0	1	A
Aroclor 1254	ND		ug/kg	93.5	10.2	1	A
Aroclor 1260	ND		ug/kg	93.5	17.3	1	A
Aroclor 1262	ND		ug/kg	93.5	11.9	1	A
Aroclor 1268	ND		ug/kg	93.5	9.69	1	A
PCBs, Total	ND		ug/kg	93.5	8.31	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31
Client ID: SW-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 13:30
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/01/25 15:31
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 13:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	115		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32
Client ID: FB-SED-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 14:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/01/25 15:40
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 13:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33
Client ID: FB-SW-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 15:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/01/25 15:49
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 13:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	110		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/30/25 16:57
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 05/30/25 04:54
Cleanup Method: EPA 3665A
Cleanup Date: 05/30/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/30/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 14,21-24 Batch: WG2072904-1						
Aroclor 1016	ND		ug/kg	48.6	4.31	A
Aroclor 1221	ND		ug/kg	48.6	4.87	A
Aroclor 1232	ND		ug/kg	48.6	10.3	A
Aroclor 1242	ND		ug/kg	48.6	6.55	A
Aroclor 1248	ND		ug/kg	48.6	7.29	A
Aroclor 1254	ND		ug/kg	48.6	5.32	A
Aroclor 1260	ND		ug/kg	48.6	8.98	A
Aroclor 1262	ND		ug/kg	48.6	6.17	A
Aroclor 1268	ND		ug/kg	48.6	5.03	A
PCBs, Total	ND		ug/kg	48.6	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/31/25 10:19
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 05/30/25 19:39
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,04,07,10 Batch: WG2073295-1						
Aroclor 1016	ND		ug/kg	48.5	4.31	A
Aroclor 1221	ND		ug/kg	48.5	4.86	A
Aroclor 1232	ND		ug/kg	48.5	10.3	A
Aroclor 1242	ND		ug/kg	48.5	6.54	A
Aroclor 1248	ND		ug/kg	48.5	7.27	A
Aroclor 1254	ND		ug/kg	48.5	5.30	A
Aroclor 1260	ND		ug/kg	48.5	8.96	A
Aroclor 1262	ND		ug/kg	48.5	6.16	A
Aroclor 1268	ND		ug/kg	48.5	5.02	A
PCBs, Total	ND		ug/kg	48.5	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/31/25 13:17
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/30/25 21:21
Cleanup Method: EPA 3665A
Cleanup Date: 05/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 13,17-20,26-28,31-33 Batch: WG2073305-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1260	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
PCBs, Total	ND		ug/l	0.071	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/02/25 11:47
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 05/31/25 13:14
Cleanup Method: EPA 3665A
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 29 Batch: WG2073447-1						
Aroclor 1016	ND		ug/kg	45.7	4.06	A
Aroclor 1221	ND		ug/kg	45.7	4.58	A
Aroclor 1232	ND		ug/kg	45.7	9.70	A
Aroclor 1242	ND		ug/kg	45.7	6.17	A
Aroclor 1248	ND		ug/kg	45.7	6.86	A
Aroclor 1254	ND		ug/kg	45.7	5.00	A
Aroclor 1260	ND		ug/kg	45.7	8.45	A
Aroclor 1262	ND		ug/kg	45.7	5.81	A
Aroclor 1268	ND		ug/kg	45.7	4.74	A
PCBs, Total	ND		ug/kg	45.7	4.06	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/14/25 14:37
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/14/25 03:07
Cleanup Method: EPA 3665A
Cleanup Date: 06/14/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/14/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 08,15 Batch: WG2078839-1						
Aroclor 1016	ND		ug/kg	47.8	4.24	A
Aroclor 1221	ND		ug/kg	47.8	4.78	A
Aroclor 1232	ND		ug/kg	47.8	10.1	A
Aroclor 1242	ND		ug/kg	47.8	6.44	A
Aroclor 1248	ND		ug/kg	47.8	7.16	A
Aroclor 1254	ND		ug/kg	47.8	5.22	A
Aroclor 1260	ND		ug/kg	47.8	8.82	A
Aroclor 1262	ND		ug/kg	47.8	6.06	A
Aroclor 1268	ND		ug/kg	47.8	4.95	A
PCBs, Total	ND		ug/kg	47.8	4.24	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	111		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	107		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 14,21-24 Batch: WG2072904-2 WG2072904-3									
Aroclor 1016	84		88		40-140	5		50	A
Aroclor 1260	72		72		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		94		30-150	A
Decachlorobiphenyl	67		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		102		30-150	B
Decachlorobiphenyl	77		78		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,04,07,10 Batch: WG2073295-2 WG2073295-3									
Aroclor 1016	92		96		40-140	4		50	A
Aroclor 1260	93		98		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		89		30-150	A
Decachlorobiphenyl	88		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		102		30-150	B
Decachlorobiphenyl	82		78		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 13,17-20,26-28,31-33 Batch: WG2073305-2 WG2073305-3									
Aroclor 1016	95		95		40-140	0		50	A
Aroclor 1260	93		95		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		87		30-150	A
Decachlorobiphenyl	73		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		89		30-150	B
Decachlorobiphenyl	69		72		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 29 Batch: WG2073447-2 WG2073447-3									
Aroclor 1016	91		86		40-140	6		50	A
Aroclor 1260	89		84		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		61		30-150	A
Decachlorobiphenyl	106		102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		61		30-150	B
Decachlorobiphenyl	97		94		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 08,15 Batch: WG2078839-2 WG2078839-3									
Aroclor 1016	94		94		40-140	0		50	A
Aroclor 1260	92		92		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		70		30-150	A
Decachlorobiphenyl	104		103		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		68		30-150	B
Decachlorobiphenyl	102		102		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 13,17-20,26-28,31-33 QC Batch ID: WG2073305-4 WG2073305-5 QC Sample: L2533649-26 Client ID: SW-08-0-0.5													
Aroclor 1016	ND	2.5	2.86P	114		2.89P	116		40-140	1		50	A
Aroclor 1260	ND	2.5	3.07	123		3.10	124		40-140	1		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		102		30-150	A
Decachlorobiphenyl	93		97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		63		30-150	B
Decachlorobiphenyl	103		108		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 29 QC Batch ID: WG2073447-4 WG2073447-5 QC Sample: L2533649-29 Client ID: SS-06-0-0.5													
Aroclor 1016	ND	564	476	85		425	72		40-140	11		50	A
Aroclor 1260	ND	564	467	83		404	69		40-140	14		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		53		30-150	A
Decachlorobiphenyl	98		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		54		30-150	B
Decachlorobiphenyl	106		78		30-150	B

PESTICIDES

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-01
Client ID: SS-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 09:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 22:23
Analyst: AKM
Percent Solids: 17%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 23:01
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	13.3	2.61	1	A
Lindane	ND		ug/kg	5.56	2.49	1	A
Alpha-BHC	ND		ug/kg	5.56	1.58	1	A
Beta-BHC	ND		ug/kg	13.3	5.06	1	A
Heptachlor	ND		ug/kg	6.67	2.99	1	A
Aldrin	ND		ug/kg	13.3	4.70	1	A
Heptachlor epoxide	ND		ug/kg	25.0	7.51	1	A
Endrin	ND		ug/kg	5.56	2.28	1	A
Endrin aldehyde	ND		ug/kg	16.7	5.84	1	A
Endrin ketone	ND		ug/kg	13.3	3.44	1	A
Dieldrin	ND		ug/kg	8.34	4.17	1	A
4,4'-DDE	65.4		ug/kg	13.3	3.09	1	B
4,4'-DDD	151		ug/kg	13.3	4.76	1	B
4,4'-DDT	13.4	IP	ug/kg	13.3	10.7	1	A
Endosulfan I	ND		ug/kg	13.3	3.15	1	A
Endosulfan II	ND		ug/kg	13.3	4.46	1	A
Endosulfan sulfate	ND		ug/kg	5.56	2.65	1	A
Methoxychlor	ND		ug/kg	25.0	7.79	1	A
Toxaphene	ND		ug/kg	250	70.1	1	A
cis-Chlordane	16.7		ug/kg	16.7	4.65	1	A
trans-Chlordane	15.2	J	ug/kg	16.7	4.40	1	B
Chlordane	ND		ug/kg	111	44.2	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-01 Date Collected: 05/29/25 09:55

Client ID: SS-01R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-01
Client ID: SS-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 09:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8151A
Analytical Date: 06/01/25 11:43
Analyst: EJL
Percent Solids: 17%
Methylation Date: 05/31/25 19:27

Extraction Method: EPA 8151A
Extraction Date: 05/30/25 19:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	994	62.6	1	A
2,4,5-T	ND		ug/kg	994	30.8	1	A
2,4,5-TP (Silvex)	ND		ug/kg	994	26.4	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-02
Client ID: SS-01R-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 10:00
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 14:24
Analyst: AKM
Percent Solids: 16%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	9.20	1.80	1	B
Lindane	ND		ug/kg	3.83	1.71	1	B
Alpha-BHC	ND		ug/kg	3.83	1.09	1	B
Beta-BHC	ND		ug/kg	9.20	3.49	1	B
Heptachlor	ND		ug/kg	4.60	2.06	1	B
Aldrin	ND		ug/kg	9.20	3.24	1	B
Heptachlor epoxide	ND		ug/kg	17.2	5.18	1	B
Endrin	ND		ug/kg	3.83	1.57	1	B
Endrin aldehyde	ND		ug/kg	11.5	4.03	1	B
Endrin ketone	ND		ug/kg	9.20	2.37	1	B
Dieldrin	ND		ug/kg	5.75	2.88	1	B
4,4'-DDE	ND		ug/kg	9.20	2.13	1	B
4,4'-DDD	ND		ug/kg	9.20	3.28	1	B
4,4'-DDT	ND		ug/kg	9.20	7.40	1	B
Endosulfan I	ND		ug/kg	9.20	2.17	1	B
Endosulfan II	ND		ug/kg	9.20	3.08	1	B
Endosulfan sulfate	ND		ug/kg	3.83	1.82	1	B
Methoxychlor	ND		ug/kg	17.2	5.37	1	B
Toxaphene	ND		ug/kg	172	48.3	1	B
cis-Chlordane	ND		ug/kg	11.5	3.21	1	B
trans-Chlordane	ND		ug/kg	11.5	3.04	1	B
Chlordane	ND		ug/kg	76.7	30.5	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-02 Date Collected: 05/29/25 10:00

Client ID: SS-01R-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**14**	Q	30-150	A
Decachlorobiphenyl	**7**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-03
Client ID: SS-01R-1-2
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 10:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 14:36
Analyst: AKM
Percent Solids: 10%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	15.2	2.97	1	B
Lindane	ND		ug/kg	6.32	2.82	1	B
Alpha-BHC	ND		ug/kg	6.32	1.79	1	B
Beta-BHC	ND		ug/kg	15.2	5.75	1	B
Heptachlor	ND		ug/kg	7.58	3.40	1	B
Aldrin	ND		ug/kg	15.2	5.34	1	B
Heptachlor epoxide	ND		ug/kg	28.4	8.53	1	B
Endrin	ND		ug/kg	6.32	2.59	1	B
Endrin aldehyde	ND		ug/kg	19.0	6.63	1	B
Endrin ketone	ND		ug/kg	15.2	3.90	1	B
Dieldrin	ND		ug/kg	9.48	4.74	1	B
4,4'-DDE	ND		ug/kg	15.2	3.50	1	B
4,4'-DDD	ND		ug/kg	15.2	5.41	1	B
4,4'-DDT	ND		ug/kg	15.2	12.2	1	B
Endosulfan I	ND		ug/kg	15.2	3.58	1	B
Endosulfan II	ND		ug/kg	15.2	5.06	1	B
Endosulfan sulfate	ND		ug/kg	6.32	3.01	1	B
Methoxychlor	ND		ug/kg	28.4	8.84	1	B
Toxaphene	ND		ug/kg	284	79.6	1	B
cis-Chlordane	ND		ug/kg	19.0	5.28	1	B
trans-Chlordane	ND		ug/kg	19.0	5.00	1	B
Chlordane	ND		ug/kg	126	50.2	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-03 Date Collected: 05/29/25 10:15

Client ID: SS-01R-1-2 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**12**	Q	30-150	A
Decachlorobiphenyl	**10**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-04
Client ID: SS-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 10:30
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 22:35
Analyst: AKM
Percent Solids: 68%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 23:01
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.27	0.445	1	A
Lindane	ND		ug/kg	0.947	0.423	1	A
Alpha-BHC	ND		ug/kg	0.947	0.269	1	A
Beta-BHC	ND		ug/kg	2.27	0.862	1	A
Heptachlor	ND		ug/kg	1.14	0.510	1	A
Aldrin	ND		ug/kg	2.27	0.800	1	A
Heptachlor epoxide	ND		ug/kg	4.26	1.28	1	A
Endrin	ND		ug/kg	0.947	0.388	1	A
Endrin aldehyde	ND		ug/kg	2.84	0.995	1	A
Endrin ketone	ND		ug/kg	2.27	0.585	1	A
Dieldrin	ND		ug/kg	1.42	0.710	1	B
4,4'-DDE	4.59		ug/kg	2.27	0.526	1	B
4,4'-DDD	12.6		ug/kg	2.27	0.811	1	B
4,4'-DDT	ND		ug/kg	2.27	1.83	1	A
Endosulfan I	ND		ug/kg	2.27	0.537	1	A
Endosulfan II	ND		ug/kg	2.27	0.760	1	A
Endosulfan sulfate	ND		ug/kg	0.947	0.451	1	A
Methoxychlor	ND		ug/kg	4.26	1.33	1	A
Toxaphene	ND		ug/kg	42.6	11.9	1	A
cis-Chlordane	3.35	IP	ug/kg	2.84	0.792	1	B
trans-Chlordane	3.98		ug/kg	2.84	0.750	1	A
Chlordane	24.6		ug/kg	18.9	7.53	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-04 Date Collected: 05/29/25 10:30

Client ID: SS-02R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-04
Client ID: SS-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 10:30
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8151A
Analytical Date: 06/01/25 12:02
Analyst: EJL
Percent Solids: 68%
Methylation Date: 05/31/25 19:27

Extraction Method: EPA 8151A
Extraction Date: 05/30/25 19:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	242	15.2	1	A
2,4,5-T	ND		ug/kg	242	7.49	1	A
2,4,5-TP (Silvex)	ND		ug/kg	242	6.43	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	76		30-150	A
DCAA	70		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-05
Client ID: SS-02R-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 10:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 14:48
Analyst: AKM
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.02	0.396	1	B
Lindane	ND		ug/kg	0.842	0.376	1	B
Alpha-BHC	ND		ug/kg	0.842	0.239	1	B
Beta-BHC	ND		ug/kg	2.02	0.766	1	B
Heptachlor	ND		ug/kg	1.01	0.453	1	B
Aldrin	ND		ug/kg	2.02	0.711	1	B
Heptachlor epoxide	ND		ug/kg	3.79	1.14	1	B
Endrin	ND		ug/kg	0.842	0.345	1	B
Endrin aldehyde	ND		ug/kg	2.52	0.884	1	B
Endrin ketone	ND		ug/kg	2.02	0.520	1	B
Dieldrin	ND		ug/kg	1.26	0.631	1	B
4,4'-DDE	9.96	P	ug/kg	2.02	0.467	1	B
4,4'-DDD	11.4	P	ug/kg	2.02	0.721	1	B
4,4'-DDT	2.33	P	ug/kg	2.02	1.62	1	B
Endosulfan I	ND		ug/kg	2.02	0.477	1	B
Endosulfan II	ND		ug/kg	2.02	0.675	1	B
Endosulfan sulfate	ND		ug/kg	0.842	0.401	1	B
Methoxychlor	ND		ug/kg	3.79	1.18	1	B
Toxaphene	ND		ug/kg	37.9	10.6	1	B
cis-Chlordane	52.6		ug/kg	2.52	0.704	1	B
trans-Chlordane	51.1	P	ug/kg	2.52	0.667	1	B
Chlordane	411	P	ug/kg	16.8	6.69	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-05 Date Collected: 05/29/25 10:45

Client ID: SS-02R-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	35		30-150	A
Decachlorobiphenyl	**28**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-06
Client ID: SS-02R-1-2
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 10:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 14:59
Analyst: AKM
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.99	0.390	1	B
Lindane	ND		ug/kg	0.831	0.371	1	B
Alpha-BHC	ND		ug/kg	0.831	0.236	1	B
Beta-BHC	ND		ug/kg	1.99	0.756	1	B
Heptachlor	ND		ug/kg	0.997	0.447	1	B
Aldrin	ND		ug/kg	1.99	0.702	1	B
Heptachlor epoxide	ND		ug/kg	3.74	1.12	1	B
Endrin	ND		ug/kg	0.831	0.341	1	B
Endrin aldehyde	ND		ug/kg	2.49	0.872	1	B
Endrin ketone	ND		ug/kg	1.99	0.513	1	B
Dieldrin	ND		ug/kg	1.25	0.623	1	B
4,4'-DDE	2.43	P	ug/kg	1.99	0.461	1	B
4,4'-DDD	3.00	P	ug/kg	1.99	0.711	1	B
4,4'-DDT	ND		ug/kg	1.99	1.60	1	B
Endosulfan I	ND		ug/kg	1.99	0.471	1	B
Endosulfan II	ND		ug/kg	1.99	0.666	1	B
Endosulfan sulfate	ND		ug/kg	0.831	0.395	1	B
Methoxychlor	ND		ug/kg	3.74	1.16	1	B
Toxaphene	ND		ug/kg	37.4	10.5	1	B
cis-Chlordane	37.6		ug/kg	2.49	0.695	1	B
trans-Chlordane	59.3	P	ug/kg	2.49	0.658	1	B
Chlordane	480	P	ug/kg	16.6	6.60	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-06 Date Collected: 05/29/25 10:55

Client ID: SS-02R-1-2 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	37		30-150	A
Decachlorobiphenyl	**29**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-07
Client ID: SS-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 11:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 22:47
Analyst: AKM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 23:01
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.377	1	A
Lindane	ND		ug/kg	0.803	0.359	1	A
Alpha-BHC	ND		ug/kg	0.803	0.228	1	A
Beta-BHC	ND		ug/kg	1.93	0.731	1	A
Heptachlor	ND		ug/kg	0.964	0.432	1	A
Aldrin	ND		ug/kg	1.93	0.678	1	A
Heptachlor epoxide	ND		ug/kg	3.61	1.08	1	A
Endrin	ND		ug/kg	0.803	0.329	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.843	1	A
Endrin ketone	ND		ug/kg	1.93	0.496	1	A
Dieldrin	ND		ug/kg	1.20	0.602	1	A
4,4'-DDE	ND		ug/kg	1.93	0.446	1	A
4,4'-DDD	ND		ug/kg	1.93	0.687	1	A
4,4'-DDT	ND		ug/kg	1.93	1.55	1	A
Endosulfan I	ND		ug/kg	1.93	0.455	1	A
Endosulfan II	ND		ug/kg	1.93	0.644	1	A
Endosulfan sulfate	ND		ug/kg	0.803	0.382	1	A
Methoxychlor	ND		ug/kg	3.61	1.12	1	A
Toxaphene	ND		ug/kg	36.1	10.1	1	A
cis-Chlordane	ND		ug/kg	2.41	0.671	1	A
trans-Chlordane	ND		ug/kg	2.41	0.636	1	A
Chlordane	ND		ug/kg	16.0	6.38	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-07 Date Collected: 05/29/25 11:15

Client ID: SS-03R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		30-150	A
Decachlorobiphenyl	100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-07
Client ID: SS-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 11:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8151A
Analytical Date: 06/01/25 12:21
Analyst: EJL
Percent Solids: 81%
Methylation Date: 05/31/25 19:27

Extraction Method: EPA 8151A
Extraction Date: 05/30/25 19:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	205	12.9	1	A
2,4,5-T	ND		ug/kg	205	6.34	1	A
2,4,5-TP (Silvex)	ND		ug/kg	205	5.44	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	83		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-08
Client ID: SS-03R-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 11:25
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 15:11
Analyst: AKM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.367	1	A
Lindane	ND		ug/kg	0.782	0.349	1	A
Alpha-BHC	ND		ug/kg	0.782	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.711	1	A
Heptachlor	ND		ug/kg	0.938	0.420	1	A
Aldrin	ND		ug/kg	1.88	0.660	1	A
Heptachlor epoxide	ND		ug/kg	3.52	1.06	1	A
Endrin	ND		ug/kg	0.782	0.320	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.821	1	A
Endrin ketone	ND		ug/kg	1.88	0.483	1	A
Dieldrin	ND		ug/kg	1.17	0.586	1	A
4,4'-DDE	ND		ug/kg	1.88	0.434	1	A
4,4'-DDD	ND		ug/kg	1.88	0.669	1	A
4,4'-DDT	ND		ug/kg	1.88	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.443	1	A
Endosulfan II	ND		ug/kg	1.88	0.627	1	A
Endosulfan sulfate	ND		ug/kg	0.782	0.372	1	A
Methoxychlor	ND		ug/kg	3.52	1.09	1	A
Toxaphene	ND		ug/kg	35.2	9.85	1	A
cis-Chlordane	ND		ug/kg	2.34	0.653	1	A
trans-Chlordane	ND		ug/kg	2.34	0.619	1	A
Chlordane	ND		ug/kg	15.6	6.21	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-08 Date Collected: 05/29/25 11:25

Client ID: SS-03R-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-08
Client ID: SS-03R-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 11:25
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8151A
Analytical Date: 06/14/25 11:33
Analyst: EJL
Percent Solids: 84%
Methylation Date: 06/14/25 05:00

Extraction Method: EPA 8151A
Extraction Date: 06/12/25 10:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.3	1	A
2,4,5-T	ND		ug/kg	196	6.07	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	82		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-09
Client ID: SS-03R-1-2
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 11:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 15:23
Analyst: AKM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.369	1	A
Lindane	ND		ug/kg	0.784	0.351	1	A
Alpha-BHC	ND		ug/kg	0.784	0.223	1	A
Beta-BHC	ND		ug/kg	1.88	0.714	1	A
Heptachlor	ND		ug/kg	0.941	0.422	1	A
Aldrin	ND		ug/kg	1.88	0.663	1	A
Heptachlor epoxide	ND		ug/kg	3.53	1.06	1	A
Endrin	ND		ug/kg	0.784	0.322	1	A
Endrin aldehyde	ND		ug/kg	2.35	0.824	1	A
Endrin ketone	ND		ug/kg	1.88	0.485	1	A
Dieldrin	ND		ug/kg	1.18	0.588	1	A
4,4'-DDE	ND		ug/kg	1.88	0.435	1	A
4,4'-DDD	ND		ug/kg	1.88	0.672	1	A
4,4'-DDT	ND		ug/kg	1.88	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.445	1	A
Endosulfan II	ND		ug/kg	1.88	0.629	1	A
Endosulfan sulfate	ND		ug/kg	0.784	0.373	1	A
Methoxychlor	ND		ug/kg	3.53	1.10	1	A
Toxaphene	ND		ug/kg	35.3	9.88	1	A
cis-Chlordane	ND		ug/kg	2.35	0.656	1	A
trans-Chlordane	ND		ug/kg	2.35	0.621	1	A
Chlordane	ND		ug/kg	15.7	6.24	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-09 Date Collected: 05/29/25 11:35

Client ID: SS-03R-1-2 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-10
Client ID: SS-04-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 22:58
Analyst: AKM
Percent Solids: 12%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 23:01
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	20.3	3.98	1	A
Lindane	ND		ug/kg	8.48	3.79	1	A
Alpha-BHC	ND		ug/kg	8.48	2.41	1	A
Beta-BHC	ND		ug/kg	20.3	7.71	1	A
Heptachlor	ND		ug/kg	10.2	4.56	1	A
Aldrin	ND		ug/kg	20.3	7.16	1	A
Heptachlor epoxide	ND		ug/kg	38.1	11.4	1	A
Endrin	ND		ug/kg	8.48	3.48	1	A
Endrin aldehyde	ND		ug/kg	25.4	8.90	1	A
Endrin ketone	ND		ug/kg	20.3	5.24	1	A
Dieldrin	ND		ug/kg	12.7	6.36	1	A
4,4'-DDE	10.7	J	ug/kg	20.3	4.70	1	B
4,4'-DDD	ND		ug/kg	20.3	7.26	1	B
4,4'-DDT	ND		ug/kg	20.3	16.4	1	A
Endosulfan I	ND		ug/kg	20.3	4.81	1	A
Endosulfan II	ND		ug/kg	20.3	6.80	1	A
Endosulfan sulfate	ND		ug/kg	8.48	4.03	1	A
Methoxychlor	ND		ug/kg	38.1	11.9	1	A
Toxaphene	ND		ug/kg	381	107.	1	A
cis-Chlordane	ND		ug/kg	25.4	7.09	1	A
trans-Chlordane	ND		ug/kg	25.4	6.71	1	A
Chlordane	ND		ug/kg	170	67.4	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-10 Date Collected: 05/29/25 12:15

Client ID: SS-04-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-10
Client ID: SS-04-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8151A
Analytical Date: 06/01/25 12:39
Analyst: EJL
Percent Solids: 12%
Methylation Date: 05/31/25 19:27

Extraction Method: EPA 8151A
Extraction Date: 05/30/25 19:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	2150	136.	1	A
2,4,5-T	ND		ug/kg	2150	66.7	1	A
2,4,5-TP (Silvex)	ND		ug/kg	2150	57.3	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	76		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-11
Client ID: SS-04-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:25
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 15:35
Analyst: AKM
Percent Solids: 19%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.41	1.65	1	B
Lindane	ND		ug/kg	3.50	1.57	1	B
Alpha-BHC	ND		ug/kg	3.50	0.995	1	B
Beta-BHC	ND		ug/kg	8.41	3.19	1	B
Heptachlor	ND		ug/kg	4.20	1.88	1	B
Aldrin	ND		ug/kg	8.41	2.96	1	B
Heptachlor epoxide	ND		ug/kg	15.8	4.73	1	B
Endrin	ND		ug/kg	3.50	1.44	1	B
Endrin aldehyde	ND		ug/kg	10.5	3.68	1	B
Endrin ketone	ND		ug/kg	8.41	2.16	1	B
Dieldrin	ND		ug/kg	5.26	2.63	1	B
4,4'-DDE	13.9	P	ug/kg	8.41	1.94	1	B
4,4'-DDD	6.65	JP	ug/kg	8.41	3.00	1	B
4,4'-DDT	ND		ug/kg	8.41	6.76	1	B
Endosulfan I	ND		ug/kg	8.41	1.99	1	B
Endosulfan II	ND		ug/kg	8.41	2.81	1	B
Endosulfan sulfate	ND		ug/kg	3.50	1.67	1	B
Methoxychlor	ND		ug/kg	15.8	4.91	1	B
Toxaphene	ND		ug/kg	158	44.2	1	B
cis-Chlordane	119	P	ug/kg	10.5	2.93	1	B
trans-Chlordane	162	P	ug/kg	10.5	2.78	1	B
Chlordane	1590	P	ug/kg	70.1	27.9	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-11 Date Collected: 05/29/25 12:25

Client ID: SS-04-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**19**	Q	30-150	A
Decachlorobiphenyl	**17**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-12
Client ID: SS-04-1-2
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 15:46
Analyst: AKM
Percent Solids: 18%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.92	1.75	1	B
Lindane	ND		ug/kg	3.72	1.66	1	B
Alpha-BHC	ND		ug/kg	3.72	1.06	1	B
Beta-BHC	ND		ug/kg	8.92	3.38	1	B
Heptachlor	ND		ug/kg	4.46	2.00	1	B
Aldrin	ND		ug/kg	8.92	3.14	1	B
Heptachlor epoxide	ND		ug/kg	16.7	5.02	1	B
Endrin	ND		ug/kg	3.72	1.52	1	B
Endrin aldehyde	ND		ug/kg	11.2	3.90	1	B
Endrin ketone	ND		ug/kg	8.92	2.30	1	B
Dieldrin	ND		ug/kg	5.58	2.79	1	B
4,4'-DDE	ND		ug/kg	8.92	2.06	1	B
4,4'-DDD	23.4	P	ug/kg	8.92	3.18	1	B
4,4'-DDT	ND		ug/kg	8.92	7.18	1	B
Endosulfan I	ND		ug/kg	8.92	2.11	1	B
Endosulfan II	ND		ug/kg	8.92	2.98	1	B
Endosulfan sulfate	ND		ug/kg	3.72	1.77	1	B
Methoxychlor	ND		ug/kg	16.7	5.20	1	B
Toxaphene	ND		ug/kg	167	46.8	1	B
cis-Chlordane	737	P	ug/kg	11.2	3.11	1	B
trans-Chlordane	1150	P	ug/kg	11.2	2.94	1	B
Chlordane	8790	P	ug/kg	74.4	29.6	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-12 Date Collected: 05/29/25 12:35

Client ID: SS-04-1-2 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**15**	Q	30-150	A
Decachlorobiphenyl	**12**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13
Client ID: SW-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:40
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/01/25 13:13
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 20:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13 Date Collected: 05/29/25 12:40

Client ID: SW-01R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	**191**	Q	30-150	A
Decachlorobiphenyl	81		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13
Client ID: SW-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:40
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/03/25 20:45
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/01/25 07:40

Methylation Date: 06/03/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	60		30-150	A
DCAA	59		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-14
Client ID: SS-05-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 15:58
Analyst: AKM
Percent Solids: 11%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	13.9	2.73	1	B
Lindane	ND		ug/kg	5.81	2.60	1	B
Alpha-BHC	ND		ug/kg	5.81	1.65	1	B
Beta-BHC	ND		ug/kg	13.9	5.28	1	B
Heptachlor	ND		ug/kg	6.97	3.12	1	B
Aldrin	ND		ug/kg	13.9	4.91	1	B
Heptachlor epoxide	ND		ug/kg	26.1	7.84	1	B
Endrin	ND		ug/kg	5.81	2.38	1	B
Endrin aldehyde	ND		ug/kg	17.4	6.10	1	B
Endrin ketone	ND		ug/kg	13.9	3.59	1	B
Dieldrin	ND		ug/kg	8.71	4.35	1	B
4,4'-DDE	36.5	P	ug/kg	13.9	3.22	1	B
4,4'-DDD	49.0	P	ug/kg	13.9	4.97	1	B
4,4'-DDT	ND		ug/kg	13.9	11.2	1	B
Endosulfan I	ND		ug/kg	13.9	3.29	1	B
Endosulfan II	ND		ug/kg	13.9	4.66	1	B
Endosulfan sulfate	ND		ug/kg	5.81	2.76	1	B
Methoxychlor	ND		ug/kg	26.1	8.13	1	B
Toxaphene	ND		ug/kg	261	73.2	1	B
cis-Chlordane	86.4	P	ug/kg	17.4	4.85	1	B
trans-Chlordane	107	P	ug/kg	17.4	4.60	1	B
Chlordane	1080	P	ug/kg	116	46.2	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-14 Date Collected: 05/29/25 12:45

Client ID: SS-05-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**10**	Q	30-150	A
Decachlorobiphenyl	**8**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-14
Client ID: SS-05-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8151A
Analytical Date: 06/01/25 13:17
Analyst: EJL
Percent Solids: 11%
Methylation Date: 05/31/25 19:27

Extraction Method: EPA 8151A
Extraction Date: 05/30/25 19:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	4270	269.	1	A
2,4,5-T	ND		ug/kg	4270	132.	1	A
2,4,5-TP (Silvex)	ND		ug/kg	4270	114.	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	75		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-15
Client ID: SS-05-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 16:10
Analyst: AKM
Percent Solids: 14%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	11.0	2.16	1	B
Lindane	ND		ug/kg	4.59	2.05	1	B
Alpha-BHC	ND		ug/kg	4.59	1.30	1	B
Beta-BHC	ND		ug/kg	11.0	4.18	1	B
Heptachlor	ND		ug/kg	5.51	2.47	1	B
Aldrin	ND		ug/kg	11.0	3.88	1	B
Heptachlor epoxide	ND		ug/kg	20.7	6.20	1	B
Endrin	ND		ug/kg	4.59	1.88	1	B
Endrin aldehyde	ND		ug/kg	13.8	4.82	1	B
Endrin ketone	ND		ug/kg	11.0	2.84	1	B
Dieldrin	ND		ug/kg	6.89	3.44	1	B
4,4'-DDE	30.5	P	ug/kg	11.0	2.55	1	B
4,4'-DDD	48.8	P	ug/kg	11.0	3.93	1	B
4,4'-DDT	ND		ug/kg	11.0	8.86	1	B
Endosulfan I	ND		ug/kg	11.0	2.60	1	B
Endosulfan II	ND		ug/kg	11.0	3.68	1	B
Endosulfan sulfate	ND		ug/kg	4.59	2.19	1	B
Methoxychlor	ND		ug/kg	20.7	6.43	1	B
Toxaphene	ND		ug/kg	207	57.9	1	B
cis-Chlordane	60.0	P	ug/kg	13.8	3.84	1	B
trans-Chlordane	72.8	P	ug/kg	13.8	3.64	1	B
Chlordane	834	P	ug/kg	91.8	36.5	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-15 Date Collected: 05/29/25 12:55

Client ID: SS-05-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**10**	Q	30-150	A
Decachlorobiphenyl	**9**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-15
Client ID: SS-05-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8151A
Analytical Date: 06/14/25 11:51
Analyst: EJL
Percent Solids: 14%
Methylation Date: 06/14/25 05:00

Extraction Method: EPA 8151A
Extraction Date: 06/12/25 10:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	1150	72.5	1	A
2,4,5-T	ND		ug/kg	1150	35.7	1	A
2,4,5-TP (Silvex)	ND		ug/kg	1150	30.6	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	89		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-16
Client ID: SS-05-1-2
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:05
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 16:21
Analyst: AKM
Percent Solids: 15%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	10.2	2.01	1	B
Lindane	ND		ug/kg	4.27	1.91	1	B
Alpha-BHC	ND		ug/kg	4.27	1.21	1	B
Beta-BHC	ND		ug/kg	10.2	3.88	1	B
Heptachlor	ND		ug/kg	5.12	2.30	1	B
Aldrin	ND		ug/kg	10.2	3.61	1	B
Heptachlor epoxide	ND		ug/kg	19.2	5.76	1	B
Endrin	ND		ug/kg	4.27	1.75	1	B
Endrin aldehyde	ND		ug/kg	12.8	4.48	1	B
Endrin ketone	ND		ug/kg	10.2	2.64	1	B
Dieldrin	ND		ug/kg	6.40	3.20	1	B
4,4'-DDE	53.8	P	ug/kg	10.2	2.37	1	B
4,4'-DDD	49.9	P	ug/kg	10.2	3.65	1	B
4,4'-DDT	ND		ug/kg	10.2	8.24	1	B
Endosulfan I	ND		ug/kg	10.2	2.42	1	B
Endosulfan II	ND		ug/kg	10.2	3.42	1	B
Endosulfan sulfate	ND		ug/kg	4.27	2.03	1	B
Methoxychlor	ND		ug/kg	19.2	5.98	1	B
Toxaphene	ND		ug/kg	192	53.8	1	B
cis-Chlordane	150	P	ug/kg	12.8	3.57	1	B
trans-Chlordane	149	P	ug/kg	12.8	3.38	1	B
Chlordane	1750	P	ug/kg	85.4	33.9	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-16 Date Collected: 05/29/25 13:05

Client ID: SS-05-1-2 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**5**	Q	30-150	A
Decachlorobiphenyl	**4**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17
Client ID: SW-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/01/25 13:25
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 20:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17 Date Collected: 05/29/25 13:15

Client ID: SW-02R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	82		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17
Client ID: SW-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/03/25 21:04
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/01/25 07:40

Methylation Date: 06/03/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	60		30-150	A
DCAA	59		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18
Client ID: SW-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/01/25 13:37
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 20:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18 Date Collected: 05/29/25 13:45

Client ID: SW-03R-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	72		30-150	B
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	72		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18
Client ID: SW-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/03/25 21:23
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/01/25 07:40

Methylation Date: 06/03/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	50		30-150	A
DCAA	51		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19
Client ID: SW-04-4-5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 14:00
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/01/25 13:48
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 20:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19 Date Collected: 05/29/25 14:00

Client ID: SW-04-4-5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	76		30-150	B
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	76		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19
Client ID: SW-04-4-5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 14:00
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/03/25 21:42
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/01/25 07:40

Methylation Date: 06/03/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	56		30-150	A
DCAA	56		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20
Client ID: SW-05-4-5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 14:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/01/25 14:00
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 20:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20 Date Collected: 05/29/25 14:15

Client ID: SW-05-4-5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	81		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20
Client ID: SW-05-4-5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 14:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/03/25 22:01
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/01/25 07:40

Methylation Date: 06/03/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	65		30-150	A
DCAA	65		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-21
Client ID: SS-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 16:20
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 16:33
Analyst: AKM
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.12	0.416	1	A
Lindane	ND		ug/kg	0.884	0.395	1	A
Alpha-BHC	ND		ug/kg	0.884	0.251	1	A
Beta-BHC	ND		ug/kg	2.12	0.805	1	A
Heptachlor	ND		ug/kg	1.06	0.476	1	A
Aldrin	ND		ug/kg	2.12	0.747	1	A
Heptachlor epoxide	ND	IP	ug/kg	3.98	1.19	1	A
Endrin	ND		ug/kg	0.884	0.362	1	A
Endrin aldehyde	ND		ug/kg	2.65	0.928	1	A
Endrin ketone	ND		ug/kg	2.12	0.546	1	A
Dieldrin	2.05	IP	ug/kg	1.33	0.663	1	A
4,4'-DDE	4.19		ug/kg	2.12	0.491	1	B
4,4'-DDD	ND		ug/kg	2.12	0.757	1	A
4,4'-DDT	ND		ug/kg	2.12	1.71	1	A
Endosulfan I	ND		ug/kg	2.12	0.501	1	A
Endosulfan II	ND		ug/kg	2.12	0.709	1	A
Endosulfan sulfate	ND		ug/kg	0.884	0.421	1	A
Methoxychlor	ND		ug/kg	3.98	1.24	1	A
Toxaphene	ND		ug/kg	39.8	11.1	1	A
cis-Chlordane	3.07	IP	ug/kg	2.65	0.739	1	B
trans-Chlordane	2.21	JIP	ug/kg	2.65	0.700	1	A
Chlordane	ND		ug/kg	17.7	7.03	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-21 Date Collected: 05/29/25 16:20

Client ID: SS-07-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-21
Client ID: SS-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 16:20
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8151A
Analytical Date: 06/01/25 13:35
Analyst: EJL
Percent Solids: 71%
Methylation Date: 05/31/25 19:27

Extraction Method: EPA 8151A
Extraction Date: 05/30/25 19:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	234	14.8	1	A
2,4,5-T	ND		ug/kg	234	7.27	1	A
2,4,5-TP (Silvex)	ND		ug/kg	234	6.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	77		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-22
Client ID: SS-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 16:44
Analyst: AKM
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:50
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.01	0.393	1	A
Lindane	ND		ug/kg	0.836	0.374	1	A
Alpha-BHC	ND		ug/kg	0.836	0.238	1	A
Beta-BHC	ND		ug/kg	2.01	0.761	1	A
Heptachlor	ND		ug/kg	1.00	0.450	1	A
Aldrin	ND		ug/kg	2.01	0.707	1	A
Heptachlor epoxide	1.19	JIP	ug/kg	3.76	1.13	1	A
Endrin	ND		ug/kg	0.836	0.343	1	A
Endrin aldehyde	ND		ug/kg	2.51	0.878	1	A
Endrin ketone	ND		ug/kg	2.01	0.517	1	A
Dieldrin	1.55	IP	ug/kg	1.25	0.627	1	A
4,4'-DDE	7.03	IP	ug/kg	2.01	0.464	1	A
4,4'-DDD	5.30	IP	ug/kg	2.01	0.716	1	A
4,4'-DDT	ND		ug/kg	2.01	1.61	1	A
Endosulfan I	ND		ug/kg	2.01	0.474	1	A
Endosulfan II	ND		ug/kg	2.01	0.671	1	A
Endosulfan sulfate	ND		ug/kg	0.836	0.398	1	A
Methoxychlor	ND		ug/kg	3.76	1.17	1	A
Toxaphene	ND		ug/kg	37.6	10.5	1	A
cis-Chlordane	3.63		ug/kg	2.51	0.699	1	A
trans-Chlordane	1.68	JIP	ug/kg	2.51	0.662	1	A
Chlordane	ND		ug/kg	16.7	6.65	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-22 Date Collected: 05/29/25 17:35

Client ID: SS-08-0-0.5 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-22
Client ID: SS-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8151A
Analytical Date: 06/01/25 13:54
Analyst: EJL
Percent Solids: 77%
Methylation Date: 05/31/25 19:27

Extraction Method: EPA 8151A
Extraction Date: 05/30/25 19:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	217	13.7	1	A
2,4,5-T	ND		ug/kg	217	6.74	1	A
2,4,5-TP (Silvex)	ND		ug/kg	217	5.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	80		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-23
Client ID: DUP-01-250529
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 16:56
Analyst: AKM
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:50
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.16	0.423	1	A
Lindane	ND		ug/kg	0.900	0.402	1	A
Alpha-BHC	ND		ug/kg	0.900	0.256	1	A
Beta-BHC	ND		ug/kg	2.16	0.819	1	A
Heptachlor	ND		ug/kg	1.08	0.484	1	A
Aldrin	ND		ug/kg	2.16	0.760	1	A
Heptachlor epoxide	ND	IP	ug/kg	4.05	1.21	1	A
Endrin	ND		ug/kg	0.900	0.369	1	A
Endrin aldehyde	ND		ug/kg	2.70	0.945	1	A
Endrin ketone	ND		ug/kg	2.16	0.556	1	A
Dieldrin	1.57	IP	ug/kg	1.35	0.675	1	A
4,4'-DDE	3.05	IP	ug/kg	2.16	0.499	1	A
4,4'-DDD	1.72	JIP	ug/kg	2.16	0.770	1	A
4,4'-DDT	ND		ug/kg	2.16	1.74	1	A
Endosulfan I	ND		ug/kg	2.16	0.510	1	A
Endosulfan II	ND		ug/kg	2.16	0.722	1	A
Endosulfan sulfate	ND		ug/kg	0.900	0.428	1	A
Methoxychlor	ND		ug/kg	4.05	1.26	1	A
Toxaphene	ND		ug/kg	40.5	11.3	1	A
cis-Chlordane	1.50	JIP	ug/kg	2.70	0.752	1	B
trans-Chlordane	0.758	JIP	ug/kg	2.70	0.713	1	A
Chlordane	ND		ug/kg	18.0	7.15	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-23 Date Collected: 05/29/25 17:35

Client ID: DUP-01-250529 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-23
Client ID: DUP-01-250529
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8151A
Analytical Date: 06/01/25 14:12
Analyst: EJL
Percent Solids: 72%
Methylation Date: 05/31/25 19:27

Extraction Method: EPA 8151A
Extraction Date: 05/30/25 19:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	230	14.5	1	A
2,4,5-T	ND		ug/kg	230	7.12	1	A
2,4,5-TP (Silvex)	ND		ug/kg	230	6.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	79		30-150	A
DCAA	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-24
Client ID: SS-08-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/04/25 17:08
Analyst: AKM
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:50
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.03	0.398	1	A
Lindane	ND		ug/kg	0.847	0.379	1	A
Alpha-BHC	ND		ug/kg	0.847	0.241	1	A
Beta-BHC	ND		ug/kg	2.03	0.771	1	A
Heptachlor	ND		ug/kg	1.02	0.456	1	A
Aldrin	ND		ug/kg	2.03	0.716	1	A
Heptachlor epoxide	ND		ug/kg	3.81	1.14	1	A
Endrin	ND		ug/kg	0.847	0.347	1	A
Endrin aldehyde	ND		ug/kg	2.54	0.890	1	A
Endrin ketone	ND		ug/kg	2.03	0.524	1	A
Dieldrin	1.18	JIP	ug/kg	1.27	0.635	1	A
4,4'-DDE	26.1	IP	ug/kg	2.03	0.470	1	A
4,4'-DDD	59.9		ug/kg	2.03	0.725	1	B
4,4'-DDT	1.90	JIP	ug/kg	2.03	1.64	1	A
Endosulfan I	ND		ug/kg	2.03	0.480	1	A
Endosulfan II	ND		ug/kg	2.03	0.679	1	A
Endosulfan sulfate	ND		ug/kg	0.847	0.403	1	A
Methoxychlor	ND		ug/kg	3.81	1.19	1	A
Toxaphene	ND		ug/kg	38.1	10.7	1	A
cis-Chlordane	9.86		ug/kg	2.54	0.708	1	A
trans-Chlordane	6.82	IP	ug/kg	2.54	0.671	1	A
Chlordane	53.9		ug/kg	16.9	6.74	1	B

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-24 Date Collected: 05/29/25 17:55

Client ID: SS-08-0.5-1 Date Received: 05/29/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-24
Client ID: SS-08-0.5-1
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 17:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8151A
Analytical Date: 06/01/25 14:31
Analyst: EJL
Percent Solids: 76%
Methylation Date: 05/31/25 19:27

Extraction Method: EPA 8151A
Extraction Date: 05/30/25 19:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	214	13.4	1	A
2,4,5-T	ND		ug/kg	214	6.62	1	A
2,4,5-TP (Silvex)	ND		ug/kg	214	5.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	82		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26
Client ID: SW-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 10:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/01/25 12:04
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 15:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	0.012	J	ug/l	0.014	0.005	1	B
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	0.012	J	ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26 Date Collected: 05/30/25 10:45

Client ID: SW-08-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	88		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	81		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26
Client ID: SW-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 10:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/03/25 22:20
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/01/25 07:40

Methylation Date: 06/03/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	68		30-150	A
DCAA	67		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27
Client ID: SW-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 11:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/01/25 14:12
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 15:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	0.010	J	ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	0.009	JIP	ug/l	0.029	0.004	1	B
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27 Date Collected: 05/30/25 11:45

Client ID: SW-07-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	83		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	82		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27
Client ID: SW-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 11:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/03/25 23:17
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/01/25 07:40

Methylation Date: 06/03/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	60		30-150	A
DCAA	59		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28
Client ID: DUP-02-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 12:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/01/25 14:23
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 15:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	0.009	J	ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	0.012	J	ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28 Date Collected: 05/30/25 12:00

Client ID: DUP-02-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	77		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28
Client ID: DUP-02-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 12:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/03/25 23:36
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/01/25 07:40

Methylation Date: 06/03/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	71		30-150	A
DCAA	68		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-29
Client ID: SS-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 13:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/05/25 14:30
Analyst: EMR
Percent Solids: 51%

Extraction Method: EPA 3546
Extraction Date: 05/31/25 08:50
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	3.11	0.610	1	A
Lindane	ND		ug/kg	1.30	0.580	1	A
Alpha-BHC	ND		ug/kg	1.30	0.368	1	A
Beta-BHC	ND		ug/kg	3.11	1.18	1	A
Heptachlor	ND		ug/kg	1.56	0.698	1	A
Aldrin	ND		ug/kg	3.11	1.10	1	A
Heptachlor epoxide	5.60	JIP	ug/kg	5.84	1.75	1	A
Endrin	ND		ug/kg	1.30	0.532	1	A
Endrin aldehyde	ND		ug/kg	3.89	1.36	1	A
Endrin ketone	ND		ug/kg	3.11	0.802	1	A
Dieldrin	20.9		ug/kg	1.95	0.973	1	B
4,4'-DDE	9.33		ug/kg	3.11	0.720	1	B
4,4'-DDD	ND		ug/kg	3.11	1.11	1	A
4,4'-DDT	2.57	J	ug/kg	3.11	2.50	1	B
Endosulfan I	ND		ug/kg	3.11	0.736	1	A
Endosulfan II	ND		ug/kg	3.11	1.04	1	A
Endosulfan sulfate	ND		ug/kg	1.30	0.618	1	A
Methoxychlor	ND		ug/kg	5.84	1.82	1	A
Toxaphene	ND		ug/kg	58.4	16.4	1	A
cis-Chlordane	2.82	JIP	ug/kg	3.89	1.08	1	B
trans-Chlordane	2.82	JIP	ug/kg	3.89	1.03	1	A
Chlordane	ND		ug/kg	26.0	10.3	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-29 Date Collected: 05/30/25 13:00

Client ID: SS-06-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-29
Client ID: SS-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 13:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8151A
Analytical Date: 06/04/25 02:07
Analyst: EJL
Percent Solids: 51%
Methylation Date: 06/03/25 15:55

Extraction Method: EPA 8151A
Extraction Date: 06/02/25 13:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	315	19.9	1	A
2,4,5-T	ND		ug/kg	315	9.78	1	A
2,4,5-TP (Silvex)	ND		ug/kg	315	8.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	71		30-150	A
DCAA	70		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-30
Client ID: DUP-03-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 13:10
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8081B
Analytical Date: 06/05/25 14:19
Analyst: EMR
Percent Solids: 65%

Extraction Method: EPA 3546
Extraction Date: 05/31/25 08:50
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.38	0.466	1	A
Lindane	ND		ug/kg	0.991	0.443	1	A
Alpha-BHC	ND		ug/kg	0.991	0.281	1	A
Beta-BHC	ND		ug/kg	2.38	0.902	1	A
Heptachlor	ND		ug/kg	1.19	0.533	1	A
Aldrin	ND		ug/kg	2.38	0.837	1	A
Heptachlor epoxide	4.12	JIP	ug/kg	4.46	1.34	1	A
Endrin	ND		ug/kg	0.991	0.406	1	A
Endrin aldehyde	ND		ug/kg	2.97	1.04	1	A
Endrin ketone	ND		ug/kg	2.38	0.612	1	A
Dieldrin	14.2		ug/kg	1.49	0.743	1	B
4,4'-DDE	6.81		ug/kg	2.38	0.550	1	B
4,4'-DDD	ND		ug/kg	2.38	0.848	1	A
4,4'-DDT	ND	IP	ug/kg	2.38	1.91	1	A
Endosulfan I	ND		ug/kg	2.38	0.562	1	A
Endosulfan II	ND		ug/kg	2.38	0.795	1	A
Endosulfan sulfate	ND		ug/kg	0.991	0.472	1	A
Methoxychlor	ND		ug/kg	4.46	1.39	1	A
Toxaphene	ND		ug/kg	44.6	12.5	1	A
cis-Chlordane	1.84	JIP	ug/kg	2.97	0.828	1	B
trans-Chlordane	2.06	JIP	ug/kg	2.97	0.785	1	A
Chlordane	ND		ug/kg	19.8	7.88	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-30 Date Collected: 05/30/25 13:10

Client ID: DUP-03-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31
Client ID: SW-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 13:30
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/04/25 04:01
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 15:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	0.012	J	ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	0.018	J	ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31 Date Collected: 05/30/25 13:30

Client ID: SW-06-0-0.5 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	116		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	97		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31
Client ID: SW-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 13:30
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/03/25 23:55
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/01/25 07:40

Methylation Date: 06/03/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	64		30-150	A
DCAA	63		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32
Client ID: FB-SED-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 14:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/01/25 14:47
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 15:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32 Date Collected: 05/30/25 14:45

Client ID: FB-SED-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	43		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	37		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32
Client ID: FB-SED-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 14:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/04/25 00:32
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/01/25 07:40

Methylation Date: 06/03/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	69		30-150	A
DCAA	67		30-150	B

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33
Client ID: FB-SW-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 15:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/01/25 14:58
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 15:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33 Date Collected: 05/30/25 15:00

Client ID: FB-SW-250530 Date Received: 05/30/25

Sample Location: 850 DOBBS FERRY RD. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	71		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33
Client ID: FB-SW-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 15:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/04/25 00:51
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/01/25 07:40

Methylation Date: 06/03/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	74		30-150	A
DCAA	71		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/01/25 08:56
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 05/30/25 19:19

Methylation Date: 05/31/25 19:27

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,04,07,10,14,21-24 Batch: WG2073293-1						
2,4-D	ND		ug/kg	163	10.2	A
2,4,5-T	ND		ug/kg	163	5.04	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.32	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	78		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/04/25 13:14
Analyst: DLP

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-03,05-06,08-09,11-12,14-16,21-24 Batch: WG2073310-1						
Delta-BHC	ND		ug/kg	1.55	0.303	A
Lindane	ND		ug/kg	0.644	0.288	A
Alpha-BHC	ND		ug/kg	0.644	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.586	A
Heptachlor	ND		ug/kg	0.773	0.347	A
Aldrin	ND		ug/kg	1.55	0.544	A
Heptachlor epoxide	ND		ug/kg	2.90	0.870	A
Endrin	ND		ug/kg	0.644	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.676	A
Endrin ketone	ND		ug/kg	1.55	0.398	A
Dieldrin	ND		ug/kg	0.966	0.483	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.552	A
4,4'-DDT	ND		ug/kg	1.55	1.24	A
Endosulfan I	ND		ug/kg	1.55	0.365	A
Endosulfan II	ND		ug/kg	1.55	0.517	A
Endosulfan sulfate	ND		ug/kg	0.644	0.307	A
Methoxychlor	ND		ug/kg	2.90	0.902	A
Toxaphene	ND		ug/kg	29.0	8.12	A
cis-Chlordane	ND		ug/kg	1.93	0.539	A
trans-Chlordane	ND		ug/kg	1.93	0.510	A
Chlordane	ND		ug/kg	12.9	5.12	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/04/25 13:14
Analyst: DLP

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-03,05-06,08-09,11-12,14-16,21-24 Batch: WG2073310-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/04/25 03:13
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:59
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,04,07,10 Batch: WG2073311-1						
Delta-BHC	ND		ug/kg	1.54	0.302	A
Lindane	ND		ug/kg	0.644	0.288	A
Alpha-BHC	ND		ug/kg	0.644	0.183	A
Beta-BHC	ND		ug/kg	1.54	0.586	A
Heptachlor	ND		ug/kg	0.772	0.346	A
Aldrin	ND		ug/kg	1.54	0.544	A
Heptachlor epoxide	ND		ug/kg	2.90	0.869	A
Endrin	ND		ug/kg	0.644	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.676	A
Endrin ketone	ND		ug/kg	1.54	0.398	A
Dieldrin	ND		ug/kg	0.965	0.483	A
4,4'-DDE	ND		ug/kg	1.54	0.357	A
4,4'-DDD	ND		ug/kg	1.54	0.551	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.365	A
Endosulfan II	ND		ug/kg	1.54	0.516	A
Endosulfan sulfate	ND		ug/kg	0.644	0.306	A
Methoxychlor	ND		ug/kg	2.90	0.901	A
Toxaphene	ND		ug/kg	29.0	8.11	A
cis-Chlordane	ND		ug/kg	1.93	0.538	A
trans-Chlordane	ND		ug/kg	1.93	0.510	A
Chlordane	ND		ug/kg	12.9	5.12	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/04/25 03:13
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 05/30/25 22:59
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,04,07,10 Batch: WG2073311-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/04/25 13:49
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 05/31/25 07:03
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 29-30 Batch: WG2073364-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.652	0.291	A
Alpha-BHC	ND		ug/kg	0.652	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.593	A
Heptachlor	ND		ug/kg	0.782	0.351	A
Aldrin	ND		ug/kg	1.56	0.551	A
Heptachlor epoxide	ND		ug/kg	2.93	0.880	A
Endrin	ND		ug/kg	0.652	0.267	A
Endrin aldehyde	ND		ug/kg	1.96	0.684	A
Endrin ketone	ND		ug/kg	1.56	0.403	A
Dieldrin	ND		ug/kg	0.978	0.489	A
4,4'-DDE	ND		ug/kg	1.56	0.362	A
4,4'-DDD	ND		ug/kg	1.56	0.558	A
4,4'-DDT	ND		ug/kg	1.56	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.370	A
Endosulfan II	ND		ug/kg	1.56	0.523	A
Endosulfan sulfate	ND		ug/kg	0.652	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.913	A
Toxaphene	ND		ug/kg	29.3	8.21	A
cis-Chlordane	ND		ug/kg	1.96	0.545	A
trans-Chlordane	ND		ug/kg	1.96	0.516	A
Chlordane	ND		ug/kg	13.0	5.18	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/04/25 13:49
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 05/31/25 07:03
Cleanup Method: EPA 3620B
Cleanup Date: 06/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 29-30 Batch: WG2073364-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/01/25 11:29
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 15:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 13,17-20,26-28,31-33 Batch: WG2073469-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/01/25 11:29
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/31/25 15:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 13,17-20,26-28,31-33 Batch: WG2073469-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	76		30-150	A

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/03/25 19:29
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/01/25 07:40

Methylation Date: 06/03/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 13,17-20,26-28,31-33 Batch: WG2073555-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	61		30-150	A
DCAA	59		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/04/25 01:10
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/02/25 12:19

Methylation Date: 06/03/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 29 Batch: WG2073956-1						
2,4-D	ND		ug/kg	167	10.5	A
2,4,5-T	ND		ug/kg	167	5.17	A
2,4,5-TP (Silvex)	ND		ug/kg	167	4.43	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	71		30-150	A
DCAA	68		30-150	B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/13/25 12:00
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 06/11/25 14:43

Methylation Date: 06/12/25 19:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 08,15 Batch: WG2078091-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.08	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	74		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,04,07,10,14,21-24 Batch: WG2073293-2 WG2073293-3									
2,4-D	89		87		30-150	2		30	A
2,4,5-T	83		82		30-150	1		30	A
2,4,5-TP (Silvex)	76		74		30-150	3		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	81		79		30-150	A
DCAA	81		84		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-03,05-06,08-09,11-12,14-16,21-24 Batch: WG2073310-2 WG2073310-3									
Delta-BHC	77		80		30-150	4		30	A
Lindane	79		82		30-150	4		30	A
Alpha-BHC	77		80		30-150	4		30	A
Beta-BHC	73		76		30-150	4		30	A
Heptachlor	78		81		30-150	4		30	A
Aldrin	76		79		30-150	4		30	A
Heptachlor epoxide	63		65		30-150	3		30	A
Endrin	79		81		30-150	3		30	A
Endrin aldehyde	56		57		30-150	2		30	A
Endrin ketone	81		82		30-150	1		30	A
Dieldrin	83		84		30-150	1		30	A
4,4'-DDE	76		77		30-150	1		30	A
4,4'-DDD	81		83		30-150	2		30	A
4,4'-DDT	83		86		30-150	4		30	A
Endosulfan I	76		77		30-150	1		30	A
Endosulfan II	78		80		30-150	3		30	A
Endosulfan sulfate	73		75		30-150	3		30	A
Methoxychlor	74		74		30-150	0		30	A
cis-Chlordane	73		75		30-150	3		30	A
trans-Chlordane	82		84		30-150	2		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-03,05-06,08-09,11-12,14-16,21-24 Batch: WG2073310-2 WG2073310-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		75		30-150	A
Decachlorobiphenyl	63		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		75		30-150	B
Decachlorobiphenyl	64		66		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07,10 Batch: WG2073311-2 WG2073311-3									
Delta-BHC	92		89		30-150	3		30	A
Lindane	92		90		30-150	2		30	A
Alpha-BHC	92		89		30-150	3		30	A
Beta-BHC	85		83		30-150	2		30	A
Heptachlor	92		90		30-150	2		30	A
Aldrin	91		89		30-150	2		30	A
Heptachlor epoxide	75		72		30-150	4		30	A
Endrin	92		90		30-150	2		30	A
Endrin aldehyde	71		70		30-150	1		30	A
Endrin ketone	91		90		30-150	1		30	A
Dieldrin	94		92		30-150	2		30	A
4,4'-DDE	88		86		30-150	2		30	A
4,4'-DDD	95		92		30-150	3		30	A
4,4'-DDT	97		96		30-150	1		30	A
Endosulfan I	87		86		30-150	1		30	A
Endosulfan II	90		88		30-150	2		30	A
Endosulfan sulfate	87		85		30-150	2		30	A
Methoxychlor	84		82		30-150	2		30	A
cis-Chlordane	86		84		30-150	2		30	A
trans-Chlordane	95		93		30-150	2		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07,10 Batch: WG2073311-2 WG2073311-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		80		30-150	A
Decachlorobiphenyl	71		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		81		30-150	B
Decachlorobiphenyl	77		75		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 29-30 Batch: WG2073364-2 WG2073364-3									
Delta-BHC	81		92		30-150	13		30	A
Lindane	82		95		30-150	15		30	A
Alpha-BHC	82		94		30-150	14		30	A
Beta-BHC	77		88		30-150	13		30	A
Heptachlor	82		95		30-150	15		30	A
Aldrin	80		93		30-150	15		30	A
Heptachlor epoxide	63		73		30-150	15		30	A
Endrin	83		95		30-150	13		30	A
Endrin aldehyde	60		70		30-150	15		30	A
Endrin ketone	81		94		30-150	15		30	A
Dieldrin	82		96		30-150	16		30	A
4,4'-DDE	76		88		30-150	15		30	A
4,4'-DDD	82		95		30-150	15		30	A
4,4'-DDT	88		100		30-150	13		30	A
Endosulfan I	77		89		30-150	14		30	A
Endosulfan II	78		91		30-150	15		30	A
Endosulfan sulfate	74		88		30-150	17		30	A
Methoxychlor	75		86		30-150	14		30	A
cis-Chlordane	74		87		30-150	16		30	A
trans-Chlordane	84		98		30-150	15		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 29-30 Batch: WG2073364-2 WG2073364-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		81		30-150	A
Decachlorobiphenyl	63		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		85		30-150	B
Decachlorobiphenyl	70		79		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 13,17-20,26-28,31-33 Batch: WG2073469-2 WG2073469-3									
Delta-BHC	68		68		30-150	1		20	A
Lindane	87		89		30-150	2		20	A
Alpha-BHC	86		87		30-150	1		20	A
Beta-BHC	84		84		30-150	1		20	A
Heptachlor	84		87		30-150	3		20	A
Aldrin	84		85		30-150	1		20	A
Heptachlor epoxide	86		87		30-150	1		20	A
Endrin	88		90		30-150	2		20	A
Endrin aldehyde	75		74		30-150	2		20	A
Endrin ketone	91		91		30-150	1		20	A
Dieldrin	91		92		30-150	1		20	A
4,4'-DDE	84		84		30-150	0		20	A
4,4'-DDD	90		91		30-150	1		20	A
4,4'-DDT	93		93		30-150	0		20	A
Endosulfan I	84		84		30-150	0		20	A
Endosulfan II	87		88		30-150	1		20	A
Endosulfan sulfate	80		79		30-150	0		20	A
Methoxychlor	77		78		30-150	2		20	A
cis-Chlordane	79		80		30-150	1		20	A
trans-Chlordane	90		91		30-150	1		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 13,17-20,26-28,31-33 Batch: WG2073469-2 WG2073469-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		87		30-150	B
Decachlorobiphenyl	82		81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		79		30-150	A
Decachlorobiphenyl	78		76		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 13,17-20,26-28,31-33 Batch: WG2073555-2 WG2073555-3									
2,4-D	85		61		30-150	**33**	Q	25	A
2,4,5-T	96		71		30-150	**30**	Q	25	A
2,4,5-TP (Silvex)	93		68		30-150	**31**	Q	25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	78		51		30-150	A
DCAA	89		59		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 29 Batch: WG2073956-2 WG2073956-3									
2,4-D	73		70		30-150	4		30	A
2,4,5-T	82		78		30-150	5		30	A
2,4,5-TP (Silvex)	77		74		30-150	4		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	74		67		30-150	A
DCAA	79		72		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 08,15 Batch: WG2078091-2 WG2078091-3									
2,4-D	79		84		30-150	6		30	A
2,4,5-T	72		75		30-150	4		30	A
2,4,5-TP (Silvex)	74		77		30-150	4		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	81		82		30-150	A
DCAA	82		85		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 29-30 QC Batch ID: WG2073364-4 WG2073364-5 QC Sample: L2533649-29 Client ID: SS-06-0-0.5													
Delta-BHC	ND	62.6	64.2	102		72.7	114		30-150	12		50	A
Lindane	ND	62.6	54.2	87		58.6	92		30-150	8		50	A
Alpha-BHC	ND	62.6	53.8	86		58.0	91		30-150	8		50	A
Beta-BHC	ND	62.6	52.9	85		59.3	93		30-150	11		50	A
Heptachlor	ND	62.6	55.6	89		59.6	94		30-150	7		50	A
Aldrin	ND	62.6	52.1	83		58.1	92		30-150	11		50	A
Heptachlor epoxide	5.60JIP	62.6	49.9	80		57.9	91		30-150	15		50	A
Endrin	ND	62.6	45.7	73		50.5	80		30-150	10		50	A
Endrin aldehyde	ND	62.6	40.9	65		45.1	71		30-150	10		50	A
Endrin ketone	ND	62.6	50.2	80		59.8	94		30-150	17		50	A
Dieldrin	20.9	62.6	80.0	94		97.3	120		30-150	20		50	B
4,4'-DDE	9.33	62.6	65.1	89		77.8	108		30-150	18		50	B
4,4'-DDD	ND	62.6	52.7	84		61.8	97		30-150	16		50	A
4,4'-DDT	2.57J	62.6	58.5	93		69.4	109		30-150	17		50	B
Endosulfan I	ND	62.6	49.8	80		57.9	91		30-150	15		50	A
Endosulfan II	ND	62.6	47.5	76		54.6	86		30-150	14		50	A
Endosulfan sulfate	ND	62.6	48.1	77		55.0	87		30-150	13		50	A
Methoxychlor	ND	62.6	52.4	84		56.9	90		30-150	8		50	A
cis-Chlordane	2.82JIP	62.6	57.3	92		66.8	105		30-150	15		50	B
trans-Chlordane	2.82JIP	62.6	55.0	88		61.6	97		30-150	11		50	A

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 29-30 QC Batch ID: WG2073364-4 WG2073364-5 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		75		30-150	A
Decachlorobiphenyl	57		59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		83		30-150	B
Decachlorobiphenyl	66		73		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 13,17-20,26-28,31-33 QC Batch ID: WG2073469-4 WG2073469-5 QC Sample: L2533649-26 Client ID: SW-08-0-0.5													
Delta-BHC	ND	0.5	0.340	68		0.344	69		30-150	1		30	A
Lindane	ND	0.5	0.432	86		0.434	87		30-150	0		30	A
Alpha-BHC	ND	0.5	0.423	85		0.426	85		30-150	1		30	A
Beta-BHC	ND	0.5	0.417	83		0.423	85		30-150	1		30	A
Heptachlor	ND	0.5	0.408	82		0.407	81		30-150	0		30	A
Aldrin	ND	0.5	0.396	79		0.400	80		30-150	1		30	A
Heptachlor epoxide	0.012J	0.5	0.450	90		0.451	90		30-150	0		30	B
Endrin	ND	0.5	0.430	86		0.436	87		30-150	1		30	A
Endrin aldehyde	ND	0.5	0.370	74		0.376	75		30-150	2		30	A
Endrin ketone	ND	0.5	0.464	93		0.469	94		30-150	1		30	A
Dieldrin	0.012J	0.5	0.445	89		0.451	90		30-150	1		30	A
4,4'-DDE	ND	0.5	0.392	78		0.401	80		30-150	2		30	A
4,4'-DDD	ND	0.5	0.437	87		0.445	89		30-150	2		30	A
4,4'-DDT	ND	0.5	0.447	89		0.458	92		30-150	2		30	A
Endosulfan I	ND	0.5	0.412	82		0.413	83		30-150	0		30	A
Endosulfan II	ND	0.5	0.423	85		0.431	86		30-150	2		30	A
Endosulfan sulfate	ND	0.5	0.392	78		0.398	80		30-150	2		30	A
Methoxychlor	ND	0.5	0.377	75		0.388	78		30-150	3		30	A
cis-Chlordane	ND	0.5	0.382	76		0.387	77		30-150	1		30	A
trans-Chlordane	ND	0.5	0.431	86		0.434	87		30-150	1		30	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001.009

Lab Number: L2533649

Report Date: 07/02/25

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 13,17-20,26-28,31-33 QC Batch ID: WG2073469-4 WG2073469-5 QC Sample: L2533649-26 Client ID: SW-08-0-0.5												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*	*Column*
2,4,5,6-Tetrachloro-m-xylene	81		82		30-150	B
Decachlorobiphenyl	79		83		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		75		30-150	A
Decachlorobiphenyl	75		78		30-150	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001.009

Lab Number: L2533649

Report Date: 07/02/25

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*	*Column*
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 13,17-20,26-28,31-33 QC Batch ID: WG2073555-4 WG2073555-5 QC Sample: L2533649-26 Client ID: SW-08-0-0.5													
2,4-D	ND	5	3.71J	74		4.07J	81		30-150	9		25	A
2,4,5-T	ND	5	4.22	84		4.41	88		30-150	4		25	A
2,4,5-TP (Silvex)	ND	5	3.87	77		4.11	82		30-150	6		25	A

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*	*Column*
DCAA	67		67		30-150	A
DCAA	73		72		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001.009

Lab Number: L2533649

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 29 QC Batch ID: WG2073956-4 WG2073956-5 QC Sample: L2533649-29 Client ID: SS-06-0-0.5													
2,4-D	ND	321	210J	65		215J	68		30-150	2		30	A
2,4,5-T	ND	321	222J	69		241J	76		30-150	8		30	A
2,4,5-TP (Silvex)	ND	321	205J	64		226J	71		30-150	10		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	67		68		30-150	A
DCAA	70		73		30-150	B

METALS

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-01
Client ID: SS-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 09:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 17%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7210		mg/kg	46.3	15.0	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	23.1	17.8	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Arsenic, Total	10.0		mg/kg	4.63	2.00	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Barium, Total	190		mg/kg	4.63	0.490	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.291	J	mg/kg	2.31	0.254	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Cadmium, Total	1.52	J	mg/kg	4.63	0.254	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Calcium, Total	18900		mg/kg	46.3	26.2	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Chromium, Total	27.6		mg/kg	4.63	3.92	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Cobalt, Total	12.5		mg/kg	9.25	1.15	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Copper, Total	75.6		mg/kg	4.63	1.05	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Iron, Total	28100		mg/kg	23.1	4.86	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Lead, Total	112		mg/kg	23.1	1.10	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Magnesium, Total	7030		mg/kg	46.3	7.54	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Manganese, Total	223		mg/kg	4.63	2.48	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Mercury, Total	5.23		mg/kg	0.384	0.250	1	06/03/25 01:15	06/04/25 17:11	EPA 7471B	1,7471B	CME
Nickel, Total	30.4		mg/kg	11.6	3.74	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Potassium, Total	1200		mg/kg	1160	234.	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Selenium, Total	4.64	J	mg/kg	9.25	1.52	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	2.31	1.38	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	925	490.	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	9.25	4.17	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Vanadium, Total	32.7		mg/kg	4.63	0.699	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM
Zinc, Total	1160		mg/kg	23.1	2.80	2	06/03/25 00:53	06/04/25 13:28	EPA 3050B	1,6010D	EFM

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-02
Client ID: SS-01R-0.5-1
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 10:00
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 16%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2180		mg/kg	47.8	15.5	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	23.9	18.4	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Arsenic, Total	ND		mg/kg	4.78	2.06	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Barium, Total	99.9		mg/kg	4.78	0.506	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Beryllium, Total	ND		mg/kg	2.39	0.263	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Cadmium, Total	1.30	J	mg/kg	4.78	0.263	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Calcium, Total	20800		mg/kg	47.8	27.1	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Chromium, Total	4.18	J	mg/kg	4.78	4.05	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Cobalt, Total	ND		mg/kg	9.56	1.18	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Copper, Total	33.2		mg/kg	4.78	1.08	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Iron, Total	670		mg/kg	23.9	5.02	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Lead, Total	2.48	J	mg/kg	23.9	1.14	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Magnesium, Total	3420		mg/kg	47.8	7.79	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Manganese, Total	69.5		mg/kg	4.78	2.56	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.505	0.329	1	06/03/25 16:05	06/06/25 16:31	EPA 7471B	1,7471B	JWN
Nickel, Total	10.0	J	mg/kg	11.9	3.86	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Potassium, Total	ND		mg/kg	1190	242.	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Selenium, Total	2.93	J	mg/kg	9.56	1.57	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	2.39	1.42	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	956	506.	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	9.56	4.31	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Vanadium, Total	48.6		mg/kg	4.78	0.722	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY
Zinc, Total	7.85	J	mg/kg	23.9	2.90	2	06/03/25 15:27	06/05/25 16:04	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-03
Client ID: SS-01R-1-2
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 10:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 10%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7120		mg/kg	75.3	24.5	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	37.6	29.0	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Arsenic, Total	ND		mg/kg	7.53	3.25	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Barium, Total	106		mg/kg	7.53	0.798	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Beryllium, Total	ND		mg/kg	3.76	0.414	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.631	J	mg/kg	7.53	0.414	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Calcium, Total	8640		mg/kg	75.3	42.7	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Chromium, Total	33.4		mg/kg	7.53	6.39	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Cobalt, Total	6.80	J	mg/kg	15.1	1.87	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Copper, Total	64.7		mg/kg	7.53	1.71	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Iron, Total	12600		mg/kg	37.6	7.91	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Lead, Total	104		mg/kg	37.6	1.79	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Magnesium, Total	5620		mg/kg	75.3	12.3	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Manganese, Total	101		mg/kg	7.53	4.04	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Mercury, Total	1.28		mg/kg	0.780	0.509	1	06/03/25 16:05	06/06/25 16:48	EPA 7471B	1,7471B	JWN
Nickel, Total	24.2		mg/kg	18.8	6.08	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Potassium, Total	855	J	mg/kg	1880	382.	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	15.1	2.48	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	3.76	2.24	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	1510	798.	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	15.1	6.79	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Vanadium, Total	17.0		mg/kg	7.53	1.14	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY
Zinc, Total	222		mg/kg	37.6	4.56	2	06/03/25 15:27	06/05/25 15:25	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-04
Client ID: SS-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 10:30
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 68%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9650		mg/kg	11.7	3.81	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	5.86	4.51	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Arsenic, Total	8.34		mg/kg	1.17	0.506	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Barium, Total	60.7		mg/kg	1.17	0.124	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.534	J	mg/kg	0.586	0.064	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	1.17	0.064	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Calcium, Total	872		mg/kg	11.7	6.64	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Chromium, Total	12.4		mg/kg	1.17	0.993	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Cobalt, Total	4.23		mg/kg	2.34	0.290	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Copper, Total	7.01		mg/kg	1.17	0.266	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Iron, Total	14000		mg/kg	5.86	1.23	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Lead, Total	19.3		mg/kg	5.86	0.279	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Magnesium, Total	1620		mg/kg	11.7	1.91	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Manganese, Total	130		mg/kg	1.17	0.628	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Mercury, Total	0.073	J	mg/kg	0.096	0.063	1	06/03/25 16:05	06/06/25 16:51	EPA 7471B	1,7471B	JWN
Nickel, Total	6.06		mg/kg	2.93	0.946	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Potassium, Total	352		mg/kg	293	59.4	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	2.34	0.385	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.586	0.349	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	234	124.	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	2.34	1.06	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Vanadium, Total	18.6		mg/kg	1.17	0.177	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY
Zinc, Total	29.5		mg/kg	5.86	0.710	2	06/03/25 15:27	06/05/25 15:53	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-05
Client ID: SS-02R-0.5-1
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 10:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6560		mg/kg	10.3	3.34	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	5.13	3.95	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Arsenic, Total	2.47		mg/kg	1.03	0.443	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Barium, Total	61.5		mg/kg	1.03	0.109	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.202	J	mg/kg	0.513	0.056	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.089	J	mg/kg	1.03	0.056	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Calcium, Total	3360		mg/kg	10.3	5.82	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Chromium, Total	19.9		mg/kg	1.03	0.870	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Cobalt, Total	5.66		mg/kg	2.05	0.254	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Copper, Total	26.8		mg/kg	1.03	0.233	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Iron, Total	12800		mg/kg	5.13	1.08	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Lead, Total	7.00		mg/kg	5.13	0.244	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Magnesium, Total	5640		mg/kg	10.3	1.67	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Manganese, Total	162		mg/kg	1.03	0.550	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Mercury, Total	0.077	J	mg/kg	0.084	0.055	1	06/03/25 16:05	06/06/25 16:55	EPA 7471B	1,7471B	JWN
Nickel, Total	16.7		mg/kg	2.56	0.829	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Potassium, Total	1330		mg/kg	256	52.0	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	2.05	0.338	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.513	0.306	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	205	109.	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	2.05	0.926	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Vanadium, Total	18.0		mg/kg	1.03	0.155	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY
Zinc, Total	40.3		mg/kg	5.13	0.622	2	06/03/25 15:27	06/05/25 15:57	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-06
Client ID: SS-02R-1-2
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 10:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5710		mg/kg	10.0	3.25	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	5.00	3.85	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Arsenic, Total	2.09		mg/kg	1.00	0.432	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Barium, Total	63.0		mg/kg	1.00	0.106	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.178	J	mg/kg	0.500	0.055	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.065	J	mg/kg	1.00	0.055	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Calcium, Total	8000		mg/kg	10.0	5.67	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Chromium, Total	14.6		mg/kg	1.00	0.848	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Cobalt, Total	4.55		mg/kg	2.00	0.248	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Copper, Total	27.2		mg/kg	1.00	0.227	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Iron, Total	10500		mg/kg	5.00	1.05	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Lead, Total	5.46		mg/kg	5.00	0.238	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Magnesium, Total	8220		mg/kg	10.0	1.63	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Manganese, Total	136		mg/kg	1.00	0.536	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Mercury, Total	0.076	J	mg/kg	0.083	0.054	1	06/03/25 16:05	06/06/25 17:05	EPA 7471B	1,7471B	JWN
Nickel, Total	12.3		mg/kg	2.50	0.808	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Potassium, Total	1350		mg/kg	250	50.7	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	2.00	0.329	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.500	0.298	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	200	106.	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	2.00	0.902	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Vanadium, Total	16.5		mg/kg	1.00	0.151	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY
Zinc, Total	35.5		mg/kg	5.00	0.606	2	06/03/25 15:27	06/05/25 16:00	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-07
Client ID: SS-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 11:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6440		mg/kg	9.84	3.20	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	4.92	3.79	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Arsenic, Total	3.28		mg/kg	0.984	0.425	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Barium, Total	35.8		mg/kg	0.984	0.104	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.252	J	mg/kg	0.492	0.054	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.086	J	mg/kg	0.984	0.054	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Calcium, Total	1290		mg/kg	9.84	5.58	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Chromium, Total	15.5		mg/kg	0.984	0.834	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Cobalt, Total	5.87		mg/kg	1.97	0.244	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Copper, Total	14.6		mg/kg	0.984	0.223	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Iron, Total	12600		mg/kg	4.92	1.03	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Lead, Total	4.36	J	mg/kg	4.92	0.234	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Magnesium, Total	3840		mg/kg	9.84	1.60	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Manganese, Total	193		mg/kg	0.984	0.527	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.078	0.051	1	06/03/25 16:05	06/06/25 17:08	EPA 7471B	1,7471B	JWN
Nickel, Total	9.34		mg/kg	2.46	0.795	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Potassium, Total	569		mg/kg	246	49.9	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	1.97	0.324	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.492	0.293	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	197	104.	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.97	0.887	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Vanadium, Total	18.2		mg/kg	0.984	0.148	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY
Zinc, Total	28.3		mg/kg	4.92	0.596	2	06/03/25 15:27	06/05/25 16:45	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-08
Client ID: SS-03R-0.5-1
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 11:25
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8760		mg/kg	9.43	3.06	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	4.72	3.63	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Arsenic, Total	2.69		mg/kg	0.943	0.408	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Barium, Total	45.6		mg/kg	0.943	0.100	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.286	J	mg/kg	0.472	0.052	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.096	J	mg/kg	0.943	0.052	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Calcium, Total	2060		mg/kg	9.43	5.35	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Chromium, Total	24.7		mg/kg	0.943	0.800	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Cobalt, Total	7.72		mg/kg	1.89	0.234	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Copper, Total	14.3		mg/kg	0.943	0.214	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Iron, Total	16100		mg/kg	4.72	0.990	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Lead, Total	4.94		mg/kg	4.72	0.224	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Magnesium, Total	6860		mg/kg	9.43	1.54	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Manganese, Total	241		mg/kg	0.943	0.506	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/03/25 16:05	06/06/25 17:11	EPA 7471B	1,7471B	JWN
Nickel, Total	15.4		mg/kg	2.36	0.762	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Potassium, Total	925		mg/kg	236	47.8	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	1.89	0.310	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.472	0.281	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	189	100.	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.89	0.851	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Vanadium, Total	26.3		mg/kg	0.943	0.142	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY
Zinc, Total	41.0		mg/kg	4.72	0.572	2	06/03/25 15:27	06/05/25 16:48	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-09
Client ID: SS-03R-1-2
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 11:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7500		mg/kg	9.36	3.04	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	4.68	3.60	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Arsenic, Total	1.28		mg/kg	0.936	0.404	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Barium, Total	49.1		mg/kg	0.936	0.099	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.301	J	mg/kg	0.468	0.052	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.063	J	mg/kg	0.936	0.052	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Calcium, Total	2480		mg/kg	9.36	5.31	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Chromium, Total	17.9		mg/kg	0.936	0.794	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Cobalt, Total	7.88		mg/kg	1.87	0.232	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Copper, Total	15.6		mg/kg	0.936	0.212	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Iron, Total	13200		mg/kg	4.68	0.983	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Lead, Total	4.80		mg/kg	4.68	0.223	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Magnesium, Total	5450		mg/kg	9.36	1.52	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Manganese, Total	161		mg/kg	0.936	0.502	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.081	0.053	1	06/03/25 16:05	06/06/25 17:15	EPA 7471B	1,7471B	JWN
Nickel, Total	13.1		mg/kg	2.34	0.756	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Potassium, Total	1520		mg/kg	234	47.4	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	1.87	0.308	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.468	0.279	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	187	99.2	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.87	0.844	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Vanadium, Total	20.8		mg/kg	0.936	0.141	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY
Zinc, Total	39.8		mg/kg	4.68	0.567	2	06/03/25 15:27	06/05/25 16:52	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-10
Client ID: SS-04-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 12:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 12%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15000		mg/kg	66.8	21.7	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	33.4	25.7	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Arsenic, Total	28.5		mg/kg	6.68	2.88	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Barium, Total	214		mg/kg	6.68	0.708	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.677	J	mg/kg	3.34	0.367	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Cadmium, Total	1.78	J	mg/kg	6.68	0.367	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Calcium, Total	5500		mg/kg	66.8	37.9	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Chromium, Total	62.2		mg/kg	6.68	5.66	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Cobalt, Total	10.6	J	mg/kg	13.4	1.66	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Copper, Total	121		mg/kg	6.68	1.52	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Iron, Total	23600		mg/kg	33.4	7.01	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Lead, Total	132		mg/kg	33.4	1.59	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Magnesium, Total	6660		mg/kg	66.8	10.9	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Manganese, Total	218		mg/kg	6.68	3.58	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Mercury, Total	1.88		mg/kg	0.604	0.394	1	06/03/25 16:05	06/06/25 17:18	EPA 7471B	1,7471B	JWN
Nickel, Total	26.8		mg/kg	16.7	5.40	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Potassium, Total	1810		mg/kg	1670	338.	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	13.4	2.20	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	3.34	1.99	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	1340	708.	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	13.4	6.02	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Vanadium, Total	34.6		mg/kg	6.68	1.01	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY
Zinc, Total	1170		mg/kg	33.4	4.05	2	06/03/25 15:27	06/05/25 16:55	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-11
Client ID: SS-04-0.5-1
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 12:25
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 19%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11500		mg/kg	41.0	13.3	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	20.5	15.8	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Arsenic, Total	24.5		mg/kg	4.10	1.77	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Barium, Total	146		mg/kg	4.10	0.435	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.502	J	mg/kg	2.05	0.226	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.788	J	mg/kg	4.10	0.226	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Calcium, Total	5900		mg/kg	41.0	23.2	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Chromium, Total	45.6		mg/kg	4.10	3.48	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Cobalt, Total	9.87		mg/kg	8.20	1.02	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Copper, Total	85.4		mg/kg	4.10	0.931	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Iron, Total	19400		mg/kg	20.5	4.30	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Lead, Total	61.9		mg/kg	20.5	0.976	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Magnesium, Total	8630		mg/kg	41.0	6.68	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Manganese, Total	215		mg/kg	4.10	2.20	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Mercury, Total	0.881		mg/kg	0.371	0.242	1	06/03/25 16:05	06/06/25 17:21	EPA 7471B	1,7471B	JWN
Nickel, Total	26.2		mg/kg	10.2	3.31	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Potassium, Total	2120		mg/kg	1020	208.	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	8.20	1.35	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	2.05	1.22	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	820	435.	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	8.20	3.70	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Vanadium, Total	33.8		mg/kg	4.10	0.619	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY
Zinc, Total	307		mg/kg	20.5	2.48	2	06/03/25 15:27	06/05/25 16:59	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-12
Client ID: SS-04-1-2
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 12:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 18%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17700		mg/kg	44.2	14.4	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	22.1	17.0	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Arsenic, Total	37.9		mg/kg	4.42	1.91	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Barium, Total	223		mg/kg	4.42	0.468	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.746	J	mg/kg	2.21	0.243	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Cadmium, Total	1.13	J	mg/kg	4.42	0.243	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Calcium, Total	12500		mg/kg	44.2	25.0	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Chromium, Total	68.1		mg/kg	4.42	3.75	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Cobalt, Total	13.8		mg/kg	8.84	1.10	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Copper, Total	132		mg/kg	4.42	1.00	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Iron, Total	29100		mg/kg	22.1	4.64	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Lead, Total	92.8		mg/kg	22.1	1.05	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Magnesium, Total	15000		mg/kg	44.2	7.20	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Manganese, Total	334		mg/kg	4.42	2.37	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Mercury, Total	0.791		mg/kg	0.449	0.293	1	06/03/25 16:05	06/06/25 17:25	EPA 7471B	1,7471B	JWN
Nickel, Total	34.3		mg/kg	11.0	3.57	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Potassium, Total	3180		mg/kg	1100	224.	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	8.84	1.45	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	2.21	1.32	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	884	468.	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	8.84	3.99	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Vanadium, Total	48.5		mg/kg	4.42	0.667	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY
Zinc, Total	573		mg/kg	22.1	2.68	2	06/03/25 15:27	06/05/25 17:03	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13
Client ID: SW-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water

Date Collected: 05/29/25 12:40
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0476		mg/l	0.0100	0.00327	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00226		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Barium, Total	0.04113		mg/l	0.00050	0.00017	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Calcium, Total	16.1		mg/l	0.100	0.0394	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00032	J	mg/l	0.00100	0.00017	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Copper, Total	0.00153		mg/l	0.00100	0.00038	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Iron, Total	0.180		mg/l	0.0500	0.0191	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Lead, Total	0.00116		mg/l	0.00100	0.00034	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Magnesium, Total	7.14		mg/l	0.0700	0.0242	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Manganese, Total	0.02225		mg/l	0.00100	0.00044	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/04/25 13:00	06/06/25 17:37	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00064	J	mg/l	0.00200	0.00055	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Potassium, Total	2.28		mg/l	0.100	0.0309	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Sodium, Total	4.55		mg/l	0.500	0.0293	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP
Zinc, Total	0.00812	J	mg/l	0.02000	0.00341	1	06/04/25 12:00	06/13/25 19:18	EPA 3005A	1,6020B	WKP

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-14
Client ID: SS-05-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 12:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 11%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18100		mg/kg	72.9	23.7	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	36.5	28.1	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Arsenic, Total	21.7		mg/kg	7.29	3.15	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Barium, Total	265		mg/kg	7.29	0.773	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.753	J	mg/kg	3.65	0.401	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Cadmium, Total	1.43	J	mg/kg	7.29	0.401	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Calcium, Total	12000		mg/kg	72.9	41.4	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Chromium, Total	69.7		mg/kg	7.29	6.18	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Cobalt, Total	14.4	J	mg/kg	14.6	1.81	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Copper, Total	126		mg/kg	7.29	1.66	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Iron, Total	29500		mg/kg	36.5	7.66	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Lead, Total	102		mg/kg	36.5	1.74	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Magnesium, Total	12600		mg/kg	72.9	11.9	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Manganese, Total	327		mg/kg	7.29	3.91	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Mercury, Total	1.40		mg/kg	0.719	0.469	1	06/03/25 16:05	06/06/25 17:28	EPA 7471B	1,7471B	JWN
Nickel, Total	40.2		mg/kg	18.2	5.89	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Potassium, Total	3480		mg/kg	1820	370.	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	14.6	2.40	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	3.65	2.17	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	1460	773.	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	14.6	6.58	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Vanadium, Total	51.2		mg/kg	7.29	1.10	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY
Zinc, Total	2330		mg/kg	36.5	4.42	2	06/03/25 15:27	06/05/25 17:06	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-15
Client ID: SS-05-0.5-1
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 12:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 14%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7940		mg/kg	53.0	17.2	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	26.5	20.4	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Arsenic, Total	12.9		mg/kg	5.30	2.29	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Barium, Total	124		mg/kg	5.30	0.561	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.338	J	mg/kg	2.65	0.291	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.844	J	mg/kg	5.30	0.291	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Calcium, Total	6700		mg/kg	53.0	30.0	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Chromium, Total	34.3		mg/kg	5.30	4.49	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Cobalt, Total	6.60	J	mg/kg	10.6	1.31	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Copper, Total	68.5		mg/kg	5.30	1.20	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Iron, Total	14100		mg/kg	26.5	5.56	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Lead, Total	54.1		mg/kg	26.5	1.26	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Magnesium, Total	5600		mg/kg	53.0	8.63	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Manganese, Total	177		mg/kg	5.30	2.84	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Mercury, Total	1.18		mg/kg	0.509	0.332	1	06/03/25 16:05	06/06/25 17:31	EPA 7471B	1,7471B	JWN
Nickel, Total	18.6		mg/kg	13.2	4.28	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Potassium, Total	1470		mg/kg	1320	268.	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	10.6	1.74	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	2.65	1.58	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	1060	561.	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	10.6	4.78	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Vanadium, Total	24.9		mg/kg	5.30	0.800	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY
Zinc, Total	782		mg/kg	26.5	3.21	2	06/03/25 15:27	06/05/25 17:10	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Lab Number: L2533649
Project Number: CV04.001.009
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-16
Client ID: SS-05-1-2
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 13:05
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 15%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5390		mg/kg	51.2	16.6	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	25.6	19.7	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Arsenic, Total	10.4		mg/kg	5.12	2.21	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Barium, Total	90.6		mg/kg	5.12	0.543	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Beryllium, Total	ND		mg/kg	2.56	0.282	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.608	J	mg/kg	5.12	0.282	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Calcium, Total	5010		mg/kg	51.2	29.1	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Chromium, Total	28.3		mg/kg	5.12	4.35	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Cobalt, Total	4.64	J	mg/kg	10.2	1.27	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Copper, Total	52.5		mg/kg	5.12	1.16	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Iron, Total	10600		mg/kg	25.6	5.38	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Lead, Total	42.8		mg/kg	25.6	1.22	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Magnesium, Total	4050		mg/kg	51.2	8.36	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Manganese, Total	158		mg/kg	5.12	2.75	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Mercury, Total	1.54		mg/kg	0.459	0.299	1	06/03/25 16:05	06/06/25 17:34	EPA 7471B	1,7471B	JWN
Nickel, Total	14.6		mg/kg	12.8	4.14	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Potassium, Total	1080	J	mg/kg	1280	260.	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	10.2	1.69	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	2.56	1.53	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	1020	543.	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	10.2	4.62	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Vanadium, Total	19.3		mg/kg	5.12	0.774	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY
Zinc, Total	290		mg/kg	25.6	3.11	2	06/03/25 15:27	06/05/25 17:13	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17
Client ID: SW-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water

Date Collected: 05/29/25 13:15
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0389		mg/l	0.0100	0.00327	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00216		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Barium, Total	0.04007		mg/l	0.00050	0.00017	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Calcium, Total	15.8		mg/l	0.100	0.0394	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00026	J	mg/l	0.00100	0.00017	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Copper, Total	0.00066	J	mg/l	0.00100	0.00038	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Iron, Total	0.129		mg/l	0.0500	0.0191	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Lead, Total	0.00042	J	mg/l	0.00100	0.00034	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Magnesium, Total	7.02		mg/l	0.0700	0.0242	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Manganese, Total	0.02028		mg/l	0.00100	0.00044	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/04/25 13:00	06/06/25 17:41	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00057	J	mg/l	0.00200	0.00055	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Potassium, Total	2.24		mg/l	0.100	0.0309	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Sodium, Total	4.52		mg/l	0.500	0.0293	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP
Zinc, Total	0.00539	J	mg/l	0.02000	0.00341	1	06/04/25 12:00	06/13/25 19:22	EPA 3005A	1,6020B	WKP

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18
Client ID: SW-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 13:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0544		mg/l	0.0100	0.00327	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00210		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Barium, Total	0.04012		mg/l	0.00050	0.00017	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Calcium, Total	16.0		mg/l	0.100	0.0394	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00028	J	mg/l	0.00100	0.00017	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Copper, Total	0.00064	J	mg/l	0.00100	0.00038	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Iron, Total	0.166		mg/l	0.0500	0.0191	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Lead, Total	0.00048	J	mg/l	0.00100	0.00034	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Magnesium, Total	7.18		mg/l	0.0700	0.0242	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Manganese, Total	0.02151		mg/l	0.00100	0.00044	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/04/25 13:00	06/06/25 17:44	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00059	J	mg/l	0.00200	0.00055	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Potassium, Total	2.25		mg/l	0.100	0.0309	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Sodium, Total	4.52		mg/l	0.500	0.0293	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP
Zinc, Total	0.00642	J	mg/l	0.02000	0.00341	1	06/04/25 12:00	06/13/25 19:27	EPA 3005A	1,6020B	WKP

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19
Client ID: SW-04-4-5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water

Date Collected: 05/29/25 14:00
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0339		mg/l	0.0100	0.00327	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00216		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Barium, Total	0.03871		mg/l	0.00050	0.00017	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Calcium, Total	16.0		mg/l	0.100	0.0394	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00024	J	mg/l	0.00100	0.00017	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Copper, Total	0.00067	J	mg/l	0.00100	0.00038	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Iron, Total	0.132		mg/l	0.0500	0.0191	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Lead, Total	0.00043	J	mg/l	0.00100	0.00034	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Magnesium, Total	7.09		mg/l	0.0700	0.0242	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Manganese, Total	0.02117		mg/l	0.00100	0.00044	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/04/25 13:00	06/06/25 17:47	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00066	J	mg/l	0.00200	0.00055	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Potassium, Total	2.26		mg/l	0.100	0.0309	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Sodium, Total	4.56		mg/l	0.500	0.0293	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP
Zinc, Total	0.01028	J	mg/l	0.02000	0.00341	1	06/04/25 12:00	06/13/25 19:40	EPA 3005A	1,6020B	WKP

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20
Client ID: SW-05-4-5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water

Date Collected: 05/29/25 14:15
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0340		mg/l	0.0100	0.00327	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00209		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Barium, Total	0.03978		mg/l	0.00050	0.00017	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Calcium, Total	16.1		mg/l	0.100	0.0394	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00025	J	mg/l	0.00100	0.00017	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Copper, Total	0.00057	J	mg/l	0.00100	0.00038	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Iron, Total	0.134		mg/l	0.0500	0.0191	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Lead, Total	0.00043	J	mg/l	0.00100	0.00034	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Magnesium, Total	7.02		mg/l	0.0700	0.0242	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Manganese, Total	0.01992		mg/l	0.00100	0.00044	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/04/25 13:00	06/06/25 17:50	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00059	J	mg/l	0.00200	0.00055	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Potassium, Total	2.27		mg/l	0.100	0.0309	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Sodium, Total	4.48		mg/l	0.500	0.0293	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP
Zinc, Total	0.00524	J	mg/l	0.02000	0.00341	1	06/04/25 12:00	06/13/25 19:45	EPA 3005A	1,6020B	WKP

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-21
Client ID: SS-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 16:20
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2930		mg/kg	11.1	3.62	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	5.56	4.28	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Arsenic, Total	3.86		mg/kg	1.11	0.480	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Barium, Total	34.2		mg/kg	1.11	0.118	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.097	J	mg/kg	0.556	0.061	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.109	J	mg/kg	1.11	0.061	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Calcium, Total	1620		mg/kg	11.1	6.31	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Chromium, Total	9.21		mg/kg	1.11	0.943	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Cobalt, Total	2.75		mg/kg	2.22	0.276	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Copper, Total	6.51		mg/kg	1.11	0.252	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Iron, Total	6420		mg/kg	5.56	1.17	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Lead, Total	6.15		mg/kg	5.56	0.265	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Magnesium, Total	1690		mg/kg	11.1	1.81	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Manganese, Total	131		mg/kg	1.11	0.596	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Mercury, Total	0.110		mg/kg	0.103	0.067	1	06/03/25 16:05	06/06/25 17:51	EPA 7471B	1,7471B	JWN
Nickel, Total	6.35		mg/kg	2.78	0.899	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Potassium, Total	762		mg/kg	278	56.4	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	2.22	0.366	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.556	0.331	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	222	118.	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	2.22	1.00	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Vanadium, Total	10.1		mg/kg	1.11	0.168	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY
Zinc, Total	22.0		mg/kg	5.56	0.674	2	06/03/25 15:27	06/05/25 17:17	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-22
Client ID: SS-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2680		mg/kg	10.3	3.36	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	5.17	3.98	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Arsenic, Total	5.55		mg/kg	1.03	0.447	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Barium, Total	27.6		mg/kg	1.03	0.110	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.074	J	mg/kg	0.517	0.057	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.372	J	mg/kg	1.03	0.057	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Calcium, Total	978		mg/kg	10.3	5.87	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Chromium, Total	12.0		mg/kg	1.03	0.878	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Cobalt, Total	1.98	J	mg/kg	2.07	0.257	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Copper, Total	5.24		mg/kg	1.03	0.235	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Iron, Total	8400		mg/kg	5.17	1.09	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Lead, Total	8.86		mg/kg	5.17	0.246	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Magnesium, Total	1200		mg/kg	10.3	1.69	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Manganese, Total	45.3		mg/kg	1.03	0.555	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Mercury, Total	0.207		mg/kg	0.108	0.071	1	06/03/25 16:05	06/06/25 17:55	EPA 7471B	1,7471B	JWN
Nickel, Total	4.24		mg/kg	2.59	0.836	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Potassium, Total	534		mg/kg	259	52.5	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	2.07	0.340	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.517	0.308	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	207	110.	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	2.07	0.934	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Vanadium, Total	12.6		mg/kg	1.03	0.156	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY
Zinc, Total	22.6		mg/kg	5.17	0.627	2	06/03/25 15:27	06/05/25 18:01	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-23
Client ID: DUP-01-250529
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2190		mg/kg	10.6	3.45	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	5.32	4.09	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Arsenic, Total	2.30		mg/kg	1.06	0.459	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Barium, Total	19.8		mg/kg	1.06	0.113	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.066	J	mg/kg	0.532	0.059	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	1.06	0.059	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Calcium, Total	954		mg/kg	10.6	6.03	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Chromium, Total	6.78		mg/kg	1.06	0.901	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Cobalt, Total	1.73	J	mg/kg	2.13	0.264	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Copper, Total	3.57		mg/kg	1.06	0.241	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Iron, Total	4990		mg/kg	5.32	1.12	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Lead, Total	3.91	J	mg/kg	5.32	0.253	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Magnesium, Total	1130		mg/kg	10.6	1.73	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Manganese, Total	50.3		mg/kg	1.06	0.570	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Mercury, Total	0.087	J	mg/kg	0.093	0.061	1	06/03/25 16:05	06/06/25 17:58	EPA 7471B	1,7471B	JWN
Nickel, Total	3.69		mg/kg	2.66	0.859	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Potassium, Total	566		mg/kg	266	53.9	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	2.13	0.350	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.532	0.317	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	213	113.	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	2.13	0.959	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Vanadium, Total	6.92		mg/kg	1.06	0.160	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY
Zinc, Total	15.4		mg/kg	5.32	0.644	2	06/03/25 15:27	06/05/25 18:05	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-24
Client ID: SS-08-0.5-1
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/29/25 17:55
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3700		mg/kg	9.99	3.25	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	5.00	3.85	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Arsenic, Total	8.27		mg/kg	0.999	0.432	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Barium, Total	39.6		mg/kg	0.999	0.106	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.116	J	mg/kg	0.500	0.055	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.067	J	mg/kg	0.999	0.055	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Calcium, Total	783		mg/kg	9.99	5.67	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Chromium, Total	9.53		mg/kg	0.999	0.848	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Cobalt, Total	2.48		mg/kg	2.00	0.248	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Copper, Total	5.59		mg/kg	0.999	0.227	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Iron, Total	6910		mg/kg	5.00	1.05	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Lead, Total	11.3		mg/kg	5.00	0.238	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Magnesium, Total	1460		mg/kg	9.99	1.63	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Manganese, Total	45.1		mg/kg	0.999	0.536	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Mercury, Total	0.227		mg/kg	0.086	0.056	1	06/03/25 16:05	06/06/25 18:01	EPA 7471B	1,7471B	JWN
Nickel, Total	5.62		mg/kg	2.50	0.808	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Potassium, Total	658		mg/kg	250	50.7	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	2.00	0.329	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.500	0.298	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Sodium, Total	ND		mg/kg	200	106.	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	2.00	0.902	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Vanadium, Total	10.2		mg/kg	0.999	0.151	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY
Zinc, Total	22.6		mg/kg	5.00	0.606	2	06/03/25 15:27	06/05/25 18:09	EPA 3050B	1,6010D	CEY

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26
Client ID: SW-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water

Date Collected: 05/30/25 10:45
Date Received: 05/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0952		mg/l	0.0100	0.00327	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00073		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Barium, Total	0.03429		mg/l	0.00050	0.00017	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Calcium, Total	21.1		mg/l	0.100	0.0394	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00082	J	mg/l	0.00100	0.00017	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.00017	J	mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Copper, Total	0.00050	J	mg/l	0.00100	0.00038	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Iron, Total	0.155		mg/l	0.0500	0.0191	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Lead, Total	0.00059	J	mg/l	0.00100	0.00034	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Magnesium, Total	9.04		mg/l	0.0700	0.0242	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Manganese, Total	0.01332		mg/l	0.00100	0.00044	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/04/25 13:00	06/06/25 16:52	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Potassium, Total	1.49		mg/l	0.100	0.0309	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Sodium, Total	8.37		mg/l	0.500	0.0293	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP
Zinc, Total	0.00563	J	mg/l	0.02000	0.00341	1	06/04/25 12:00	06/13/25 18:55	EPA 3005A	1,6020B	WKP

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27
Client ID: SW-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water

Date Collected: 05/30/25 11:45
Date Received: 05/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0487		mg/l	0.0100	0.00327	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00048	J	mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Barium, Total	0.03608		mg/l	0.00050	0.00017	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Calcium, Total	22.4		mg/l	0.100	0.0394	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00094	J	mg/l	0.00100	0.00017	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.00017	J	mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Iron, Total	0.0914		mg/l	0.0500	0.0191	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Magnesium, Total	9.59		mg/l	0.0700	0.0242	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Manganese, Total	0.00940		mg/l	0.00100	0.00044	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/04/25 13:00	06/06/25 17:53	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00059	J	mg/l	0.00200	0.00055	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Potassium, Total	1.56		mg/l	0.100	0.0309	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Sodium, Total	9.00		mg/l	0.500	0.0293	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP
Zinc, Total	0.00587	J	mg/l	0.02000	0.00341	1	06/04/25 12:00	06/13/25 19:49	EPA 3005A	1,6020B	WKP

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28
Client ID: DUP-02-250530
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water

Date Collected: 05/30/25 12:00
Date Received: 05/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0513		mg/l	0.0100	0.00327	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00040	J	mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Barium, Total	0.03676		mg/l	0.00050	0.00017	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Calcium, Total	22.6		mg/l	0.100	0.0394	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00080	J	mg/l	0.00100	0.00017	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Iron, Total	0.0933		mg/l	0.0500	0.0191	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Magnesium, Total	9.63		mg/l	0.0700	0.0242	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Manganese, Total	0.00916		mg/l	0.00100	0.00044	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/04/25 13:00	06/06/25 17:56	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Potassium, Total	1.58		mg/l	0.100	0.0309	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Sodium, Total	9.02		mg/l	0.500	0.0293	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP
Zinc, Total	0.00429	J	mg/l	0.02000	0.00341	1	06/04/25 12:00	06/13/25 19:54	EPA 3005A	1,6020B	WKP

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-29
Client ID: SS-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/30/25 13:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 51%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3420		mg/kg	15.1	4.90	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	7.55	5.81	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Arsenic, Total	5.92		mg/kg	1.51	0.652	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Barium, Total	28.7		mg/kg	1.51	0.160	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.111	J	mg/kg	0.755	0.083	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	1.51	0.083	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Calcium, Total	1290		mg/kg	15.1	8.56	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Chromium, Total	13.2		mg/kg	1.51	1.28	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Cobalt, Total	2.47	J	mg/kg	3.02	0.374	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Copper, Total	6.17		mg/kg	1.51	0.343	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Iron, Total	6090		mg/kg	7.55	1.58	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Lead, Total	10.7		mg/kg	7.55	0.359	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Magnesium, Total	1530		mg/kg	15.1	2.46	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Manganese, Total	87.8		mg/kg	1.51	0.809	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.128	0.084	1	05/31/25 15:56	06/03/25 12:35	EPA 7471B	1,7471B	JWN
Nickel, Total	5.40		mg/kg	3.77	1.22	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Potassium, Total	537		mg/kg	377	76.5	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	3.02	0.496	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.755	0.450	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Sodium, Total	ND		mg/kg	302	160.	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	3.02	1.36	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Vanadium, Total	10.9		mg/kg	1.51	0.228	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL
Zinc, Total	16.5		mg/kg	7.55	0.915	2	05/31/25 14:33	06/01/25 16:05	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-30
Client ID: DUP-03-250530
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/30/25 13:10
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3100		mg/kg	12.1	3.94	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	6.06	4.66	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Arsenic, Total	4.16		mg/kg	1.21	0.523	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Barium, Total	29.3		mg/kg	1.21	0.128	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.107	J	mg/kg	0.606	0.067	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	1.21	0.067	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Calcium, Total	1690		mg/kg	12.1	6.87	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Chromium, Total	13.1		mg/kg	1.21	1.03	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Cobalt, Total	2.26	J	mg/kg	2.42	0.300	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Copper, Total	6.42		mg/kg	1.21	0.275	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Iron, Total	5470		mg/kg	6.06	1.27	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Lead, Total	9.47		mg/kg	6.06	0.288	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Magnesium, Total	1450		mg/kg	12.1	1.97	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Manganese, Total	86.0		mg/kg	1.21	0.649	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.101	0.066	1	05/31/25 15:56	06/03/25 13:41	EPA 7471B	1,7471B	JWN
Nickel, Total	5.08		mg/kg	3.03	0.979	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Potassium, Total	484		mg/kg	303	61.4	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	2.42	0.398	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.606	0.361	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Sodium, Total	ND		mg/kg	242	128.	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	2.42	1.09	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Vanadium, Total	11.0		mg/kg	1.21	0.183	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL
Zinc, Total	15.2		mg/kg	6.06	0.734	2	05/31/25 14:33	06/01/25 16:01	EPA 3050B	1,6010D	DHL

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31
Client ID: SW-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Date Collected: 05/30/25 13:30
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.208		mg/l	0.0100	0.00327	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00053		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Barium, Total	0.03931		mg/l	0.00050	0.00017	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Calcium, Total	27.1		mg/l	0.100	0.0394	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00146		mg/l	0.00100	0.00017	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.00025	J	mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Copper, Total	0.00110		mg/l	0.00100	0.00038	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Iron, Total	0.275		mg/l	0.0500	0.0191	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Lead, Total	0.00141		mg/l	0.00100	0.00034	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Magnesium, Total	11.6		mg/l	0.0700	0.0242	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Manganese, Total	0.01016		mg/l	0.00100	0.00044	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/04/25 13:00	06/06/25 17:59	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00084	J	mg/l	0.00200	0.00055	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Potassium, Total	1.71		mg/l	0.100	0.0309	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Sodium, Total	5.46		mg/l	0.500	0.0293	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP
Zinc, Total	ND		mg/l	0.02000	0.00341	1	06/04/25 12:00	06/13/25 19:58	EPA 3005A	1,6020B	WKP

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32
Client ID: FB-SED-250530
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water

Date Collected: 05/30/25 14:45
Date Received: 05/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00776	J	mg/l	0.0100	0.00327	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Calcium, Total	0.0507	J	mg/l	0.100	0.0394	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/04/25 13:00	06/06/25 18:02	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Sodium, Total	ND		mg/l	0.500	0.0293	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP
Zinc, Total	ND		mg/l	0.02000	0.00341	1	06/04/25 12:00	06/13/25 20:03	EPA 3005A	1,6020B	WKP

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33
Client ID: FB-SW-250530
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water

Date Collected: 05/30/25 15:00
Date Received: 05/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/04/25 13:00	06/06/25 18:16	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Sodium, Total	ND		mg/l	0.500	0.0293	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP
Zinc, Total	ND		mg/l	0.02000	0.00341	1	06/04/25 12:00	06/13/25 20:07	EPA 3005A	1,6020B	WKP

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 29-30 Batch: WG2073427-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	1.54	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.173	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.042	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.022	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.022	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	2.27	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.339	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.099	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.091	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Iron, Total	0.847	J	mg/kg	2.00	0.420	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.095	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.652	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Manganese, Total	1.23		mg/kg	0.400	0.214	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.323	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	20.3	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.132	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.119	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	42.4	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.361	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.060	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.242	1	05/31/25 14:33	06/01/25 15:54	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 29-30 Batch: WG2073431-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/31/25 15:56	06/03/25 12:29	1,7471B	JWN

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2074075-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Antimony, Total	ND		mg/kg	2.00	1.54	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Arsenic, Total	ND		mg/kg	0.400	0.173	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Barium, Total	ND		mg/kg	0.400	0.042	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Beryllium, Total	ND		mg/kg	0.200	0.022	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.400	0.022	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Calcium, Total	ND		mg/kg	4.00	2.27	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Chromium, Total	ND		mg/kg	0.400	0.339	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Cobalt, Total	ND		mg/kg	0.800	0.099	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Copper, Total	ND		mg/kg	0.400	0.091	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Iron, Total	0.454	J	mg/kg	2.00	0.420	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Lead, Total	ND		mg/kg	2.00	0.095	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Magnesium, Total	ND		mg/kg	4.00	0.652	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Manganese, Total	ND		mg/kg	0.400	0.214	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Nickel, Total	ND		mg/kg	1.00	0.323	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Potassium, Total	ND		mg/kg	100	20.3	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Selenium, Total	ND		mg/kg	0.800	0.132	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Silver, Total	ND		mg/kg	0.200	0.119	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Sodium, Total	ND		mg/kg	80.0	42.4	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Thallium, Total	ND		mg/kg	0.800	0.361	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Vanadium, Total	ND		mg/kg	0.400	0.060	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM
Zinc, Total	ND		mg/kg	2.00	0.242	1	06/03/25 00:53	06/04/25 12:31	1,6010D	EFM

Prep Information

Digestion Method: EPA 3050B

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2074076-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/03/25 01:15	06/04/25 16:24	1,7471B	CME

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-12,14-16,21-24 Batch: WG2074417-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Antimony, Total	ND		mg/kg	2.00	1.54	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Arsenic, Total	ND		mg/kg	0.400	0.173	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Barium, Total	ND		mg/kg	0.400	0.042	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Beryllium, Total	ND		mg/kg	0.200	0.022	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Cadmium, Total	ND		mg/kg	0.400	0.022	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Calcium, Total	ND		mg/kg	4.00	2.27	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Chromium, Total	ND		mg/kg	0.400	0.339	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Cobalt, Total	ND		mg/kg	0.800	0.099	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Copper, Total	ND		mg/kg	0.400	0.091	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Iron, Total	0.650	J	mg/kg	2.00	0.420	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Lead, Total	ND		mg/kg	2.00	0.095	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Magnesium, Total	ND		mg/kg	4.00	0.652	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Manganese, Total	ND		mg/kg	0.400	0.214	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Nickel, Total	ND		mg/kg	1.00	0.323	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Potassium, Total	ND		mg/kg	100	20.3	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Selenium, Total	ND		mg/kg	0.800	0.132	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Silver, Total	ND		mg/kg	0.200	0.119	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Sodium, Total	ND		mg/kg	80.0	42.4	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Thallium, Total	ND		mg/kg	0.800	0.361	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Vanadium, Total	ND		mg/kg	0.400	0.060	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY
Zinc, Total	ND		mg/kg	2.00	0.242	1	06/03/25 15:27	06/05/25 15:46	1,6010D	CEY

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-12,14-16,21-24 Batch: WG2074419-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/03/25 16:05	06/06/25 16:25	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 13,17-20,26-28,31-33 Batch: WG2074817-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Sodium, Total	ND		mg/l	0.500	0.0293	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP
Zinc, Total	0.00496	J	mg/l	0.02000	0.00341	1	06/04/25 12:00	06/13/25 18:46	1,6020B	WKP

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 13,17-20,26-28,31-33 Batch: WG2074819-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/04/25 13:00	06/06/25 16:46	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 29-30 Batch: WG2073427-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	105		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	103		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Calcium, Total	105		-		80-120	-		
Chromium, Total	101		-		80-120	-		
Cobalt, Total	102		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	108		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	104		-		80-120	-		
Nickel, Total	103		-		80-120	-		
Potassium, Total	108		-		80-120	-		
Selenium, Total	100		-		80-120	-		
Silver, Total	103		-		80-120	-		
Sodium, Total	106		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	103		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 29-30 Batch: WG2073427-2					
Zinc, Total	103	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 29-30 Batch: WG2073431-2					
Mercury, Total	99	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2074075-2					
Aluminum, Total	107	-	80-120	-	
Antimony, Total	113	-	80-120	-	
Arsenic, Total	104	-	80-120	-	
Barium, Total	106	-	80-120	-	
Beryllium, Total	108	-	80-120	-	
Cadmium, Total	107	-	80-120	-	
Calcium, Total	109	-	80-120	-	
Chromium, Total	109	-	80-120	-	
Cobalt, Total	106	-	80-120	-	
Copper, Total	108	-	80-120	-	
Iron, Total	110	-	80-120	-	
Lead, Total	109	-	80-120	-	
Magnesium, Total	107	-	80-120	-	
Manganese, Total	107	-	80-120	-	
Nickel, Total	108	-	80-120	-	
Potassium, Total	111	-	80-120	-	
Selenium, Total	112	-	80-120	-	
Silver, Total	108	-	80-120	-	
Sodium, Total	110	-	80-120	-	
Thallium, Total	106	-	80-120	-	
Vanadium, Total	111	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2074075-2					
Zinc, Total	107	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2074076-2					
Mercury, Total	91	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-12,14-16,21-24 Batch: WG2074417-2					
Aluminum, Total	88	-	80-120	-	
Antimony, Total	89	-	80-120	-	
Arsenic, Total	84	-	80-120	-	
Barium, Total	88	-	80-120	-	
Beryllium, Total	88	-	80-120	-	
Cadmium, Total	89	-	80-120	-	
Calcium, Total	88	-	80-120	-	
Chromium, Total	88	-	80-120	-	
Cobalt, Total	87	-	80-120	-	
Copper, Total	88	-	80-120	-	
Iron, Total	88	-	80-120	-	
Lead, Total	88	-	80-120	-	
Magnesium, Total	86	-	80-120	-	
Manganese, Total	88	-	80-120	-	
Nickel, Total	88	-	80-120	-	
Potassium, Total	91	-	80-120	-	
Selenium, Total	83	-	80-120	-	
Silver, Total	92	-	80-120	-	
Sodium, Total	91	-	80-120	-	
Thallium, Total	88	-	80-120	-	
Vanadium, Total	89	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-12,14-16,21-24 Batch: WG2074417-2					
Zinc, Total	89	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02-12,14-16,21-24 Batch: WG2074419-2					
Mercury, Total	88	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 Batch: WG2074817-2					
Aluminum, Total	113	-	80-120	-	
Antimony, Total	101	-	80-120	-	
Arsenic, Total	110	-	80-120	-	
Barium, Total	104	-	80-120	-	
Beryllium, Total	110	-	80-120	-	
Cadmium, Total	106	-	80-120	-	
Calcium, Total	120	-	80-120	-	
Chromium, Total	104	-	80-120	-	
Cobalt, Total	108	-	80-120	-	
Copper, Total	106	-	80-120	-	
Iron, Total	107	-	80-120	-	
Lead, Total	105	-	80-120	-	
Magnesium, Total	108	-	80-120	-	
Manganese, Total	108	-	80-120	-	
Nickel, Total	108	-	80-120	-	
Potassium, Total	108	-	80-120	-	
Selenium, Total	102	-	80-120	-	
Silver, Total	107	-	80-120	-	
Sodium, Total	115	-	80-120	-	
Thallium, Total	105	-	80-120	-	
Vanadium, Total	104	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 Batch: WG2074817-2					
Zinc, Total	109	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 Batch: WG2074819-2					
Mercury, Total	95	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 29-30 QC Batch ID: WG2073427-3 WG2073427-4 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												
Aluminum, Total	3420	310	3270	**0**	Q	3900	**156**	Q	75-125	18		20
Antimony, Total	ND	77.4	68.2	88		69.4	90		75-125	2		20
Arsenic, Total	5.92	18.6	23.1	92		23.6	96		75-125	2		20
Barium, Total	28.7	310	346	102		362	108		75-125	5		20
Beryllium, Total	0.111J	7.74	8.34	108		8.68	113		75-125	4		20
Cadmium, Total	ND	8.2	8.56	104		8.78	108		75-125	3		20
Calcium, Total	1290	1550	3310	**130**	Q	2760	96		75-125	18		20
Chromium, Total	13.2	31	43.1	96		45.0	103		75-125	4		20
Cobalt, Total	2.47J	77.4	83.4	108		85.7	111		75-125	3		20
Copper, Total	6.17	38.7	47.7	107		48.0	109		75-125	1		20
Iron, Total	6090	155	4660	**0**	Q	6850	**494**	Q	75-125	**38**	Q	20
Lead, Total	10.7	82	93.1	100		97.3	106		75-125	4		20
Magnesium, Total	1530	1550	2970	93		3240	111		75-125	9		20
Manganese, Total	87.8	77.4	147	76		193	**137**	Q	75-125	**27**	Q	20
Nickel, Total	5.40	77.4	86.1	104		88.9	108		75-125	3		20
Potassium, Total	537	1550	2120	102		2290	114		75-125	8		20
Selenium, Total	ND	18.6	19.7	106		19.8	107		75-125	1		20
Silver, Total	ND	7.74	8.08	104		8.29	108		75-125	3		20
Sodium, Total	ND	1550	1680	108		1720	112		75-125	2		20
Thallium, Total	ND	18.6	18.7	101		19.1	103		75-125	2		20
Vanadium, Total	10.9	77.4	89.5	102		95.0	109		75-125	6		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 29-30 QC Batch ID: WG2073427-3 WG2073427-4 QC Sample: L2533649-29 Client ID: SS-06-0-0.5									
Zinc, Total	16.5	77.4	95.2	102	100	108	75-125	5	20
Total Metals - Mansfield Lab Associated sample(s): 29-30 QC Batch ID: WG2073431-3 WG2073431-4 QC Sample: L2533649-29 Client ID: SS-06-0-0.5									
Mercury, Total	ND	3.14	3.15	100	2.88	96	80-120	9	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2074075-3 QC Sample: L2533598-01 Client ID: MS Sample										
Aluminum, Total	5880	180	5930	**28**	Q	-	-	75-125	-	20
Antimony, Total	ND	45.1	24.5	**54**	Q	-	-	75-125	-	20
Arsenic, Total	2.46	10.8	12.7	95		-	-	75-125	-	20
Barium, Total	28.3	180	210	101		-	-	75-125	-	20
Beryllium, Total	0.229J	4.51	4.81	107		-	-	75-125	-	20
Cadmium, Total	ND	4.78	4.66	98		-	-	75-125	-	20
Calcium, Total	2700	901	2840	**16**	Q	-	-	75-125	-	20
Chromium, Total	11.7	18	28.8	95		-	-	75-125	-	20
Cobalt, Total	5.20	45.1	47.7	94		-	-	75-125	-	20
Copper, Total	16.9	22.5	37.1	90		-	-	75-125	-	20
Iron, Total	12700	90.1	11700	**0**	Q	-	-	75-125	-	20
Lead, Total	6.03	47.8	53.6	100		-	-	75-125	-	20
Magnesium, Total	3230	901	3490	**29**	Q	-	-	75-125	-	20
Manganese, Total	174	45.1	164	**0**	Q	-	-	75-125	-	20
Nickel, Total	11.9	45.1	54.4	94		-	-	75-125	-	20
Potassium, Total	400	901	1210	90		-	-	75-125	-	20
Selenium, Total	ND	10.8	10.3	95		-	-	75-125	-	20
Silver, Total	ND	4.51	4.40	98		-	-	75-125	-	20
Sodium, Total	300	901	1200	100		-	-	75-125	-	20
Thallium, Total	ND	10.8	10.6	98		-	-	75-125	-	20
Vanadium, Total	18.4	45.1	63.9	101		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2074075-3 QC Sample: L2533598-01 Client ID: MS Sample									
Zinc, Total	26.9	45.1	65.6	86	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2074076-3 QC Sample: L2533598-01 Client ID: MS Sample									
Mercury, Total	ND	1.53	1.34	88	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-12,14-16,21-24	QC Batch ID: WG2074417-3			QC Sample: L2533649-02		Client ID: SS-01R-0.5-1				
Aluminum, Total	2180	966	3840	**172**	Q	-	-	75-125	-	20
Antimony, Total	ND	241	189	78		-	-	75-125	-	20
Arsenic, Total	ND	57.9	51.4	89		-	-	75-125	-	20
Barium, Total	99.9	966	994	92		-	-	75-125	-	20
Beryllium, Total	ND	24.1	22.2	92		-	-	75-125	-	20
Cadmium, Total	1.30J	25.6	24.4	95		-	-	75-125	-	20
Calcium, Total	20800	4830	30000	**190**	Q	-	-	75-125	-	20
Chromium, Total	4.18J	96.6	90.2	93		-	-	75-125	-	20
Cobalt, Total	ND	241	213	88		-	-	75-125	-	20
Copper, Total	33.2	121	154	100		-	-	75-125	-	20
Iron, Total	670	483	1120	93		-	-	75-125	-	20
Lead, Total	2.48J	256	233	91		-	-	75-125	-	20
Magnesium, Total	3420	4830	8090	97		-	-	75-125	-	20
Manganese, Total	69.5	241	300	95		-	-	75-125	-	20
Nickel, Total	10.0J	241	224	93		-	-	75-125	-	20
Potassium, Total	ND	4830	4690	97		-	-	75-125	-	20
Selenium, Total	2.93J	57.9	55.5	96		-	-	75-125	-	20
Silver, Total	ND	24.1	22.6	94		-	-	75-125	-	20
Sodium, Total	ND	4830	4660	96		-	-	75-125	-	20
Thallium, Total	ND	57.9	52.2	90		-	-	75-125	-	20
Vanadium, Total	48.6	241	293	101		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-12,14-16,21-24 QC Batch ID: WG2074417-3 QC Sample: L2533649-02 Client ID: SS-01R-0.5-1									
Zinc, Total	7.85J	241	220	91	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 02-12,14-16,21-24 QC Batch ID: WG2074419-3 QC Sample: L2533649-02 Client ID: SS-01R-0.5-1									
Mercury, Total	ND	9.56	8.85	92	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 QC Batch ID: WG2074817-3 WG2074817-4 QC Sample: L2533649-26 Client ID: SW-08-0-0.5											
Aluminum, Total	0.0952	2	2.40	115		2.43	117		75-125	1	20
Antimony, Total	ND	0.5	0.4990	100		0.5132	103		75-125	3	20
Arsenic, Total	0.00073	0.12	0.1326	110		0.1348	112		75-125	2	20
Barium, Total	0.03429	2	2.189	108		2.175	107		75-125	1	20
Beryllium, Total	ND	0.05	0.05609	112		0.05534	111		75-125	1	20
Cadmium, Total	ND	0.053	0.05785	109		0.05710	108		75-125	1	20
Calcium, Total	21.1	10	36.0	**149**	Q	34.7	**136**	Q	75-125	4	20
Chromium, Total	0.00082J	0.2	0.2131	106		0.2149	107		75-125	1	20
Cobalt, Total	0.00017J	0.5	0.5456	109		0.5421	108		75-125	1	20
Copper, Total	0.00050J	0.25	0.2711	108		0.2687	107		75-125	1	20
Iron, Total	0.155	1	1.25	110		1.32	116		75-125	5	20
Lead, Total	0.00059J	0.53	0.5738	108		0.5710	108		75-125	0	20
Magnesium, Total	9.04	10	20.6	116		20.6	116		75-125	0	20
Manganese, Total	0.01332	0.5	0.5647	110		0.5637	110		75-125	0	20
Nickel, Total	ND	0.5	0.5548	111		0.5572	111		75-125	0	20
Potassium, Total	1.49	10	12.7	112		12.9	114		75-125	2	20
Selenium, Total	ND	0.12	0.130	108		0.131	109		75-125	1	20
Silver, Total	ND	0.05	0.05495	110		0.05524	110		75-125	1	20
Sodium, Total	8.37	10	20.0	116		20.1	117		75-125	0	20
Thallium, Total	ND	0.12	0.1316	110		0.1324	110		75-125	1	20
Vanadium, Total	ND	0.5	0.5367	107		0.5330	107		75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 QC Batch ID: WG2074817-3 WG2074817-4 QC Sample: L2533649-26 Client ID: SW-08-0-0.5									
Zinc, Total	0.00563J	0.5	0.5574	111	0.5516	110	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 QC Batch ID: WG2074819-3 WG2074819-4 QC Sample: L2533649-26 Client ID: SW-08-0-0.5									
Mercury, Total	ND	0.005	0.00478	96	0.00477	96	75-125	0	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2074075-4 QC Sample: L2533598-01 Client ID: DUP Sample						
Aluminum, Total	5880	5720	mg/kg	3		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.46	2.06	mg/kg	18		20
Barium, Total	28.3	30.1	mg/kg	6		20
Beryllium, Total	0.229J	0.229J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	2700	2390	mg/kg	12		20
Chromium, Total	11.7	11.0	mg/kg	6		20
Cobalt, Total	5.20	4.81	mg/kg	8		20
Copper, Total	16.9	15.2	mg/kg	11		20
Iron, Total	12700	11800	mg/kg	7		20
Lead, Total	6.03	5.65	mg/kg	7		20
Magnesium, Total	3230	2770	mg/kg	15		20
Manganese, Total	174	132	mg/kg	**27**	Q	20
Nickel, Total	11.9	10.7	mg/kg	11		20
Potassium, Total	400	393	mg/kg	2		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	300	339	mg/kg	12		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001.009

Lab Number: L2533649

Report Date: 07/02/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2074075-4 QC Sample: L2533598-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	18.4	17.3	mg/kg	6	20
Zinc, Total	26.9	24.9	mg/kg	8	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2074076-4 QC Sample: L2533598-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-12,14-16,21-24 QC Batch ID: WG2074417-4 QC Sample: L2533649-02 Client ID: SS-01R-0.5-1					
Aluminum, Total	2180	2260	mg/kg	4	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	ND	ND	mg/kg	NC	20
Barium, Total	99.9	106	mg/kg	6	20
Beryllium, Total	ND	ND	mg/kg	NC	20
Cadmium, Total	1.30J	0.748J	mg/kg	NC	20
Calcium, Total	20800	21500	mg/kg	3	20
Chromium, Total	4.18J	4.08J	mg/kg	NC	20
Cobalt, Total	ND	ND	mg/kg	NC	20
Copper, Total	33.2	33.2	mg/kg	0	20
Iron, Total	670	606	mg/kg	10	20
Lead, Total	2.48J	1.59J	mg/kg	NC	20
Magnesium, Total	3420	3390	mg/kg	1	20
Manganese, Total	69.5	73.8	mg/kg	6	20
Nickel, Total	10.0J	10.1J	mg/kg	NC	20
Potassium, Total	ND	ND	mg/kg	NC	20
Selenium, Total	2.93J	3.55J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	ND	ND	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE

Project Number: CV04.001.009

Lab Number: L2533649

Report Date: 07/02/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-12,14-16,21-24 QC Batch ID: WG2074417-4 QC Sample: L2533649-02 Client ID: SS-01R-0.5-1					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	48.6	51.5	mg/kg	6	20
Zinc, Total	7.85J	4.02J	mg/kg	NC	20
Total Metals - Mansfield Lab Associated sample(s): 02-12,14-16,21-24 QC Batch ID: WG2074419-4 QC Sample: L2533649-02 Client ID: SS-01R-0.5-1					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 29-30 QC Batch ID: WG2073427-6 QC Sample: L2533649-29 Client ID: SS-06-0-0.5						
Aluminum, Total	3420	3440	mg/kg	1		20
Calcium, Total	1290	1310	mg/kg	2		20
Iron, Total	6090	6270	mg/kg	3		20
Magnesium, Total	1530	1560	mg/kg	2		20
Manganese, Total	87.8	89.3	mg/kg	2		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2074075-6 QC Sample: L2533598-01 Client ID: DUP Sample						
Aluminum, Total	5880	6040	mg/kg	3		20
Barium, Total	28.3	29.2	mg/kg	3		20
Calcium, Total	2700	2790	mg/kg	3		20
Iron, Total	12700	13400	mg/kg	6		20
Magnesium, Total	3230	3280	mg/kg	2		20
Manganese, Total	174	180	mg/kg	3		20
Total Metals - Mansfield Lab Associated sample(s): 02-12,14-16,21-24 QC Batch ID: WG2074417-6 QC Sample: L2533649-02 Client ID: SS-01R-0.5-1						
Aluminum, Total	2180	2220	mg/kg	2		20
Calcium, Total	20800	21600	mg/kg	4		20
Iron, Total	670	693	mg/kg	3		20
Magnesium, Total	3420	3470	mg/kg	1		20

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	Serial Dilution	Units	% D	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13,17-20,26-28,31-33 QC Batch ID: WG2074817-6 QC Sample: L2533649-26 Client ID: SW-08-0-0.5					
Barium, Total	0.03429	0.03282	mg/l	4	20
Calcium, Total	21.1	21.1	mg/l	0	20
Magnesium, Total	9.04	9.31	mg/l	3	20

INORGANICS
&
MISCELLANEOUS

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-01
Client ID: SS-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 09:55
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	6.80		%	0.010	0.010	1	-	06/29/25 20:47	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	16.6		%	0.100	NA	1	-	05/31/25 02:50	121,2540G	JMN
Cyanide, Total	ND		mg/kg	6.0	1.3	1	06/03/25 22:00	06/04/25 14:21	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	4.82	0.964	1	06/01/25 06:34	06/02/25 00:58	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-02
Client ID: SS-01R-0.5-1
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 10:00
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	40.2		%	0.010	0.010	1	-	06/29/25 21:20	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	16.4		%	0.100	NA	1	-	05/31/25 02:50	121,2540G	JMN
Chromium, Hexavalent	2.38	J	mg/kg	4.88	0.976	1	06/01/25 06:34	06/02/25 00:58	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-03
Client ID: SS-01R-1-2
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 10:15
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	78.8		%	0.010	0.010	1	-	06/29/25 21:28	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	10.3		%	0.100	NA	1	-	05/31/25 02:50	121,2540G	JMN
Chromium, Hexavalent	ND		mg/kg	7.77	1.55	1	06/01/25 06:34	06/02/25 00:58	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-04
Client ID: SS-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 10:30
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	1.80		%	0.010	0.010	1	-	06/29/25 21:33	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	67.8		%	0.100	NA	1	-	05/31/25 02:50	121,2540G	JMN
Cyanide, Total	ND		mg/kg	1.3	0.29	1	06/03/25 22:00	06/04/25 14:22	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.18	0.236	1	06/01/25 06:34	06/02/25 00:58	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-05
Client ID: SS-02R-0.5-1
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 10:45
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	0.954		%	0.010	0.010	1	-	06/29/25 20:29	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	75.6		%	0.100	NA	1	-	05/31/25 02:50	121,2540G	JMN
Chromium, Hexavalent	ND		mg/kg	1.06	0.212	1	06/01/25 06:34	06/02/25 00:58	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-06
Client ID: SS-02R-1-2
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 10:55
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	2.01		%	0.010	0.010	1	-	06/29/25 21:38	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	77.3		%	0.100	NA	1	-	05/31/25 02:50	121,2540G	JMN
Chromium, Hexavalent	ND		mg/kg	1.03	0.207	1	06/01/25 06:34	06/02/25 00:58	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-07
Client ID: SS-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 11:15
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	0.045		%	0.010	0.010	1	-	06/29/25 21:43	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	80.5		%	0.100	NA	1	-	05/31/25 02:50	121,2540G	JMN
Cyanide, Total	ND		mg/kg	1.2	0.24	1	06/03/25 22:00	06/04/25 14:23	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.994	0.199	1	06/01/25 06:34	06/02/25 00:58	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-08
Client ID: SS-03R-0.5-1
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 11:25
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	0.030		%	0.010	0.010	1	-	06/29/25 21:47	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	05/31/25 02:50	121,2540G	JMN
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/12/25 11:40	06/16/25 17:03	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.952	0.190	1	06/01/25 06:34	06/02/25 00:58	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-09
Client ID: SS-03R-1-2
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 11:35
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	0.060		%	0.010	0.010	1	-	06/29/25 21:52	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	05/31/25 02:50	121,2540G	JMN
Chromium, Hexavalent	ND		mg/kg	0.970	0.194	1	06/03/25 13:20	06/04/25 11:40	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-10
Client ID: SS-04-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 12:15
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	11.1		%	0.010	0.010	1	-	06/29/25 21:57	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	11.6		%	0.100	NA	1	-	05/31/25 02:50	121,2540G	JMN
Cyanide, Total	ND		mg/kg	8.2	1.7	1	06/03/25 22:00	06/04/25 14:24	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	6.90	1.38	1	06/03/25 13:20	06/04/25 11:40	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-11
Client ID: SS-04-0.5-1
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 12:25
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	8.01		%	0.010	0.010	1	-	06/29/25 22:02	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	18.6		%	0.100	NA	1	-	05/31/25 02:50	121,2540G	JMN
Chromium, Hexavalent	ND		mg/kg	4.30	0.860	1	06/03/25 13:20	06/04/25 11:40	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-12
Client ID: SS-04-1-2
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 12:35
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	8.29		%	0.010	0.010	1	-	06/29/25 22:20	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	17.5		%	0.100	NA	1	-	05/31/25 02:50	121,2540G	JMN
Chromium, Hexavalent	ND		mg/kg	4.57	0.914	1	06/03/25 13:20	06/04/25 11:40	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-13
Client ID: SW-01R-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water
Date Collected: 05/29/25 12:40
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/04/25 20:00	06/05/25 11:10	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/30/25 08:50	05/30/25 09:15	1,7196A	DMO

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-14
Client ID: SS-05-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 12:45
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	11.9		%	0.010	0.010	1	-	06/29/25 22:25	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	10.9		%	0.100	NA	1	-	05/31/25 03:37	121,2540G	JMN
Cyanide, Total	ND		mg/kg	8.6	1.8	1	06/03/25 22:00	06/04/25 14:25	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	7.34	1.47	1	06/03/25 13:20	06/04/25 11:40	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-15
Client ID: SS-05-0.5-1
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 12:55
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	22.9		%	0.010	0.010	1	-	06/29/25 22:30	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	14.4		%	0.100	NA	1	-	05/31/25 03:37	121,2540G	JMN
Cyanide, Total	ND		mg/kg	6.5	1.4	1	06/12/25 11:40	06/16/25 17:04	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	5.56	1.11	1	06/03/25 13:20	06/04/25 11:40	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-16
Client ID: SS-05-1-2
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 13:05
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	15.3		%	0.010	0.010	1	-	06/29/25 22:35	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	15.1		%	0.100	NA	1	-	05/31/25 03:37	121,2540G	JMN
Chromium, Hexavalent	ND		mg/kg	5.30	1.06	1	06/03/25 13:20	06/04/25 11:40	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-17
Client ID: SW-02R-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water
Date Collected: 05/29/25 13:15
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/04/25 20:00	06/05/25 11:11	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/30/25 08:50	05/30/25 09:15	1,7196A	DMO

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-18
Client ID: SW-03R-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/29/25 13:45
Date Received: 05/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/04/25 20:00	06/05/25 11:12	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/30/25 08:50	05/30/25 09:16	1,7196A	DMO

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-19
Client ID: SW-04-4-5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water

Date Collected: 05/29/25 14:00
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.012		mg/l	0.005	0.001	1	06/04/25 20:00	06/05/25 11:15	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/30/25 08:50	05/30/25 09:17	1,7196A	DMO

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-20
Client ID: SW-05-4-5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water

Date Collected: 05/29/25 14:15
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	06/04/25 20:00	06/05/25 11:16	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/30/25 08:50	05/30/25 09:17	1,7196A	DMO

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-21
Client ID: SS-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 16:20
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	2.55		%	0.010	0.010	1	-	06/29/25 22:39	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	70.9		%	0.100	NA	1	-	05/31/25 03:37	121,2540G	JMN
Cyanide, Total	ND		mg/kg	1.3	0.28	1	06/03/25 22:00	06/04/25 14:26	1,9010C/9012B	JER
Chromium, Hexavalent	0.282	J	mg/kg	1.13	0.226	1	06/03/25 13:20	06/04/25 11:40	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-22
Client ID: SS-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	1.04		%	0.010	0.010	1	-	06/29/25 22:44	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	76.5		%	0.100	NA	1	-	05/31/25 03:37	121,2540G	JMN
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/03/25 22:00	06/04/25 14:27	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.04	0.209	1	06/03/25 13:20	06/04/25 11:40	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-23
Client ID: DUP-01-250529
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 17:35
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	0.314		%	0.010	0.010	1	-	06/29/25 22:49	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	71.7		%	0.100	NA	1	-	05/31/25 03:37	121,2540G	JMN
Cyanide, Total	ND		mg/kg	1.3	0.28	1	06/03/25 22:00	06/04/25 14:28	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.12	0.223	1	06/03/25 13:20	06/04/25 11:40	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-24
Client ID: SS-08-0.5-1
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/29/25 17:55
Date Received: 05/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	0.331		%	0.010	0.010	1	-	06/29/25 22:54	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	76.2		%	0.100	NA	1	-	05/31/25 03:37	121,2540G	JMN
Cyanide, Total	ND		mg/kg	1.2	0.26	1	06/03/25 22:00	06/04/25 14:29	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.05	0.210	1	06/03/25 13:20	06/04/25 11:49	1,7196A	LOF

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-26
Client ID: SW-08-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water

Date Collected: 05/30/25 10:45
Date Received: 05/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	06/04/25 20:00	06/05/25 11:17	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.050	0.015	5	05/31/25 03:45	05/31/25 04:36	1,7196A	CAR

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-27
Client ID: SW-07-0-0.5
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 11:45
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/04/25 20:00	06/05/25 11:20	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/31/25 03:45	05/31/25 04:36	1,7196A	CAR

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-28
Client ID: DUP-02-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 12:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/04/25 20:00	06/05/25 11:21	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/31/25 03:45	05/31/25 04:36	1,7196A	CAR

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-29
Client ID: SS-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/30/25 13:00
Date Received: 05/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - East Longmeadow Lab										
Total Organic Carbon (Rep1)	1.63		%	0.010	0.010	1	-	06/29/25 20:43	1,9060A(M)	DML
General Chemistry - Westborough Lab										
Solids, Total	51.2		%	0.100	NA	1	-	05/31/25 18:02	121,2540G	HGE
Cyanide, Total	ND		mg/kg	1.9	0.41	1	05/31/25 20:10	06/02/25 16:21	1,9010C/9012B	SRM
Chromium, Hexavalent	ND		mg/kg	1.56	0.312	1	06/01/25 06:34	06/02/25 00:58	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-30
Client ID: DUP-03-250530
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Sediment

Date Collected: 05/30/25 13:10
Date Received: 05/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65.1		%	0.100	NA	1	-	05/31/25 18:02	121,2540G	HGE
Chromium, Hexavalent	ND		mg/kg	1.23	0.246	1	06/01/25 06:34	06/02/25 00:58	1,7196A	DTH

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-31
Client ID: SW-06-0-0.5
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water

Date Collected: 05/30/25 13:30
Date Received: 05/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/04/25 20:00	06/05/25 11:22	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/31/25 03:45	05/31/25 04:37	1,7196A	CAR

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-32
Client ID: FB-SED-250530
Sample Location: 850 DOBBS FERRY RD.
Sample Depth:
Matrix: Water

Date Collected: 05/30/25 14:45
Date Received: 05/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/04/25 20:00	06/05/25 11:23	1,9010C/9012B	JER
Total Organic Carbon	0.11	J	mg/l	0.50	0.09	1	-	06/02/25 00:32	1,9060A	DEW
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/31/25 03:45	05/31/25 04:37	1,7196A	CAR

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2533649-33
Client ID: FB-SW-250530
Sample Location: 850 DOBBS FERRY RD.

Date Collected: 05/30/25 15:00
Date Received: 05/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/06/25 13:45	06/06/25 15:59	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/31/25 03:45	05/31/25 04:37	1,7196A	CAR

Project Name: ELMWOOD PRESERVE **Lab Number:** L2533649

Project Number: CV04.001.009 **Report Date:** 07/02/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 13,17-20 Batch: WG2072953-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/30/25 08:50	05/30/25 09:14	1,7196A	DMO
General Chemistry - Westborough Lab for sample(s): 26-28,31-33 Batch: WG2073341-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/31/25 03:45	05/31/25 04:35	1,7196A	CAR
General Chemistry - Westborough Lab for sample(s): 29 Batch: WG2073482-1										
Cyanide, Total	ND		mg/kg	0.96	0.20	1	05/31/25 20:10	06/02/25 16:00	1,9010C/9012B	SRM
General Chemistry - Westborough Lab for sample(s): 01-08,29-30 Batch: WG2073523-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/01/25 06:34	06/02/25 00:58	1,7196A	DTH
General Chemistry - Westborough Lab for sample(s): 09-12,14-16,21-23 Batch: WG2073542-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/03/25 13:20	06/04/25 11:40	1,7196A	LOF
General Chemistry - Westborough Lab for sample(s): 24 Batch: WG2073543-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/03/25 13:20	06/04/25 11:49	1,7196A	LOF
General Chemistry - Westborough Lab for sample(s): 32 Batch: WG2073735-1										
Total Organic Carbon	ND		mg/l	0.50	0.09	1	-	06/02/25 00:32	1,9060A	DEW
General Chemistry - Westborough Lab for sample(s): 01,04,07,10,14,21-24 Batch: WG2074518-1										
Cyanide, Total	ND		mg/kg	0.95	0.20	1	06/03/25 22:00	06/04/25 14:01	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 13,17-20,26-28,31-32 Batch: WG2075015-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/04/25 20:00	06/05/25 11:06	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 33 Batch: WG2075818-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/06/25 13:45	06/06/25 15:55	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 08,15 Batch: WG2078059-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	06/12/25 11:40	06/16/25 16:59	1,9010C/9012B	JER
Total Organic Carbon - East Longmeadow Lab for sample(s): 01-12,14-16,21-24,29 Batch: WG2083760-1										
Total Organic Carbon (Rep1)	ND		%	0.010	0.010	1	-	06/29/25 20:14	1,9060A(M)	DML

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 13,17-20 Batch: WG2072953-2								
Chromium, Hexavalent	103		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 26-28,31-33 Batch: WG2073341-2								
Chromium, Hexavalent	100		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 29 Batch: WG2073482-2 WG2073482-3								
Cyanide, Total	87		84		80-120	3		35
General Chemistry - Westborough Lab Associated sample(s): 01-08,29-30 Batch: WG2073523-2								
Chromium, Hexavalent	104		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 09-12,14-16,21-23 Batch: WG2073542-2								
Chromium, Hexavalent	116		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 24 Batch: WG2073543-2								
Chromium, Hexavalent	116		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 32 Batch: WG2073735-2								
Total Organic Carbon	97		-		90-110	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	LCS %Recovery		LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,04,07,10,14,21-24 Batch: WG2074518-2 WG2074518-3						
Cyanide, Total	87		92	80-120	5	35
General Chemistry - Westborough Lab Associated sample(s): 13,17-20,26-28,31-32 Batch: WG2075015-2 WG2075015-3						
Cyanide, Total	93		86	85-115	8	20
General Chemistry - Westborough Lab Associated sample(s): 33 Batch: WG2075818-2 WG2075818-3						
Cyanide, Total	95		96	85-115	1	20
General Chemistry - Westborough Lab Associated sample(s): 08,15 Batch: WG2078059-2 WG2078059-3						
Cyanide, Total	**77**	Q	99	80-120	25	35

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 13,17-20 QC Batch ID: WG2072953-4 QC Sample: L2533649-20 Client ID: SW-05-4-5												
Chromium, Hexavalent	ND	0.1	0.102	102		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 26-28,31-33 QC Batch ID: WG2073341-4 WG2073341-5 QC Sample: L2533649-26 Client ID: SW-08-0-0.5												
Chromium, Hexavalent	ND	0.1	0.102	102		0.101	101		85-115	1		20
General Chemistry - Westborough Lab Associated sample(s): 29 QC Batch ID: WG2073482-4 WG2073482-5 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												
Cyanide, Total	ND	19	18	96		17	91		75-125	6		35
General Chemistry - Westborough Lab Associated sample(s): 29 QC Batch ID: WG2073482-6 WG2073482-7 QC Sample: L2531781-09 Client ID: MS Sample												
Cyanide, Total	ND	11	10	89		9.9	89		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 01-08,29-30 QC Batch ID: WG2073523-4 WG2073523-5 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												
Chromium, Hexavalent	ND	2240	1930	86		1930	82		75-125	4		20
General Chemistry - Westborough Lab Associated sample(s): 09-12,14-16,21-23 QC Batch ID: WG2073542-4 QC Sample: L2533649-22 Client ID: SS-08-0-0.5												
Chromium, Hexavalent	ND	1490	1320	88		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 24 QC Batch ID: WG2073543-4 QC Sample: L2533649-24 Client ID: SS-08-0.5-1												
Chromium, Hexavalent	ND	1770	1630	92		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 32 QC Batch ID: WG2073735-4 QC Sample: L2533484-01 Client ID: MS Sample												
Total Organic Carbon	1.4	16	18	102		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 32 QC Batch ID: WG2073735-6 QC Sample: L2533834-01 Client ID: MS Sample												
Total Organic Carbon	15.	80	93	98		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01,04,07,10,14,21-24 QC Batch ID: WG2074518-4 WG2074518-5 QC Sample: L2533593-17 Client ID: MS Sample												
Cyanide, Total	ND	14	10	**71**	Q	8.2	**59**	Q	75-125	19		35
General Chemistry - Westborough Lab Associated sample(s): 01,04,07,10,14,21-24 QC Batch ID: WG2074518-6 WG2074518-7 QC Sample: L2533593-18 Client ID: MS Sample												
Cyanide, Total	ND	11	9.0	84		9.3	85		75-125	1		35
General Chemistry - Westborough Lab Associated sample(s): 13,17-20,26-28,31-32 QC Batch ID: WG2075015-4 WG2075015-5 QC Sample: L2533649-26 Client ID: SW-08-0-0.5												
Cyanide, Total	0.002J	0.2	0.179	90		0.196	98		80-120	9		20
General Chemistry - Westborough Lab Associated sample(s): 33 QC Batch ID: WG2075818-4 WG2075818-5 QC Sample: L2533649-33 Client ID: FB-SW-250530												
Cyanide, Total	ND	0.2	0.207	104		0.208	104		80-120	0		20
General Chemistry - Westborough Lab Associated sample(s): 08,15 QC Batch ID: WG2078059-4 WG2078059-5 QC Sample: L2536299-04 Client ID: MS Sample												
Cyanide, Total	ND	17	17	100		16	94		75-125	6		35
Total Organic Carbon - East Longmeadow Lab Associated sample(s): 01-12,14-16,21-24,29 QC Batch ID: WG2083760-4 QC Sample: L2533649-05 Client ID: SS-02R-0.5-1												
Total Organic Carbon (Rep1)	0.954	1.54	2.91	**127**	Q	-	-		75-125	-		25
Total Organic Carbon - East Longmeadow Lab Associated sample(s): 01-12,14-16,21-24,29 QC Batch ID: WG2083760-5 WG2083760-6 QC Sample: L2533649-29 Client ID: SS-06-0-0.5												
Total Organic Carbon (Rep1)	1.63	1.7	2.78	**68**	Q	3.74	101		75-125	**29**	Q	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 13,17-20 QC Batch ID: WG2072953-3 QC Sample: L2533649-20 Client ID: SW-05-4-5						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG2073335-1 QC Sample: L2533557-05 Client ID: DUP Sample						
Solids, Total	86.6	82.3	%	5		20
General Chemistry - Westborough Lab Associated sample(s): 14-16,21-24 QC Batch ID: WG2073339-1 QC Sample: L2532101-01 Client ID: DUP Sample						
Solids, Total	92.8	93.0	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 26-28,31-33 QC Batch ID: WG2073341-3 QC Sample: L2533649-27 Client ID: SW-07-0-0.5						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 29 QC Batch ID: WG2073482-8 QC Sample: L2531781-09 Client ID: DUP Sample						
Cyanide, Total	ND	ND	mg/kg	NC		35
General Chemistry - Westborough Lab Associated sample(s): 29-30 QC Batch ID: WG2073485-1 QC Sample: L2533649-29 Client ID: SS-06-0-0.5						
Solids, Total	51.2	49.4	%	4		20
General Chemistry - Westborough Lab Associated sample(s): 01-08,29-30 QC Batch ID: WG2073523-7 QC Sample: L2533649-29 Client ID: SS-06-0-0.5						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 09-12,14-16,21-23 QC Batch ID: WG2073542-6 QC Sample: L2533649-22 Client ID: SS-08-0-0.5						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 24 QC Batch ID: WG2073543-6 QC Sample: L2533649-24 Client ID: SS-08-0.5-1					
Chromium, Hexavalent	ND	ND	mg/kg	NC	20
General Chemistry - Westborough Lab Associated sample(s): 32 QC Batch ID: WG2073735-3 QC Sample: L2533484-01 Client ID: DUP Sample					
Total Organic Carbon	1.4	1.3	mg/l	7	20
General Chemistry - Westborough Lab Associated sample(s): 32 QC Batch ID: WG2073735-5 QC Sample: L2533834-01 Client ID: DUP Sample					
Total Organic Carbon	15.	15	mg/l	0	20
Total Organic Carbon - East Longmeadow Lab Associated sample(s): 01-12,14-16,21-24,29 QC Batch ID: WG2083760-3 QC Sample: L2533649-05 Client ID: SS-02R-0.5-1					
Total Organic Carbon (Rep1)	0.954	1.20	%	23	25

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2533649
Project Number:	CV04.001.009	**Report Date:**	07/02/25

S.R.M. Standard Quality Control

Standard Reference Material (SRM): WG2083760-2

Parameter	% Recovery	Qual	QC Criteria
Total Organic Carbon (Rep1)	88		75-125

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent
E	Absent
F	Absent
G	Absent
H	Absent
I	Absent
J	Absent
K	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-01A	5 gram Encore Sampler	F	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-01B	5 gram Encore Sampler	F	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-01C	5 gram Encore Sampler	F	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-01D	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2533649-01E	TOC Only-Glass 60mL/2oz unpreserved	F	NA		2.2	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-01F	Glass 120ml/4oz unpreserved	F	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-01G	Plastic 2oz unpreserved for TS	F	NA		2.2	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-01H	Plastic 2oz unpreserved for TS	F	NA		2.2	Y	Absent		TS(7)
L2533649-01I	Plastic 8oz unpreserved	F	NA		2.2	Y	Absent		A2-NY-1633(90)
L2533649-01J	Glass 500ml/16oz unpreserved	F	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),HEXCR-7196(30)
L2533649-01X	Vial MeOH preserved split	F	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-01Y	Vial Water preserved split	F	NA		2.2	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-01Z	Vial Water preserved split	F	NA		2.2	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-02A	5 gram Encore Sampler	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2533649-02B	5 gram Encore Sampler	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2533649-02C	5 gram Encore Sampler	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2533649-02D	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2533649-02E	TOC Only-Glass 60mL/2oz unpreserved	F	NA		2.2	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-02F	Glass 120ml/4oz unpreserved	F	NA		2.2	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14),HEXCR-7196(30)
L2533649-02G	Plastic 2oz unpreserved for TS	F	NA		2.2	Y	Absent		TS(7)
L2533649-02H	Plastic 2oz unpreserved for TS	F	NA		2.2	Y	Absent		TS(7)
L2533649-02I	Plastic 8oz unpreserved	F	NA		2.2	Y	Absent		HOLD-1633(90)
L2533649-02J	Glass 500ml/16oz unpreserved	F	NA		2.2	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14),HEXCR-7196(30)
L2533649-02X	Vial MeOH preserved split	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2533649-02Y	Vial Water preserved split	F	NA		2.2	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-02Z	Vial Water preserved split	F	NA		2.2	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-03A	5 gram Encore Sampler	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2533649-03B	5 gram Encore Sampler	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2533649-03C	5 gram Encore Sampler	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-03D	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2533649-03E	TOC Only-Glass 60mL/2oz unpreserved	F	NA		2.2	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-03F	Glass 120ml/4oz unpreserved	F	NA		2.2	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14),HEXCR-7196(30)
L2533649-03G	Plastic 2oz unpreserved for TS	F	NA		2.2	Y	Absent		TS(7)
L2533649-03H	Plastic 2oz unpreserved for TS	F	NA		2.2	Y	Absent		TS(7)
L2533649-03I	Plastic 8oz unpreserved	F	NA		2.2	Y	Absent		HOLD-1633(90)
L2533649-03J	Glass 500ml/16oz unpreserved	F	NA		2.2	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14),HEXCR-7196(30)
L2533649-03X	Vial MeOH preserved split	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2533649-03Y	Vial Water preserved split	F	NA		2.2	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-03Z	Vial Water preserved split	F	NA		2.2	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-04A	5 gram Encore Sampler	F	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-04B	5 gram Encore Sampler	F	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-04C	5 gram Encore Sampler	F	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-04D	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2533649-04E	TOC Only-Glass 60mL/2oz unpreserved	F	NA		2.2	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-04F	Glass 120ml/4oz unpreserved	F	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-04G	Plastic 2oz unpreserved for TS	F	NA		2.2	Y	Absent		TS(7)
L2533649-04H	Plastic 2oz unpreserved for TS	F	NA		2.2	Y	Absent		TS(7)
L2533649-04I	Plastic 8oz unpreserved	F	NA		2.2	Y	Absent		A2-NY-1633(90)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-04J	Glass 500ml/16oz unpreserved	F	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),HEXCR-7196(30)
L2533649-04X	Vial MeOH preserved split	F	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-04Y	Vial Water preserved split	F	NA		2.2	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-04Z	Vial Water preserved split	F	NA		2.2	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-05A	5 gram Encore Sampler	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2533649-05B	5 gram Encore Sampler	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2533649-05C	5 gram Encore Sampler	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2533649-05D	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2533649-05E	TOC Only-Glass 60mL/2oz unpreserved	F	NA		2.2	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-05F	Glass 120ml/4oz unpreserved	F	NA		2.2	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HEXCR-7196(30),HOLD-8082(14)
L2533649-05G	Plastic 2oz unpreserved for TS	F	NA		2.2	Y	Absent		TS(7)
L2533649-05H	Plastic 2oz unpreserved for TS	F	NA		2.2	Y	Absent		TS(7)
L2533649-05I	Plastic 8oz unpreserved	F	NA		2.2	Y	Absent		HOLD-1633(90)
L2533649-05J	Glass 500ml/16oz unpreserved	F	NA		2.2	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HEXCR-7196(30),HOLD-8082(14)
L2533649-05X	Vial MeOH preserved split	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2533649-05Y	Vial Water preserved split	F	NA		2.2	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-05Z	Vial Water preserved split	F	NA		2.2	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-06A	5 gram Encore Sampler	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2533649-06B	5 gram Encore Sampler	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2533649-06C	5 gram Encore Sampler	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-06D	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2533649-06E	TOC Only-Glass 60mL/2oz unpreserved	F	NA		2.2	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-06F	Glass 120ml/4oz unpreserved	F	NA		2.2	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14),HEXCR-7196(30)
L2533649-06G	Plastic 2oz unpreserved for TS	F	NA		2.2	Y	Absent		TS(7)
L2533649-06H	Plastic 2oz unpreserved for TS	F	NA		2.2	Y	Absent		TS(7)
L2533649-06I	Plastic 8oz unpreserved	F	NA		2.2	Y	Absent		HOLD-1633(90)
L2533649-06J	Glass 500ml/16oz unpreserved	F	NA		2.2	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14),HEXCR-7196(30)
L2533649-06X	Vial MeOH preserved split	F	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2533649-06Y	Vial Water preserved split	F	NA		2.2	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-06Z	Vial Water preserved split	F	NA		2.2	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-07A	5 gram Encore Sampler	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-07B	5 gram Encore Sampler	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-07C	5 gram Encore Sampler	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-07D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2533649-07E	TOC Only-Glass 60mL/2oz unpreserved	C	NA		3.2	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-07F	Glass 120ml/4oz unpreserved	C	NA		3.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-07G	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Absent		TS(7)
L2533649-07H	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Absent		TS(7)
L2533649-07I	Plastic 8oz unpreserved	C	NA		3.2	Y	Absent		A2-NY-1633(90)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-07J	Glass 500ml/16oz unpreserved	C	NA		3.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),HEXCR-7196(30)
L2533649-07X	Vial MeOH preserved split	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-07Y	Vial Water preserved split	C	NA		3.2	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-07Z	Vial Water preserved split	C	NA		3.2	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-08A	5 gram Encore Sampler	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-08B	5 gram Encore Sampler	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-08C	5 gram Encore Sampler	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-08D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2533649-08E	TOC Only-Glass 60mL/2oz unpreserved	C	NA		3.2	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-08F	Glass 120ml/4oz unpreserved	C	NA		3.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-08G	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Absent		TS(7)
L2533649-08H	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Absent		TS(7)
L2533649-08I	Plastic 8oz unpreserved	C	NA		3.2	Y	Absent		A2-NY-1633(90)
L2533649-08J	Glass 500ml/16oz unpreserved	C	NA		3.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-08X	Vial MeOH preserved split	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-08Y	Vial Water preserved split	C	NA		3.2	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-08Z	Vial Water preserved split	C	NA		3.2	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-09A	5 gram Encore Sampler	C	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2533649-09B	5 gram Encore Sampler	C	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2533649-09C	5 gram Encore Sampler	C	NA		3.2	Y	Absent		HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-09D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2533649-09E	TOC Only-Glass 60mL/2oz unpreserved	C	NA		3.2	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-09F	Glass 120ml/4oz unpreserved	C	NA		3.2	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14),HEXCR-7196(30)
L2533649-09G	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Absent		TS(7)
L2533649-09H	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Absent		TS(7)
L2533649-09I	Plastic 8oz unpreserved	C	NA		3.2	Y	Absent		HOLD-1633(90)
L2533649-09J	Glass 500ml/16oz unpreserved	C	NA		3.2	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14),HEXCR-7196(30)
L2533649-09X	Vial MeOH preserved split	C	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2533649-09Y	Vial Water preserved split	C	NA		3.2	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-09Z	Vial Water preserved split	C	NA		3.2	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-10A	5 gram Encore Sampler	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-10B	5 gram Encore Sampler	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-10C	5 gram Encore Sampler	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-10D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2533649-10E	TOC Only-Glass 60mL/2oz unpreserved	C	NA		3.2	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-10F	Glass 120ml/4oz unpreserved	C	NA		3.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-10G	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Absent		TS(7)
L2533649-10H	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Absent		TS(7)
L2533649-10I	Plastic 8oz unpreserved	C	NA		3.2	Y	Absent		A2-NY-1633(90)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-10J	Glass 500ml/16oz unpreserved	C	NA		3.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HEXCR-7196(30)
L2533649-10X	Vial MeOH preserved split	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2533649-10Y	Vial Water preserved split	C	NA		3.2	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-10Z	Vial Water preserved split	C	NA		3.2	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-11A	5 gram Encore Sampler	C	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2533649-11B	5 gram Encore Sampler	C	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2533649-11C	5 gram Encore Sampler	C	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2533649-11D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2533649-11E	TOC Only-Glass 60mL/2oz unpreserved	C	NA		3.2	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-11F	Glass 120ml/4oz unpreserved	C	NA		3.2	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HEXCR-7196(30),HOLD-8082(14)
L2533649-11G	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Absent		TS(7)
L2533649-11H	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Absent		TS(7)
L2533649-11I	Plastic 8oz unpreserved	C	NA		3.2	Y	Absent		HOLD-1633(90)
L2533649-11J	Glass 500ml/16oz unpreserved	C	NA		3.2	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HEXCR-7196(30),HOLD-8082(14)
L2533649-11X	Vial MeOH preserved split	C	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2533649-11Y	Vial Water preserved split	C	NA		3.2	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-11Z	Vial Water preserved split	C	NA		3.2	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-12A	5 gram Encore Sampler	C	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2533649-12B	5 gram Encore Sampler	C	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2533649-12C	5 gram Encore Sampler	C	NA		3.2	Y	Absent		HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-12D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2533649-12E	TOC Only-Glass 60mL/2oz unpreserved	C	NA		3.2	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-12F	Glass 120ml/4oz unpreserved	C	NA		3.2	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14),HEXCR-7196(30)
L2533649-12G	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Absent		TS(7)
L2533649-12H	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Absent		TS(7)
L2533649-12I	Plastic 8oz unpreserved	C	NA		3.2	Y	Absent		HOLD-1633(90)
L2533649-12J	Glass 500ml/16oz unpreserved	C	NA		3.2	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14),HEXCR-7196(30)
L2533649-12X	Vial MeOH preserved split	C	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2533649-12Y	Vial Water preserved split	C	NA		3.2	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-12Z	Vial Water preserved split	C	NA		3.2	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-13A	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260(14)
L2533649-13B	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260(14)
L2533649-13C	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260(14)
L2533649-13D	Amber 100ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-13E	Amber 100ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-13F	Amber 100ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8081-RVT(7)
L2533649-13G	Amber 100ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8081-RVT(7)
L2533649-13H	Amber 100ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8082-RVT(365)
L2533649-13I	Amber 100ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8082-RVT(365)
L2533649-13J	Plastic 250ml unpreserved	B	7	7	3.5	Y	Absent		HEXCR-7196(1)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-13K	Plastic 250ml HNO3 preserved	B	<2	<2	3.5	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),AG-6020T(180),CO-6020T(180)
L2533649-13L	Plastic 250ml NaOH preserved	B	>12	>12	3.5	Y	Absent		TCN-9010(14)
L2533649-13M	Amber 1L unpreserved	B	7	7	3.5	Y	Absent		HERB-APA(7)
L2533649-13N	Amber 1L unpreserved	B	7	7	3.5	Y	Absent		HERB-APA(7)
L2533649-13O	Plastic 500ml unpreserved	B	NA		3.5	Y	Absent		A2-NY-1633(28)
L2533649-13P	Plastic 500ml unpreserved	B	NA		3.5	Y	Absent		A2-NY-1633(28)
L2533649-14A	5 gram Encore Sampler	E	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2533649-14B	5 gram Encore Sampler	E	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2533649-14C	5 gram Encore Sampler	E	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2533649-14D	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2533649-14E	TOC Only-Glass 60mL/2oz unpreserved	E	NA		3.3	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-14F	Glass 120ml/4oz unpreserved	E	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-14G	Plastic 2oz unpreserved for TS	E	NA		3.3	Y	Absent		TS(7)
L2533649-14H	Plastic 2oz unpreserved for TS	E	NA		3.3	Y	Absent		TS(7)
L2533649-14I	Plastic 8oz unpreserved	E	NA		3.3	Y	Absent		A2-NY-1633(90)
L2533649-14J	Glass 500ml/16oz unpreserved	E	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HEXCR-7196(30)
L2533649-14X	Vial MeOH preserved split	E	NA		3.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-14Y	Vial Water preserved split	E	NA		3.3	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-14Z	Vial Water preserved split	E	NA		3.3	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-15A	5 gram Encore Sampler	E	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2533649-15B	5 gram Encore Sampler	E	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2533649-15C	5 gram Encore Sampler	E	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2533649-15D	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2533649-15E	TOC Only-Glass 60mL/2oz unpreserved	E	NA		3.3	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-15F	Glass 120ml/4oz unpreserved	E	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-15G	Plastic 2oz unpreserved for TS	E	NA		3.3	Y	Absent		TS(7)
L2533649-15H	Plastic 2oz unpreserved for TS	E	NA		3.3	Y	Absent		TS(7)
L2533649-15I	Plastic 8oz unpreserved	E	NA		3.3	Y	Absent		A2-NY-1633(90)
L2533649-15J	Glass 500ml/16oz unpreserved	E	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-15X	Vial MeOH preserved split	E	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2533649-15Y	Vial Water preserved split	E	NA		3.3	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-15Z	Vial Water preserved split	E	NA		3.3	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-16A	5 gram Encore Sampler	E	NA		3.3	Y	Absent		HOLD-8260HLW(14)
L2533649-16B	5 gram Encore Sampler	E	NA		3.3	Y	Absent		HOLD-8260HLW(14)
L2533649-16C	5 gram Encore Sampler	E	NA		3.3	Y	Absent		HOLD-8260HLW(14)
L2533649-16D	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-16E	TOC Only-Glass 60mL/2oz unpreserved	E	NA		3.3	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-16F	Glass 120ml/4oz unpreserved	E	NA		3.3	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14),HEXCR-7196(30)
L2533649-16G	Plastic 2oz unpreserved for TS	E	NA		3.3	Y	Absent		TS(7)
L2533649-16H	Plastic 2oz unpreserved for TS	E	NA		3.3	Y	Absent		TS(7)
L2533649-16I	Plastic 8oz unpreserved	E	NA		3.3	Y	Absent		HOLD-1633(90)
L2533649-16J	Glass 500ml/16oz unpreserved	E	NA		3.3	Y	Absent		HOLD-8151(14),NYTCL-8081(14),HOLD-8270(14),HOLD-8082(14),HEXCR-7196(30)
L2533649-16X	Vial MeOH preserved split	E	NA		3.3	Y	Absent		HOLD-8260HLW(14)
L2533649-16Y	Vial Water preserved split	E	NA		3.3	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-16Z	Vial Water preserved split	E	NA		3.3	Y	Absent	30-MAY-25 11:27	HOLD-8260HLW(14)
L2533649-17A	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260(14)
L2533649-17B	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260(14)
L2533649-17C	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260(14)
L2533649-17D	Amber 100ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-17E	Amber 100ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-17F	Amber 100ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8081-RVT(7)
L2533649-17G	Amber 100ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8081-RVT(7)
L2533649-17H	Amber 100ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8082-RVT(365)
L2533649-17I	Amber 100ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8082-RVT(365)
L2533649-17J	Plastic 250ml unpreserved	B	7	7	3.5	Y	Absent		HEXCR-7196(1)
L2533649-17K	Plastic 250ml HNO3 preserved	B	<2	<2	3.5	Y	Absent		FE-6020T(180),BA-6020T(180),TL-6020T(180),SE-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2533649-17L	Plastic 250ml NaOH preserved	B	>12	>12	3.5	Y	Absent		TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-17M	Amber 1L unpreserved	B	7	7	3.5	Y	Absent		HERB-APA(7)
L2533649-17N	Amber 1L unpreserved	B	7	7	3.5	Y	Absent		HERB-APA(7)
L2533649-17O	Plastic 500ml unpreserved	B	NA		3.5	Y	Absent		A2-NY-1633(28)
L2533649-17P	Plastic 500ml unpreserved	B	NA		3.5	Y	Absent		A2-NY-1633(28)
L2533649-18A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2533649-18B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2533649-18C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2533649-18D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-18E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-18F	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8081-RVT(7)
L2533649-18G	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8081-RVT(7)
L2533649-18H	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-RVT(365)
L2533649-18I	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-RVT(365)
L2533649-18J	Plastic 250ml unpreserved	A	7	7	3.0	Y	Absent		HEXCR-7196(1)
L2533649-18K	Plastic 250ml HNO3 preserved	A	<2	<2	3.0	Y	Absent		BA-6020T(180),FE-6020T(180),TL-6020T(180),SE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2533649-18L	Plastic 250ml NaOH preserved	A	>12	>12	3.0	Y	Absent		TCN-9010(14)
L2533649-18M	Amber 1L unpreserved	A	7	7	3.0	Y	Absent		HERB-APA(7)
L2533649-18N	Amber 1L unpreserved	A	7	7	3.0	Y	Absent		HERB-APA(7)
L2533649-18O	Plastic 500ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-1633(28)
L2533649-18P	Plastic 500ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-1633(28)
L2533649-19A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2533649-19B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-19C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2533649-19D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-19E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-19F	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8081-RVT(7)
L2533649-19G	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8081-RVT(7)
L2533649-19H	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-RVT(365)
L2533649-19I	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-RVT(365)
L2533649-19J	Plastic 250ml unpreserved	A	7	7	3.0	Y	Absent		HEXCR-7196(1)
L2533649-19K	Plastic 250ml HNO3 preserved	A	<2	<2	3.0	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),CD-6020T(180),AL-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2533649-19L	Plastic 250ml NaOH preserved	A	>12	>12	3.0	Y	Absent		TCN-9010(14)
L2533649-19M	Amber 1L unpreserved	A	7	7	3.0	Y	Absent		HERB-APA(7)
L2533649-19N	Amber 1L unpreserved	A	7	7	3.0	Y	Absent		HERB-APA(7)
L2533649-19O	Plastic 500ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-1633(28)
L2533649-19P	Plastic 500ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-1633(28)
L2533649-20A	Vial HCl preserved	E	NA		3.3	Y	Absent		NYTCL-8260(14)
L2533649-20B	Vial HCl preserved	E	NA		3.3	Y	Absent		NYTCL-8260(14)
L2533649-20C	Vial HCl preserved	E	NA		3.3	Y	Absent		NYTCL-8260(14)
L2533649-20D	Amber 100ml unpreserved	E	7	7	3.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-20E	Amber 100ml unpreserved	E	7	7	3.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-20F	Amber 100ml unpreserved	E	7	7	3.3	Y	Absent		NYTCL-8081-RVT(7)
L2533649-20G	Amber 100ml unpreserved	E	7	7	3.3	Y	Absent		NYTCL-8081-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-20H	Amber 100ml unpreserved	E	7	7	3.3	Y	Absent		NYTCL-8082-RVT(365)
L2533649-20I	Amber 100ml unpreserved	E	7	7	3.3	Y	Absent		NYTCL-8082-RVT(365)
L2533649-20J	Plastic 250ml unpreserved	E	7	7	3.3	Y	Absent		HEXCR-7196(1)
L2533649-20K	Plastic 250ml HNO3 preserved	E	<2	<2	3.3	Y	Absent		BA-6020T(180),TL-6020T(180),SE-6020T(180),FE-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2533649-20L	Plastic 250ml NaOH preserved	E	>12	>12	3.3	Y	Absent		TCN-9010(14)
L2533649-20M	Amber 1L unpreserved	E	7	7	3.3	Y	Absent		HERB-APA(7)
L2533649-20N	Amber 1L unpreserved	E	7	7	3.3	Y	Absent		HERB-APA(7)
L2533649-20O	Plastic 500ml unpreserved	E	NA		3.3	Y	Absent		A2-NY-1633(28)
L2533649-20P	Plastic 500ml unpreserved	E	NA		3.3	Y	Absent		A2-NY-1633(28)
L2533649-21A	5 gram Encore Sampler	E	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2533649-21B	5 gram Encore Sampler	E	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2533649-21C	5 gram Encore Sampler	E	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2533649-21D	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2533649-21E	TOC Only-Glass 60mL/2oz unpreserved	E	NA		3.3	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-21F	Glass 120ml/4oz unpreserved	E	NA		3.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-21G	Plastic 2oz unpreserved for TS	E	NA		3.3	Y	Absent		TS(7)
L2533649-21H	Plastic 2oz unpreserved for TS	E	NA		3.3	Y	Absent		TS(7)
L2533649-21I	Plastic 8oz unpreserved	E	NA		3.3	Y	Absent		A2-NY-1633(90)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-21J	Glass 500ml/16oz unpreserved	E	NA		3.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),HEXCR-7196(30)
L2533649-21X	Vial MeOH preserved split	E	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2533649-21Y	Vial Water preserved split	E	NA		3.3	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-21Z	Vial Water preserved split	E	NA		3.3	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-22A	5 gram Encore Sampler	D	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-22B	5 gram Encore Sampler	D	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-22C	5 gram Encore Sampler	D	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-22D	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2533649-22E	TOC Only-Glass 60mL/2oz unpreserved	D	NA		2.1	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-22F	Glass 120ml/4oz unpreserved	D	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-22G	Plastic 2oz unpreserved for TS	D	NA		2.1	Y	Absent		TS(7)
L2533649-22H	Plastic 2oz unpreserved for TS	D	NA		2.1	Y	Absent		TS(7)
L2533649-22I	Plastic 8oz unpreserved	D	NA		2.1	Y	Absent		A2-NY-1633(90)
L2533649-22J	Glass 500ml/16oz unpreserved	D	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HEXCR-7196(30)
L2533649-22X	Vial MeOH preserved split	D	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-22Y	Vial Water preserved split	D	NA		2.1	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-22Z	Vial Water preserved split	D	NA		2.1	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-23A	5 gram Encore Sampler	D	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-23B	5 gram Encore Sampler	D	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-23C	5 gram Encore Sampler	D	NA		2.1	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-23D	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2533649-23E	TOC Only-Glass 60mL/2oz unpreserved	D	NA		2.1	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-23F	Glass 120ml/4oz unpreserved	D	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-23G	Plastic 2oz unpreserved for TS	D	NA		2.1	Y	Absent		TS(7)
L2533649-23H	Plastic 2oz unpreserved for TS	D	NA		2.1	Y	Absent		TS(7)
L2533649-23I	Plastic 8oz unpreserved	D	NA		2.1	Y	Absent		A2-NY-1633(90)
L2533649-23J	Glass 500ml/16oz unpreserved	D	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),HEXCR-7196(30)
L2533649-23X	Vial MeOH preserved split	D	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-23Y	Vial Water preserved split	D	NA		2.1	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-23Z	Vial Water preserved split	D	NA		2.1	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-24A	5 gram Encore Sampler	D	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-24B	5 gram Encore Sampler	D	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-24C	5 gram Encore Sampler	D	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-24D	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2533649-24E	TOC Only-Glass 60mL/2oz unpreserved	D	NA		2.1	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-24F	Glass 120ml/4oz unpreserved	D	NA		2.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-24G	Plastic 2oz unpreserved for TS	D	NA		2.1	Y	Absent		TS(7)
L2533649-24H	Plastic 2oz unpreserved for TS	D	NA		2.1	Y	Absent		TS(7)
L2533649-24I	Plastic 8oz unpreserved	D	NA		2.1	Y	Absent		A2-NY-1633(90)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-24J	Glass 500ml/16oz unpreserved	D	NA		2.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),HEXCR-7196(30)
L2533649-24X	Vial MeOH preserved split	D	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-24Y	Vial Water preserved split	D	NA		2.1	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-24Z	Vial Water preserved split	D	NA		2.1	Y	Absent	30-MAY-25 11:27	NYTCL-8260HLW(14)
L2533649-25A	Vial HCl preserved	D	NA		2.1	Y	Absent		NYTCL-8260(14)
L2533649-25B	Vial HCl preserved	D	NA		2.1	Y	Absent		NYTCL-8260(14)
L2533649-26A	Vial HCl preserved	J	NA		3.3	Y	Absent		NYTCL-8260(14)
L2533649-26A1	Vial HCl preserved	J	NA		3.3	Y	Absent		NYTCL-8260(14)
L2533649-26A2	Vial HCl preserved	J	NA		3.3	Y	Absent		NYTCL-8260(14)
L2533649-26B	Vial HCl preserved	J	NA		3.3	Y	Absent		NYTCL-8260(14)
L2533649-26B1	Vial HCl preserved	J	NA		3.3	Y	Absent		NYTCL-8260(14)
L2533649-26B2	Vial HCl preserved	K	NA		3.0	Y	Absent		NYTCL-8260(14)
L2533649-26C	Vial HCl preserved	J	NA		3.3	Y	Absent		NYTCL-8260(14)
L2533649-26C1	Vial HCl preserved	J	NA		3.3	Y	Absent		NYTCL-8260(14)
L2533649-26C2	Vial HCl preserved	K	NA		3.0	Y	Absent		NYTCL-8260(14)
L2533649-26D	Amber 100ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8082-RVT(365)
L2533649-26D1	Amber 100ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8082-RVT(365)
L2533649-26D2	Amber 100ml unpreserved	K	7	7	3.0	Y	Absent		NYTCL-8082-RVT(365)
L2533649-26E	Amber 100ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8082-RVT(365)
L2533649-26E1	Amber 100ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8082-RVT(365)
L2533649-26E2	Amber 100ml unpreserved	K	7	7	3.0	Y	Absent		NYTCL-8082-RVT(365)
L2533649-26F	Amber 100ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8081-RVT(7)
L2533649-26F1	Amber 100ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8081-RVT(7)
L2533649-26F2	Amber 100ml unpreserved	K	7	7	3.0	Y	Absent		NYTCL-8081-RVT(7)
L2533649-26G	Amber 100ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8081-RVT(7)
L2533649-26G1	Amber 100ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8081-RVT(7)
L2533649-26G2	Amber 100ml unpreserved	K	7	7	3.0	Y	Absent		NYTCL-8081-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-26H	Amber 100ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-26H1	Amber 100ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-26H2	Amber 100ml unpreserved	K	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-26J	Amber 100ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-26J1	Amber 100ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-26J2	Amber 100ml unpreserved	K	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-26K	Plastic 250ml HNO3 preserved	J	<2	<2	3.3	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AG-6020T(180),MG-6020T(180),HG-T(28),CD-6020T(180),AL-6020T(180),CO-6020T(180)
L2533649-26K1	Plastic 250ml HNO3 preserved	J	<2	<2	3.3	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AG-6020T(180),MG-6020T(180),HG-T(28),CD-6020T(180),AL-6020T(180),CO-6020T(180)
L2533649-26K2	Plastic 250ml HNO3 preserved	K	<2	<2	3.0	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AG-6020T(180),MG-6020T(180),HG-T(28),CD-6020T(180),AL-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-26L	Plastic 250ml NaOH preserved	J	>12	>12	3.3	Y	Absent		TCN-9010(14)
L2533649-26L1	Plastic 250ml NaOH preserved	J	>12	>12	3.3	Y	Absent		TCN-9010(14)
L2533649-26L2	Plastic 250ml NaOH preserved	K	>12	>12	3.0	Y	Absent		TCN-9010(14)
L2533649-26M	Plastic 250ml unpreserved	J	7	7	3.3	Y	Absent		HEXCR-7196(1)
L2533649-26M1	Plastic 250ml unpreserved	J	7	7	3.3	Y	Absent		HEXCR-7196(1)
L2533649-26M2	Plastic 250ml unpreserved	K	7	7	3.0	Y	Absent		HEXCR-7196(1)
L2533649-26N	Plastic 500ml unpreserved	J	NA		3.3	Y	Absent		A2-NY-1633(28)
L2533649-26N1	Plastic 500ml unpreserved	J	NA		3.3	Y	Absent		A2-NY-1633(28)
L2533649-26N2	Plastic 500ml unpreserved	K	NA		3.0	Y	Absent		A2-NY-1633(28)
L2533649-26O	Plastic 500ml unpreserved	J	NA		3.3	Y	Absent		A2-NY-1633(28)
L2533649-26O1	Plastic 500ml unpreserved	J	NA		3.3	Y	Absent		A2-NY-1633(28)
L2533649-26O2	Plastic 500ml unpreserved	K	NA		3.0	Y	Absent		A2-NY-1633(28)
L2533649-26P	Amber 1L unpreserved	J	7	7	3.3	Y	Absent		HERB-APA(7)
L2533649-26P1	Amber 1L unpreserved	J	7	7	3.3	Y	Absent		HERB-APA(7)
L2533649-26P2	Amber 1L unpreserved	K	7	7	3.0	Y	Absent		HERB-APA(7)
L2533649-26Q	Amber 1L unpreserved	J	7	7	3.3	Y	Absent		HERB-APA(7)
L2533649-26Q1	Amber 1L unpreserved	J	7	7	3.3	Y	Absent		HERB-APA(7)
L2533649-26Q2	Amber 1L unpreserved	K	7	7	3.0	Y	Absent		HERB-APA(7)
L2533649-27A	Vial HCl preserved	H	NA		2.1	Y	Absent		NYTCL-8260(14)
L2533649-27B	Vial HCl preserved	H	NA		2.1	Y	Absent		NYTCL-8260(14)
L2533649-27C	Vial HCl preserved	H	NA		2.1	Y	Absent		NYTCL-8260(14)
L2533649-27D	Amber 100ml unpreserved	H	7	7	2.1	Y	Absent		NYTCL-8082-RVT(365)
L2533649-27E	Amber 100ml unpreserved	H	7	7	2.1	Y	Absent		NYTCL-8082-RVT(365)
L2533649-27F	Amber 100ml unpreserved	H	7	7	2.1	Y	Absent		NYTCL-8081-RVT(7)
L2533649-27G	Amber 100ml unpreserved	H	7	7	2.1	Y	Absent		NYTCL-8081-RVT(7)
L2533649-27H	Amber 100ml unpreserved	H	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-27J	Amber 100ml unpreserved	H	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-27K	Plastic 250ml HNO3 preserved	H	<2	<2	2.1	Y	Absent		BA-6020T(180),FE-6020T(180),TL-6020T(180),SE-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2533649-27L	Plastic 250ml NaOH preserved	H	>12	>12	2.1	Y	Absent		TCN-9010(14)
L2533649-27M	Plastic 250ml unpreserved	H	NA		2.1	Y	Absent		HEXCR-7196(1)
L2533649-27N	Plastic 500ml unpreserved	H	NA		2.1	Y	Absent		A2-NY-1633(28)
L2533649-27O	Plastic 500ml unpreserved	H	NA		2.1	Y	Absent		A2-NY-1633(28)
L2533649-27P	Amber 1L unpreserved	H	7	7	2.1	Y	Absent		HERB-APA(7)
L2533649-27Q	Amber 1L unpreserved	H	7	7	2.1	Y	Absent		HERB-APA(7)
L2533649-28A	Vial HCl preserved	H	NA		2.1	Y	Absent		NYTCL-8260(14)
L2533649-28B	Vial HCl preserved	H	NA		2.1	Y	Absent		NYTCL-8260(14)
L2533649-28C	Vial HCl preserved	H	NA		2.1	Y	Absent		NYTCL-8260(14)
L2533649-28D	Amber 100ml unpreserved	H	7	7	2.1	Y	Absent		NYTCL-8082-RVT(365)
L2533649-28E	Amber 100ml unpreserved	H	7	7	2.1	Y	Absent		NYTCL-8082-RVT(365)
L2533649-28F	Amber 100ml unpreserved	H	7	7	2.1	Y	Absent		NYTCL-8081-RVT(7)
L2533649-28G	Amber 100ml unpreserved	H	7	7	2.1	Y	Absent		NYTCL-8081-RVT(7)
L2533649-28H	Amber 100ml unpreserved	H	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-28J	Amber 100ml unpreserved	H	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-28K	Plastic 250ml HNO3 preserved	H	<2	<2	2.1	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),MG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2533649-28L	Plastic 250ml NaOH preserved	H	>12	>12	2.1	Y	Absent		TCN-9010(14)
L2533649-28M	Plastic 250ml unpreserved	H	7	7	2.1	Y	Absent		HEXCR-7196(1)
L2533649-28N	Plastic 500ml unpreserved	H	NA		2.1	Y	Absent		A2-NY-1633(28)
L2533649-28O	Plastic 500ml unpreserved	H	NA		2.1	Y	Absent		A2-NY-1633(28)
L2533649-28P	Amber 1L unpreserved	H	7	7	2.1	Y	Absent		HERB-APA(7)
L2533649-28Q	Amber 1L unpreserved	H	7	7	2.1	Y	Absent		HERB-APA(7)
L2533649-29A	5 gram Encore Sampler	I	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-29A1	5 gram Encore Sampler	I	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-29A2	5 gram Encore Sampler	I	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-29B	5 gram Encore Sampler	I	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-29B1	5 gram Encore Sampler	I	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-29B2	5 gram Encore Sampler	I	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-29C	5 gram Encore Sampler	I	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-29C1	5 gram Encore Sampler	I	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-29C2	5 gram Encore Sampler	I	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-29D	Plastic 2oz unpreserved for TS	I	NA		3.1	Y	Absent		TS(7)
L2533649-29D1	Plastic 2oz unpreserved for TS	I	NA		3.1	Y	Absent		TS(7)
L2533649-29D2	Plastic 2oz unpreserved for TS	I	NA		3.1	Y	Absent		TS(7)
L2533649-29E	Plastic 2oz unpreserved for TS	I	NA		3.1	Y	Absent		TS(7)
L2533649-29E1	Plastic 2oz unpreserved for TS	I	NA		3.1	Y	Absent		TS(7)
L2533649-29E2	Plastic 2oz unpreserved for TS	I	NA		3.1	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-29F	Metals Only-Glass 60mL/2oz unpreserved	I	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2533649-29F1	Metals Only-Glass 60mL/2oz unpreserved	I	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2533649-29F2	Metals Only-Glass 60mL/2oz unpreserved	I	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2533649-29G	TOC Only-Glass 60mL/2oz unpreserved	I	NA		3.1	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-29G1	TOC Only-Glass 60mL/2oz unpreserved	I	NA		3.1	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-29G2	TOC Only-Glass 60mL/2oz unpreserved	I	NA		3.1	Y	Absent		A3-GEO-9060-1REP(28)
L2533649-29H	Glass 120ml/4oz unpreserved	I	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-29H1	Glass 120ml/4oz unpreserved	I	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-29H2	Glass 120ml/4oz unpreserved	I	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-29J	Plastic 8oz unpreserved	I	NA		3.1	Y	Absent		A2-NY-1633(90)
L2533649-29J1	Plastic 8oz unpreserved	I	NA		3.1	Y	Absent		A2-NY-1633(90)
L2533649-29J2	Plastic 8oz unpreserved	I	NA		3.1	Y	Absent		A2-NY-1633(90)
L2533649-29K	Glass 500ml/16oz unpreserved	I	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-29K1	Glass 500ml/16oz unpreserved	I	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-29K2	Glass 500ml/16oz unpreserved	I	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2533649-29X	Vial MeOH preserved split	I	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-29X1	Vial MeOH preserved split	I	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-29X2	Vial MeOH preserved split	I	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2533649-29Y	Vial Water preserved split	I	NA		3.1	Y	Absent	31-MAY-25 06:50	NYTCL-8260HLW(14)
L2533649-29Y1	Vial Water preserved split	I	NA		3.1	Y	Absent	31-MAY-25 06:50	NYTCL-8260HLW(14)
L2533649-29Y2	Vial Water preserved split	I	NA		3.1	Y	Absent	31-MAY-25 06:50	NYTCL-8260HLW(14)
L2533649-29Z	Vial Water preserved split	I	NA		3.1	Y	Absent	31-MAY-25 06:50	NYTCL-8260HLW(14)
L2533649-29Z1	Vial Water preserved split	I	NA		3.1	Y	Absent	31-MAY-25 06:50	NYTCL-8260HLW(14)
L2533649-29Z2	Vial Water preserved split	I	NA		3.1	Y	Absent	31-MAY-25 06:50	NYTCL-8260HLW(14)
L2533649-30A	5 gram Encore Sampler	I	NA		3.1	Y	Absent		HOLD-8260HLW(14)
L2533649-30B	5 gram Encore Sampler	I	NA		3.1	Y	Absent		HOLD-8260HLW(14)
L2533649-30C	5 gram Encore Sampler	I	NA		3.1	Y	Absent		HOLD-8260HLW(14)
L2533649-30D	Plastic 2oz unpreserved for TS	I	NA		3.1	Y	Absent		TS(7)
L2533649-30E	Plastic 2oz unpreserved for TS	I	NA		3.1	Y	Absent		TS(7)
L2533649-30F	Metals Only-Glass 60mL/2oz unpreserved	I	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2533649-30G	Glass 60mL/2oz unpreserved	I	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-TOC(),NYTCL-8081(14),HOLD-8270(14),HEXCR-7196(30),HOLD-8082(14)
L2533649-30H	Glass 120ml/4oz unpreserved	I	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-TOC(),NYTCL-8081(14),HOLD-8270(14),HEXCR-7196(30),HOLD-8082(14)
L2533649-30J	Plastic 8oz unpreserved	I	NA		3.1	Y	Absent		HOLD-1633(90)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-30K	Glass 500ml/16oz unpreserved	I	NA		3.1	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-TOC(),NYTCL-8081(14),HOLD-8270(14),HEXCR-7196(30),HOLD-8082(14)
L2533649-30X	Vial MeOH preserved split	I	NA		3.1	Y	Absent		HOLD-8260HLW(14)
L2533649-30Y	Vial Water preserved split	I	NA		3.1	Y	Absent	31-MAY-25 06:50	HOLD-8260HLW(14)
L2533649-30Z	Vial Water preserved split	I	NA		3.1	Y	Absent	31-MAY-25 06:50	HOLD-8260HLW(14)
L2533649-31A	Vial HCl preserved	K	NA		3.0	Y	Absent		NYTCL-8260(14)
L2533649-31B	Vial HCl preserved	K	NA		3.0	Y	Absent		NYTCL-8260(14)
L2533649-31C	Vial HCl preserved	K	NA		3.0	Y	Absent		NYTCL-8260(14)
L2533649-31D	Amber 100ml unpreserved	K	7	7	3.0	Y	Absent		NYTCL-8082-RVT(365)
L2533649-31E	Amber 100ml unpreserved	K	7	7	3.0	Y	Absent		NYTCL-8082-RVT(365)
L2533649-31F	Amber 100ml unpreserved	K	7	7	3.0	Y	Absent		NYTCL-8081-RVT(7)
L2533649-31G	Amber 100ml unpreserved	K	7	7	3.0	Y	Absent		NYTCL-8081-RVT(7)
L2533649-31H	Amber 100ml unpreserved	K	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-31J	Amber 100ml unpreserved	K	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-31K	Plastic 250ml HNO3 preserved	K	<2	<2	3.0	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2533649-31L	Plastic 250ml NaOH preserved	K	>12	>12	3.0	Y	Absent		TCN-9010(14)
L2533649-31M	Plastic 250ml unpreserved	K	7	7	3.0	Y	Absent		HEXCR-7196(1)
L2533649-31N	Plastic 500ml unpreserved	K	NA		3.0	Y	Absent		A2-NY-1633(28)
L2533649-31O	Plastic 500ml unpreserved	K	NA		3.0	Y	Absent		A2-NY-1633(28)
L2533649-31P	Amber 1L unpreserved	K	7	7	3.0	Y	Absent		HERB-APA(7)
L2533649-31Q	Amber 1L unpreserved	K	7	7	3.0	Y	Absent		HERB-APA(7)
L2533649-32A	Vial HCl preserved	G	NA		2.9	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-32B	Vial HCl preserved	G	NA		2.9	Y	Absent		NYTCL-8260(14)
L2533649-32C	Vial HCl preserved	G	NA		2.9	Y	Absent		NYTCL-8260(14)
L2533649-32D	Vial H2SO4 preserved	G	NA		2.9	Y	Absent		TOC-9060(28)
L2533649-32E	Vial H2SO4 preserved	G	NA		2.9	Y	Absent		TOC-9060(28)
L2533649-32F	Vial H2SO4 preserved	G	NA		2.9	Y	Absent		TOC-9060(28)
L2533649-32G	Amber 100ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8082-RVT(365)
L2533649-32H	Amber 100ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8082-RVT(365)
L2533649-32J	Amber 100ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8081-RVT(7)
L2533649-32K	Amber 100ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8081-RVT(7)
L2533649-32L	Amber 100ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-32M	Amber 100ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-32N	Plastic 250ml HNO3 preserved	G	<2	<2	2.9	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2533649-32O	Plastic 250ml NaOH preserved	G	>12	>12	2.9	Y	Absent		TCN-9010(14)
L2533649-32P	Plastic 250ml unpreserved	G	NA		2.9	Y	Absent		HEXCR-7196(1)
L2533649-32Q	Plastic 500ml unpreserved	G	NA		2.9	Y	Absent		A2-NY-1633(28)
L2533649-32R	Amber 1L unpreserved	G	7	7	2.9	Y	Absent		HERB-APA(7)
L2533649-32S	Amber 1L unpreserved	G	7	7	2.9	Y	Absent		HERB-APA(7)
L2533649-33A	Vial HCl preserved	G	NA		2.9	Y	Absent		NYTCL-8260(14)
L2533649-33B	Vial HCl preserved	G	NA		2.9	Y	Absent		NYTCL-8260(14)
L2533649-33C	Vial HCl preserved	G	NA		2.9	Y	Absent		NYTCL-8260(14)
L2533649-33D	Amber 100ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8082-RVT(365)
L2533649-33E	Amber 100ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8082-RVT(365)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533649-33F	Amber 100ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8081-RVT(7)
L2533649-33G	Amber 100ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8081-RVT(7)
L2533649-33H	Amber 100ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-33J	Amber 100ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2533649-33K	Plastic 250ml HNO3 preserved	G	<2	<2	2.9	Y	Absent		SE-6020T(180),TL-6020T(180),FE-6020T(180),BA-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AG-6020T(180),AL-6020T(180),MG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2533649-33L	Plastic 250ml NaOH preserved	G	>12	>12	2.9	Y	Absent		TCN-9010(14)
L2533649-33M	Plastic 250ml unpreserved	G	7	7	2.9	Y	Absent		HEXCR-7196(1)
L2533649-33N	Plastic 500ml unpreserved	G	NA		2.9	Y	Absent		A2-NY-1633(28)
L2533649-33O	Amber 1L unpreserved	G	7	7	2.9	Y	Absent		HERB-APA(7)
L2533649-33P	Amber 1L unpreserved	G	7	7	2.9	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009

Lab Number: L2533649
Report Date: 07/02/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2533649
Project Number:	CV04.001.009	**Report Date:**	07/02/25

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2533649
Project Number:	CV04.001.009	**Report Date:**	07/02/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ELMWOOD PRESERVE	**Lab Number:**	L2533649
Project Number:	CV04.001.009	**Report Date:**	07/02/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: ELMWOOD PRESERVE
Project Number: CV04.001.009
Lab Number: L2533649
Report Date: 07/02/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab 5/30/25

L2533649 TERRAPHASE

Client Information
Client: Terraphase Engineering
Address: 1100 E. Hector St. Ste 401
Conshohocken PA 19428
Phone: 201-552-0224
Fax:
Email: nicholas.krasnecky@terraphase.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Rd.
Project # CV04.001.009
(Use Project name as Project #)
Project Manager: Nick Krasnecky
PACE Quote #: 29992

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:
Please send Equis EDD to EDD@terraphase.com *Keep SDG open*
NYS Analytical Services Protocol & cat. B
Please specify Metals or TAL.

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other see notes

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☑ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	TAL Metals	Chromium VI	Mercury	TCL PCBs	TCL Pests	TCL Herbs	PFAS	Total cyanide	Total organic carbon	Total Bottle
33649-01	SS-01R-0-0.5	5/29/25	955	SE	EEJ	X	X	X	X	X	X	X	X	X	X	X	
02	SS-01R-0.5-1		1000	SE		H	X	X	H	X	H	X	H	H	H	X	
03	SS-01R-1-2		1015	SE		H	X	X	H	X	H	X	H	H	H	X	
04	SS-02R-0-0.5		1030	SE		X	X	X	X	X	X	X	X	X	X	X	
05	SS-02R-0.5-1		1045	SE		H	X	X	H	X	H	X	H	H	H	X	
06	SS-02R-1-2		1055	SE		H	X	X	H	X	H	X	H	H	H	X	
07	~~SS03~~ SS-03R-0-0.5		1115	SE		X	X	X	X	X	X	X	X	X	X	X	
08	SS03R-0.5-1		1125	SE		H	X	X	H	X	H	X	H	H	H	X	
09	SS-03R-1-2		1135	SE		H	H	X	X	X	H	X	H	H	H	X	
10	SS-04-0-0.5		1215	SE		X	X	X	X	X	X	X	X	X	X	X	

Sample Filtration
☐ Done ☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments
*24 hr HexChrom ** Hold time

Container Type
Preservative

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Ellie Johnston	5/29/25 1927	Pace	5/29/25 1938
Pace	5/29/25 1934	Anthony Green	MAY 29 2025 2020
Anthony Green	5/30/25 0420		5/30/25 0420

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 2 of 3

Date Rec'd in Lab: 5/30/25

L2533649
TERRAPHASE

Client Information
Client: Terraphase Engineering
Address: 1100 E. Hector St. Ste400
Conshohocken, PA 19428
Phone: 201-552-0224
Fax:
Email: nicholas.krasnecky@terraphase.com

Project Information
Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Rd
Project #: CV04.001.009
(Use Project name as Project #)
Project Manager: NICK Krasnecky
PACE Quote #: 29992

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other see notes

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☑ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:
Please send EQuIS EDD to EDD@terraphase.com *keep SDG open*
NYS Analytical Services Protocol Cat.B

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	TAL Metals Chromium VI	Mercury	TCL PCBs	TCL Pests	TCL Herbs	PFAS	Total cyanide	Total organic carbon	Total Bottle	Sample Specific Comments
536449-11	SS-04-0.5-1	5/29/25	1225	SE	EEJ	HH	XX	XH	XH	XH			H	H	X		*24 hr Hex chrom Hold time
12	SS-04-1-2		1235	SE		HH	XX	XH	XH	XH			H	H	X		
13	SW-01R-0-0.5		1240	SW		XX	XX	X	X	XX			X	X			
14	SS-05-0-0.5		1245	SE		XX	XX	XX	XX	XX			X	X	X		
15	SS-05-0.5-1		1255	SE		HH	XX	XH	XH	XH			H	H	X		
16	SS-05-1-2		1305	SE		HH	XX	XH	XH	XH			H	H	X		
17	SW-02R-0-0.5		1315	SW		XX	XX	XX	XX	XX			X	X			
18	SW-03R-0-0.5		1345	SW		XX	XX	XX	XX	XX			X	X			
19	SW-04-4-5		1400	SW		XX	XX	XX	XX	XX			X	X			
20	SW-05-4-5		1415	SW		XX	XX	XX	XX	XX			X	X			

Container Type:
Preservative:

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Ellie Bannister	5/29/25 1927	Pace	5/29/25 1927
Pace	5/29/25 1927	Anthony Green	MAY 29 2025 2020
Anthony Green	5/30/25 0420		5/30/25 0420

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Date Rec'd in Lab: 5/30/25

L2533649
TERRAPHASE

Client Information

Client: Terraphase Engineering
Address: 1100 E. Hector St. Ste400
Conshohocken PA 19428
Phone: 201-552-0224
Fax:
Email: nicholas.krasnecky@terraphase.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Rd.
Project #: CV04.001.009
(Use Project name as Project #)
Project Manager: Nick. Krasnecky
PACE Quote #: 29992

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

Please send equis EDD to EDD@terraphase.com * Keep SDG open *
NYS Analytical services Protocol Cat. B

Please specify Metals or TAL.

ANALYSIS

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	TAL Metals	Chromium VI	Mercury	TCL PCBs	TCL Pests	TCL Herbs	PFAS	Total Cyanide	Total Organic Carbon	Total Bottle
5336[illegible]-21	SS-07-0-0.5	5/29/25	1620	SE	EEJ	XX	XX	XX	XX	XX				X	X	X	
22	SS-08-0-0.5	5/29/25	1735	SE	EEJ	XX	XX	XX	XX	XX				X	X	X	
23	DUP-01-250529	5/29/25	1735	SE	EEJ	XX	XX	XX	XX	XX				X	X	X	
24	SS-08-0.5-1	5/29/25	1755	SE	EEJ	XX	XX	XX	XX	XX				X	X	X	
25	TB-250529	5/29/25	1820	TB	EEJ	X											

Ellie Johnston

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments
24 Hr Hexchrom
* [illegible] Hold time

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Ellie Johnston	5/29/25 1927	[illegible] Pace	5/29/25 1928
[illegible] Pace	5/29/25 1927	Anthony Green	MAY 29 2025 2020
Anthony Green		[illegible]	5/30/25 0220
[illegible]	5/30/25 0220		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

NEW YORK CHAIN OF CUSTODY

Pace ANALYTICAL SERVICES

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 05/30/25

Pace Job #: L2533649

Client Information

Client: Terraphase Engineering
Address: 1100 E. Hector St. Ste 400
Conshohocken, PA 19428
Phone: 201-552-0224
Fax:
Email: nicholas.krasnecky@terraphase.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Rd.
Project #: CV04.001.009
(Use Project name as Project #)
Project Manager: Nick Krasnecky
PACE Quote #: 29992

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:
NYS Analytical Services protocol cat. B | Please send EDD to EDD@terraphase.com
* Add to L2533649

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other See notes

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☑ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	TAL metals	Chromium VI	Mercury	TCL PCBs	TCL Pests	TCL Herbs	PFAS	Total cyanide	Total organic carbon	Sample Specific Comments
33649-26	SW-08-0-0.5	5/30/25	1045	SW	EEJ	X	X	X	X	X	X	X	X	X	X		*24 hr. hold time for Hex chrom
	SW-08-0-0.5 MS		1045	SW		X	X	X	X	X	X	X	X	X	X		
	SW-08-0-0.5 MSD		1045	SW		X	X	X	X	X	X	X	X	X	X		
-27	SW-07-0-0.5		1145	SW		X	X	X	X	X	X	X	X	X	X		
-28	DUP-02-250530		1200	SW		X	X	X	X	X	X	X	X	X	X		
-29	SS-06-0-0.5		1300	SE		X	X	X	X	X	X	X	X	X	X	X	
	SS-06-0-0.5MS		1300	SE		X	X	X	X	X	X	X	X	X	X	X	
	SS-06-0-0.5MSD		1300	SE		X	X	X	X	X	X	X	X	X	X	X	
-30	DUP-03-250530		1310	SE		H	H	X	X	H	X	H	X	H	H	X	
-31	SW-06-0-0.5		1330	SW		X	X	X	X	X	X	X	X	X	X		

Container Type
Preservative

Sample Filtration

☐ Done
☐ Lab to do

Preservation
☐ Lab to do

(Please Specify below)

Total Bottle

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code:
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Ellie Johnston	5/30/25 1634	(PACE)	5/30/25 16:35
(PACE)	5/30/25 16:56	NJSL	5/30/25 16:56
NJSL	5/30/25 2030	Paul Maggella	5/30/25 1720
Paul Maggella	5/30/25		5-30 2030
	5-30 2230		5-30 22:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 2 of 2

Date Rec'd in Lab: 05/30/25

Pace Job #: L2533649

Client Information

Client: Terraphase Engineering
Address: 1100 E. Hector St. Ste400
Conshohocken, PA 19428
Phone: 201-552-0224
Fax:
Email: nicholas.krasnecky@terraphase.com

Project Information

Project Name: Elmwood Preserve
Project Location: 850 Dobbs Ferry Rd.
Project #: CV04.001.009
(Use Project name as Project #)
Project Manager: Nick Krasnecky
PACE Quote #: 29992

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other see note

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☑ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

NYS Analytical services protocol cat. B
* Add to L2533649

Please send EDD to EDD@terraphase.com

Please specify Metals or TAL.

ANALYSIS

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	TAL metals	Chromium VI	Mercury	TCL PCBs	TCL Pests	TCL Herbs	PFAS	Total Cyanide	Total Organic Carbon	Total Bottle	Sample Specific Comments
33649-32	FB-SED-250530	5/30/25	1445	GW	EEJ	X	X	X	X	X	X	X	X	X	X	X		* 24 hr. hold Time for hex chrom
-33	FB-SW-250530	5/30/25	1500	GW	EEJ	X	X	X	X	X	X	X	X	X	X			

Ellie Johnston 5/30/25

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type												
Preservative												

Relinquished By:	Date/Time	Received By:	Date/Time
Ellie Johnston	5/30/25 1634	(PACE)	5/30/25 16:35
(PACE)	5/30/25 16:56	NJSC	5/30/25 16:56
NJSC	5/30/25 1730	Paul Maggiella	5/30/25 1730
Paul Maggiella	5/30/25		5-30 2030
	5-30 2230		5-30 22:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Sample Delivery Group Summary

Pace Job Number : L2533649

Account Name : Terraphase Engineering Inc.
Project Number : CV04.001.009
Project Name : ELMWOOD PRESERVE

Received : 29-MAY-2025
Reviewer : Brendan Grady

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.0	
B	Absent/	Ice	3.5	
C	Absent/	Ice	3.2	
D	Absent/	Ice	2.1	
E	Absent/	Ice	3.3	
F	Absent/	Ice	2.2	
G	Absent/	Ice	2.9	
H	Absent/	Ice	2.1	
I	Absent/	Ice	3.1	
J	Absent/	Ice	3.3	
K	Absent/	Ice	3.0	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

Sample Delivery Group Summary

Pace Job Number	: L2533649	Received	: 29-MAY-2025
		Reviewer	: Brendan Grady
Account Name	: Terraphase Engineering Inc.		
Project Number	: CV04.001.009		
Project Name	: ELMWOOD PRESERVE		

1) Reagent Water Vials Frozen by Client? **NO**